NATIONAL CROP VARIETY LIST - KENYA

ACRONYMS

AHP:	**African Highlands Produce Company**
EABL:	**East African Breweries Limited**
EAC:	**East African Community**
GLS -	**Grey leaf spot**
GWK -	**George Williamson Kenya**
ICIPE:	**International Centre for Insect Physiology and Ecology**
KARI –	**Kenya Agricultural Research Institute:**
KESREF:	**Kenya Sugar Research Foundation**
KSC –	**Kenya Seed Company**
Masl	**Meters above sea level**
MSV -	**Maize streak virus**
ND:	**Data not available**
OCD:	**Oil Crop Development Company**
PBK:	**Pyrethrum Board of Kenya**
SASA -	**South African Sugar Authority**
SBI -	**Sugar Board of India**
TRFK:	**Tea Research Foundation of Kenya**

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1. NATIONAL COFFEE VARIETY LIST

Species: ***Coffee Arabica***

Variety name	Year of release	Owner(s)	Maintainer and seedling source	Optimal production altitude (Masl)	Duration to maturity (months)	Yield (t/ha) per tree	Special attributes
1. CCLviii SL 34	1930s	Coffee Research Foundation	Coffee Research Foundation	1300-1800	24	2-2.5	▪ Fine liquor quality ▪ Adaptable to medium to high altitude
2. CCLIX SL 28	1935	Coffee Research Foundation	Coffee Research Foundation	1300-1800	24	2-2.5	▪ Fine liquor quality ▪ Adaptable to medium to high altitude
3. CCLX K7	1936	Coffee Research Foundation	Coffee Research Foundation	1300-1600	24	2-2.5	▪ Partial resistance to leaf rust ▪ Adaptable to low to medium altitude
4. CCLXI Ruiru I	1985	Coffee Research Foundation	Coffee Research Foundation	1300-1800	18	2.5-4.6	▪ Resistance to CBD and leaf rust ▪ Compact growth
5. Batian 1	2010	Coffee Research Foundation	Coffee Research Foundation	1200 - 1800	18	3-5	▪ Fine cup quality ▪ Resistant to CBD and Leaf Rust ▪ True breeding ▪ Early cherry ripening ▪ Produce very large berries ▪ Suited for all coffee agro-ecological zones in Kenya
6. Batian 3	2010	Coffee Research Foundation	Coffee Research Foundation	1200 - 1800	18	3-5	▪ Fine cup quality with relatively lower caffeine content ▪ Resistant to CBD and Leaf Rust ▪ True breeding ▪ Late cherry ripening ▪ Produce very large berries ▪ Suited for all coffee agro-ecological zones in Kenya

Variety name	Year of release	Owner(s)	Maintainer and seedling source	Optimal production altitude (Masl)	Duration to maturity (months)	Yield (t/ha) per tree	Special attributes
7. Batian 2	2010	Coffee Research Foundation	Coffee Research Foundation	1200 - 1800	18	3-5	▪ Fine cup quality with high acidity ▪ Resistant to CBD and Leaf Rust ▪ True breeding ▪ Produce average sized berries ▪ Suited for all coffee agro-ecological zones in Kenya

2. NATIONAL MACADAMIA VARIETY LIST

Species: ***Macadamia sp***

Variety name/code	Official Release Name	Owner(s)	Maintainer and seedling source	Optimal production altitude (Masl)	Economic production life (years)	Fruit yield (kg tree^{-1} y^{-1})	Special attributes
1. MRG-20	1997	KARI	KARI- Thika	1400-1550	15-20	46-50	▪ High fruit yield per cluster
2. EMB-1	1997	KARI	KARI- Thika	1400-1550	15-20	42-55	▪ High first grade ratio
3. EMB-3	1997	KARI	KARI- Thika	1400-1550	15-20	42-60	▪ High first grade ratio
4. KRG-15	1997	KARI	KARI- Thika	1400-1550	15-20	40-70	▪ High kernel recovery

3. NATIONAL TEA VARIETY LIST

Species: ***Camellia sinensis L.***

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seedling source	Optimal production altitude (Masl)	Duration to maturity (years)	Green tea leaf yield (t ha-1 y-1)	Special attributes
1. AHP S15/10	AHP S15/10	1960	AHP Kericho	AHP Kericho	1100-2200	4	5-8 .0	▪ Orthodox manufacture
2. TRF 6/8	TRF 6/8	1964	TRFK	TRFK	1600-2300	3-4	3.5-6.6	▪ Good quality ▪ Wide adaptation
3. TRF 7/14	TRF 7/14	1964	TRFK	TRFK	1600-2300	3-4	3.5-4.2	▪ Good black tea quality
4. TRF 7/3	TRF 7/3	1964	TRFK	TRFK	1600-2300	3-4	3.0-4.4	▪ Good black tea quality
5. TRF 11/4	TRF 11/4	1964	TRFK	TRFK	1600-2300	3-4	3.5-7.0	▪ Resistant to mites and drought
6. TRF 12/12	TRF 12/12	1964	TRFK	TRFK	1600-2300	3-4	3.8-6.1	▪ Rich in caffeine
7. TRF 12/19	TRF 12/19	1964	TRFK	TRFK	1600-2300	3-4	3.9-7.4	▪ Rich in polyphenols
8. TRF 31/8	TRF 31/8	1964	TRFK	TRFK	1600-2300	3-4	4.2-7.8	▪ High yielding, drought tolerant
9. AHP PMC 61	AHP PMC 61	1966	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
10. AHP PMC 67	AHP PMC 67	1966	AHP Kericho	AHP Kericho	1100-2200	4	2-3	▪ ND
11. AHP CA 609	AHP CA 609	1966	AHP Kericho	AHP Kericho	1100-2200	4	2-3	▪ ND
12. AHP PMC 2	AHP PMC 2	1966	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
13. AHP PMC 3	AHP PMC 3	1966	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
14. AHP PMC 45	AHP PMC 45	1966	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
15. AHP PMS 46	AHP PMS 46	1966	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
16. AHP PMC 51	AHP PMC 51	1966	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
17. AHP PMC 59	AHP PMC 59	1966	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
18. AHP CG 29E30	AHP CG 29E30	1967	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND
19. AHP KP 47/7	AHP KP 47/7	1967	AHP Kericho	AHP Kericho	1100-2200	4	3-4	▪ ND

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seedling source	Optimal production altitude (Masl)	Duration to maturity (years)	Green tea leaf yield (t ha-1 y-1)	Special attributes
20. AHP MN 11/96	AHP MN 11/96	1968	AHP Kericho	AHP Kericho	1100-2200	4	2-3	▪ ND
21. AHP MN2 10/51	AHP MN2 10/51	1968	AHP Kericho	AHP Kericho	1100-2200	4	2-3	▪ ND
22. AHP CG 17/81	AHP CG 17/81	1968	AHP Kericho	AHP Kericho	1100-2200	4	2-3	▪ ND
23. TRF 31/11	TRF 31/11	1969	TRFK	TRFK	1600-2300	3-4	3.2-6.7	▪ ND
24. TRF 7/9	TRF 7/9	1969	TRFK	TRFK	1600-2300	3-4	3.6-7.1	▪ Very susceptible to drought
25. TRF 108/82	TRF 108/82	1976	TRFK	TRFK	1600-2300	3-4	3.1-5.3	▪ Good recovery from prune
26. TRF 100/5	TRF 100/5	1976	TRFK	TRFK	1600-2300	3-4	3.1-5.2	▪ Resistant to drought and mites
27. AHP SC 12/28	AHP SC 12/28	1977	AHP Kericho	AHP Kericho	1100-2200	4	5-8	▪ Tolerant to mites and cold
28. AHP CHM 61/60	AHP CHM 61/60	1981	AHP Kericho	AHP Kericho	1100-2200	4	5-8	▪ Tolerant to mites and drought ▪ Good rooter
29. AHP CG 28U864	AHP CG 28U864	1982	AHP Kericho	AHP Kericho	1100-2200	4	4-6	▪ Tolerant to mites and drought.
30. AHP CG 28V929	AHP CG 28V929	1982	AHP Kericho	AHP Kericho	1100-2200	4	4-6	▪ ND
31. AHP S 1/99	AHP S 1/99	1984	AHP Kericho	AHP Kericho	1100-2200	4	2-4	▪ ND
32. TRF 303/178	TRF 303/178	1986	TRFK	TRFK	1600-2300	3-4	3.6-5.7	▪ ND
33. TRF 303/216	TRF 303/216	1986	TRFK	TRFK	1600-2300	3-4	3.9-5.3	▪ ND
34. TRF 54/40	TRF 54/40	1986	TRFK	TRFK	1600-2300	3-4	3.1-4.8	▪ ND
35. AHP SC 12/29	AHP SC 12/29	1987	AHP Kericho	AHP Kericho	1100-2200	4	5-7	▪ Resistant to mites
36. TRF 303/259	TRF 303/259	1988	TRFK	TRFK	1600-2300	3-4	3.0-4.2	▪ Drought tolerant
37. AHP SF 186	AHP SF 186	1988	AHP Kericho	AHP Kericho	1100-2200	4	5-8	▪ Resistant to mites ▪ Easy to pluck ▪ High quality
38. TRF 303/259	TRF 303/259	1988	TRFK	TRFK	1600-2300	3-4	4.2	▪ ND
39. TRF 56/89	TRF 56/89	1988	TRFK	TRFK	1600-2300	3-4	3.0-4.5	▪ ND

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seedling source	Optimal production altitude (Masl)	Duration to maturity (years)	Green tea leaf yield (t ha-1 y-1)	Special attributes
40. TRF 303/577	TRF 303/577	1989	TRFK	TRFK	1600-2300	3-4	4.3-7.8	▪ Good recovery from prune and easy to prune
41. TRF 303/999	TRF 303/999	1989	TRFK	TRFK	1600-2300	3-4	3.0-3.9	▪ Tolerant to high soil pH Drought tolerant
42. TRF 303/231	TRF 303/231	1989	TRFK	TRFK	1600-2300	3-4	3.6-3.4	▪ Drought tolerant Wide adaptation
43. TRF 303/1199	TRF 303/1199	1989	TRFK	TRFK	1600-2300	3-4	3.4-5.1	▪ Easy to pluck good quality
44. AHP SC 20/13	AHP SC 20/13	1992	AHP Kericho	AHP Kericho	1100-2200	4	5-8	▪ Moderately drought tolerant ▪ Easy to pluck
45. AHP SC 31/37	AHP SC 31/37	1992	AHP Kericho	AHP Kericho	1100-2200	4	5-8	▪ High yielding ▪ Tolerant to mites
46. TRF 303/178	TRF 303/178	1994	TRFK	TRFK	1600-2300	3-4	3.5-4.4	▪ ND
47. TRF 303/152	TRF 303/152	1994	TRFK	TRFK	1600-2300	3-4	3.1-3.8	▪ Sprawling branches
48. TRF 303/156	TRF 303/156	1994	TRFK	TRFK	1600-2300	3-4	3.3-4.5	▪ Resistant to red crevice mites
49. TRF 303/179	TRF 303/179	1994	TRFK	TRFK	1600-2300	3-4	3.0-5.7	▪ Drought & mite resistant
50. TRF 303/186	TRF 303/186	1994	TRFK	TRFK	1600-2300	3-4	3.0-4.0	▪ Good recovery from prune
51. AHP SKM 30/52	AHP SKM 30/52	1995	AHP Kericho	AHP Kericho	1100-2200	4	5-6	▪ Drought tolerant ▪ Resistant to mites
52. TRF 337/138	TRF 337/138	1995	TRFK	TRFK	1600-2300	3-4	3.0-4.2	▪ Moderately resistant to mites
53. TRF 337/3	TRF 337/3	1995	TRFK	TRFK	1600-2300	3-4	3.0-4.2	▪ Moderate resistant to mites
54. TRF 338/13	TRF 338/13	1995	TRFK	TRFK	1600-2300	3-4	3.0-4.4	▪ Drought tolerant ▪ Rapid field establishment
55. TRF 347/26	TRF 347/26	1995	TRFK	TRFK	1600-2300	3-4	3.0-4.5	▪ Drought tolerant good quality
56. TRF 347/314	TRF 347/314	1995	TRFK	TRFK	1600-2300	3-4	3.0-4.5	▪ Drought tolerant good quality
57. AHP SC 11/1	AHP SC 11/1	1997	AHP Kericho	AHP Kericho	1100-2200	4	5-7	▪ Drought tolerant

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seedling source	Optimal production altitude (Masl)	Duration to maturity (years)	Green tea leaf yield (t ha-1 y-1)	Special attributes
58. AHP SC 11/9	AHP SC 11/9	1997	AHP Kericho	AHP Kericho	1100-2200	4	5-7	▪ Drought tolerant
59. GW /EJULU-L	GW /EJULU-L	2000	George Williamson Kenya	George Williamson Kenya	1600-2000	3-4	4.0-4.5	▪ Very brisk thick bright liquor
60. TRF 301/4	TRF 301/4	2002	TRFK	TRFK	1600-2300	3-4	4.1-5.2	▪ Drought tolerant ▪ Rich in caffeine
61. TRF 301/5	TRF 301/5	2002	TRFK	TRFK	1600-2300	3-4	4.0-5.9	▪ Drought tolerant
62. TRFK 430/90	TRFK 430/90	2008	TRFK	TRFK	1500-2400	3-5	2	▪ Drought tolerant ▪ High quality for tea manufacture & extraction of polyphenols for green tea ▪ Resistant to mites and root knot nematode ▪ Upright growth habit ideal for machine harvesting
63. TRFK 371/3	TRFK 371/3	2008	TRFK	TRFK	1500-2400	3-5	2	▪ Drought tolerant ▪ High quality for tea manufacture & extraction of polyphenols for green tea ▪ Resistant to mites and root knot nematode
64. TRFK 306	TRFK 306	2011	TRFK	TRFK	1600 - 2300	3-4	13 - 15	▪ Anthocyanin-rich (purple pigmentation) – medicinal tea product ▪ Drought, frost, disease and pest resistant ▪ High content and quality of tea seed oil ▪ Wide adaptability and suitable for

								all designated tea growing regions

4. NATIONAL SWEET POTATO VARIETY LIST

Species: ***Ipomea batatas***

Variety name/code	Official Release Name	Year of release	Owner(s)	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Root yield (tha-1 y-1)	Special attributes
1. Mtwapa 8	Mtwapa 8	1998	KARI	KARI (Mtwapa)	1-1500	3.5	10-20	▪ Low fibre ▪ High beta carotene
2. Jayalo	Jayalo	1998	KARI	KARI	1-200	4	10-15	▪ Good for piece meal harvesting
3. 22/77	22/77	1998	KARI	KARI	1-800	3.5	10-20	▪ Good for piece meal harvesting
4. KSP 20 (Wanjugu)	KSP 20(Wanjugu)	2000	KARI	KARI (Katumani)	250-1750	3-4	20	▪ High carotene levels ▪ Red skinned
5. SPK 004	SPK 004	2001	KARI	KARI-Kakamega	1300-2000	3-4	13-20	▪ High beta carotene
6. Kemb 10	Kemb 10	2001	KARI	KARI-Kakamega	1300-2000	3-4	16-25	▪ High yielding
7. SPK 013	SPK 013	2001	KARI	KARI-Kakamega	1200 - 1400	4-5	21-35	▪ Low underground stability
8. Mugande	Mugande	2001	KARI	KARI-Kakamega	1300-2000	4-5	15-25	▪ Early maturing
9. Ksp0047	Ksp0047	2010	KARI	KARI KATUMANI	Warm, Semi-arid areas, 800 – 1000 m.a.s.l., Good for hill masses of Taita, and makueni districts	3-4	25	▪ Light orange fleshed ▪ High ß carotene content

Variety name/code	Official Release Name	Year of release	Owner(s)	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Root yield (tha-1 y-1)	Special attributes
10. Ksp0072	Ksp0072	2010	KARI	KARI KATUMANI	central.Warm, Semi-arid areas, 600 –1400 m.a.s.l. Yield well in coffee zone of eastern and	3-4	22	▪ Light orange fleshed ▪ High ß carotene content
11. Ksp0084	Ksp0084	2010	KARI	KARI KATUMANI	Warm, Semi-arid areas, 600 – 1800 m.a.s.l. Recommended for the coffee and lower areas	3-4	20	▪ Light orange fleshed ▪ High ß carotene content ▪ Duo purpose
12. Ksp0154	Ksp0154	2010	KARI	KARI KATUMANI	Warm, Semi-arid areas, 800 – 1800 m.a.s.l. Good for the Coffee zone (Thika, muranga South, Kandara, Kangundo)	3-4	23	▪ Light orange fleshed ▪ High ß carotene content
13. Mwavuli	Mwavuli-1	2011	KARI-Kakamega	KARI-Kakamega	1200-1800	4-5	22.0 (40.0)	▪ High root yield ▪ High DM ▪ Dual purpose
14. 91-218	Limara	2011	KARI-Kakamega	KARI-Kakamega	1200-1700	4-5	15.4-25	▪ Very Resistant to virus disease
15. 292-H-12	Rachar	2011	KARI-Kakamega	KARI-Kakamega	1200-1680	4-5	14.2 (34.0)*	▪ Virus resistant
16. 56682-03	Haraka	2011	KARI-Kakamega	KARI-Kakamega	1300-1600	4-5	16.3	▪ Orange-fleshed ▪ High DM
17. K117	Lisamu-DP	2011	KARI-Kakamega	KARI-Kakamega	1200-1600	5-6	15.1-34.4	▪ Orange-fleshed ▪ High DM
18. Kabode	Kabode	2013	KARI	KARI-Kakamega	1,200-1,800	4-5	16-25	▪ High β-carotene content ▪ Tolerant to sweet-potato viruses

Variety name/code	Official Release Name	Year of release	Owner(s)	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Root yield (tha-1 y-1)	Special attributes
19. VITAA	Vitamu	2013	KARI	KARI-Kakamega	1,200-1,800	4-5	15-22	▪ High carotene ▪ High dry content ▪ Tolerance to virus diseases
20. KNSP 013	Kenspot-1(Nyawo)	2013	KARI	KARI-Njoro	1,700-2,300 metres in Eldama-Ravine, Lare, Njoro, and Kakamega	6-7	15-25	▪ Fairly High Dry Matter ▪ Yellow fleshed ▪ Average acceptability
21. KNSP 016	Kenspot-2	2013	KARI	KARI-Njoro	1700-1900 metres in the highlands of Kakamega, Lanet and Kabianga	6-7	15-46	▪ Moderate Dry Matter ▪ White-fleshed ▪ High acceptability rating
22. KNSP01 0/6 (1)	Kenspot-3	2013	KARI	KARI-Njoro	1,900-23,00 metres in Njoro,Eldama-Ravine, Kakamega	7-6	10-27	▪ High Dry Matter content ▪ Orange-fleshed (avg.β-carotene content ▪ Average acceptability
23. KNSP 06/1-2	Kenspot-4	2013	KARI	KARI-Njoro	1,700-2,300 metres in Eldama-Ravine, Kakamega, Njoro,Kabianga	6-7	10-27	▪ High Dry Matter content ▪ Orange-fleshed (avg.β-carotene content ▪ Average acceptability
24. KNSP02 /16 (1)	Kenspot-5	2013	KARI	KARI-Njoro	1,700-2,100 metres in Eldama-Ravine, Kabianga and Kakamega	7-6	10-23	▪ Moderate Dry Matter content ▪ Orange-fleshed (avg.βcarotene content ▪ Average acceptability ▪ Moderately resistant to sweet-potato viral disease,SPVD

Variety name/code	Official Release Name	Year of release	Owner(s)	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Root yield (tha-1 y-1)	Special attributes
25. NASPOT-1	DOUBLE-DOUBLE	2015	KALRO	KALRO Kakamega	Western , Eastern Kenya,North Rift region	3-4	27	▪ Dual purpose variety-roots for human consumption and vines for livestock ▪ Moderately resistant to SPVD
26. CUNY	CUNY	2015	KALRO	KALRO Kakamega	Western Kenya	4-5	28	▪ High dry matter content and yellow fleshed ▪ Has average levels of sugar ▪ Tolerant to altanaria
27. K/KA/2004/215	JANKAROTI	2015	KALRO	KALRO Kakamega	Western Kenya	3-4	28	▪ Orange-fleshed-rich in beta carotene ▪ Acceptable levels of dry matter content ▪ Moderately tolerant to SPVD
28. NAMNYEKERA	NAMNYEKERA	2015	KALRO	KALRO Kakamega	Western Kenya	4-5	25	▪ Yellow-fleshed with moderately resistannce to weevil attack due to its deep rooting characteristic ▪ Resistance to alternaria
29. Silklow 6	Silklow 6	2019	KALRO	KALRO-KATUMANI	Altitude: 1200-1800 masl,Examples: Bungoma, Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu,	5	14-18	▪ Resistance to potato weevils Resistance to potato diseases ▪ Tolerant to viral diseases ▪ Flesh oroange(29A/2

					Meru,Nyeri, Muranga,Taita Taveta-Wundamyi, Machakos			3)(CIP chart) β-carotene 1500 µg/100g fwb content ▪ Taste sweet Moderate tolerance to low cool temperatures
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s)**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Root yield (tha-1 y-1)**	**Special attributes**
30. Shock 5	Shock 5 Kyembadula 6	2019	KALRO	KALRO-KATUMANI	sAltitude: 1200-1800 masl,Examples:Bungoma,Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu, Meru,Nyeri, Muranga,Taita Taveta-	5	11-17	▪ Dual purpose variety ▪ Resistance potato weevils, potato diseases ▪ Tolerant to virus disease ▪ Moderate to low temperatures ▪ Dry matter 28.50% ▪ Flesh colour yellow cream - (9D/3) ▪ Resistance to pest ▪ β-carotene 1500 µg/100g fwb content,
31. Kyembadula 6				KALRO-KATUMANI	Altitude: 1200-1800 masl,Examples:Kakamega Homabay , Kisii Tharaka Nyeri, Muranga,Taita Taveta-Wundamyi, Machakos			▪ Resistance to potato weevils Resistance to potato diseases ▪ Tolerant to viral diseases ▪ Flesh oroange(29A/23)(CIP chart) β-carotene 1500 µg/100g fwb content ▪ Taste sweet Moderate

								tolerance to low cool temperatures
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s)**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Root yield (tha-1 y-1)**	**Special attributes**
32. Irene	Irene	2019	KALRO	KALRO-KATUMANI	Altitude: 1200-1800masl,Examples:Bungoma,Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu, Meru,Nyeri, Muranga,Taita Taveta-Wundamyi, Machakos	4-5	9-15	▪ Resistance to potato weevils ▪ Resistance to potato diseases ▪ Tolerant to viral diseases ▪ Shape oblong Skin Purple red ▪ Dry matter 28.8% ▪ Flesh colour Orange with yellow (28 C:18B) (CIP colour chart) ▪ β-carotene 8300 µg/100g fwbcontent ▪ Taste is moderately sweet
33. TU-PURPLE	KC-SWEET PURPLE	2023	KALRO and CIP	KALRO and CIP	Altitude: 1200-1800 AEZ: LM1-6 Sites : Makueni, Machakos, Kitui, Tharaka nithi	4-5	15-16	▪ Adaptability;widely spread ▪ Resistance to pests ▪ Moderate to sweet potato weevils and diseases ▪ Root characteristic: Dry matter 27.9% and flesh color dark purple

5. NATIONAL SUGARCANE VARIETY LIST

Species: *Saccharum officinarum*

Variety name/code	Official Release name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seedling source	Optimal production altitude range (Masl)	Duration to maturity (months)	Cane yield (t ha^{-1})	Special attributes
1. CO 421	CO 421	1950's	SBI India	KESREF	1100-1600	20-22	80-120	▪ Wide adaptation
2. CO 617	CO 617	1950's	SBI India	KESREF	1100-1600	18-20	80-120	▪ Tolerant to stress
3. EAK 69-47	EAK 69-47	1960S	EAC/KESREF (also in TZ)	KESREF	1300-1600	20-22	80-110	▪ High cane yield
4. EAK 70-97	EAK 70-97	1970S	EAC/KESREF (also TZ)	KESREF	1300-1600	18-20	95-120	▪ Smut tolerant
5. EAK 71-402	EAK 71-402	1970s	EAC/KESREF (also in TZ)	KESREF	1300-1600	20-22	80-115	▪ Tolerant to smut and mosaic
6. CB 38-22	CB 38-22	1998	Brazil	KESREF	1300-1600	18-20	75-115	▪ Tolerant to smut and moisture stress
7. CO 1148	CO 1148	1998	SBI India	KESREF	1100-1600	20-22	90-130	▪ High yield
8. N 14	N 14	1998	SASA, South Africa	KESREF	1100-1600	18-20	90-135	▪ High sucrose content
9. KEN 82-401	KEN 82-401	2002	KESREF	KESREF	1100-1600	15-19	85-140	▪ High sucrose content
10. KEN 82-737	KEN 82-737	2002	KESREF	KESREF	1100-1600	16-20	97-130	▪ Tolerant to smut
11. KEN 82-472	KEN 82-472	2007	KESREF	KESREF	1200-1620	17-19	74-125	▪ Thick stalks, Good ratooner ▪ Wide adaptability ▪ Intermediate resistance to smut
12. KEN 82-62	KEN 82-62	2007	KESREF	KESREF	1200-1620	17-20	66-135	▪ High sucrose content ▪ Intermediate resistance to smut
13. EAK 73-335	EAK 73-335	2007	KESREF	KESREF	1200-1620	18-20	89-176	▪ Intermediate resistance to smut

Variety name/code	Official Release name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seedling source	Optimal production altitude range (Masl)	Duration to maturity (months)	Cane yield (t ha^{-1})	Special attributes
14. D8484	D8484	2007	Guyana Sugar Cooperative	KESREF	1200-1620	14-16	108-145	▪ Resistant to smut
15. KEN82-121¥	KEN82-121¥	2011	Kenya Sugar Research Foundation (KESREF)	KESREF	1100 -1300	15-17	95-100	▪ Early maturity, High sucrose.
16. KEN82-493¥	KEN82-493¥	2011	Kenya Sugar Research Foundation (KESREF)	KESREF	1100-1300	15-17	95-100	▪ Early maturity ▪ High cane yield ▪ Heavy Tillering
17. KEN82-601¥	KEN82-601¥	2011	Kenya Sugar Research Foundation (KESREF)	KESREF	1100-1300	15-17	95-100	▪ Early maturity ▪ High sucrose ▪ High cane yield
18. 98-367	KEN 98-367	2014	KESREF	KESREF (KIBOS)	Nzioa, Mumias, Chemelil & Sony	15-17	Sub-Humid - 84, Humid -127	▪ Early Maturity ▪ Sucrose content of 13% pol
19. 98-530	KEN 98-530	2014	KESREF	KESREF (KIBOS)	Kibos, Nzioa, Mumias & Muhoroni	16-18	Sub-Humid 78, Humid 105	▪ High Sucrose content(13-14% pol)
20. 98-533	KEN 98-533	2014	KESREF	KESREF (KIBOS)	Kibos, Nzoia, Chemelil & Sony	16-18	Sub-Humid 82, Humid 142	▪ Resistant to smut ▪ High Sucrose content(13-15% pol)
21. 98-551	KEN 98-551	2014	KESREF	KESREF (KIBOS)	Kibos & Chemelil	16-18	Sub-Humid 80, Humid 100	▪ High Sucrose content (15% pol)
22. 00-13	KEN 00-13	2014	KESREF	KESREF (KIBOS)	Sony, Muhoroni, Chemelil & Nzoia	15-17	Sub-Humid 92, Humid 142	▪ Early maturity ▪ High sucrose content(12-16% pol) ▪ High yields
23. 00-3548	KEN 00-3548	2014	KESREF	KESREF (KIBOS)	Nzoia	16-18	Sub-Humid 77,	▪ Immune to Smut

							Humid 100	▪ High sucrose content(13% pol) ▪ Good Ratooning
Variety name/code	**Official Release name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seedling source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Cane yield (t ha^{-1})**	**Special attributes**
24. 00-3811	KEN 00-3811	2014	KESREF	KESREF (KIBOS)	Mumias & Sony	16-18	Sub-Humid 90, Humid 133	▪ High yield ▪ High sucrose content(13% pol)
25. 00-5873	KEN 00-5873	2014	KESREF	KESREF (KIBOS)	Nzoia & Kibos	16-18	Sub-Humid 87, Humid 105	▪ Immune to Smut Disease ▪ Sucrose content of 12% pol
26. KEN 82-808	KEN 82-808	2002	KESREF	KESREF	1100-1600	15-19	95-140	▪ Tolerant to stress
27. KEN 82-247	KEN 82-247	2002	KESREF	KESREF	1100-1600	15-19	87-143	▪ Early maturity
28. KEN 82-216	KEN 82-216	2002	KESREF	KESREF	1100-1600	15-19	95-153	▪ Early maturity
29. KEN 82-219	KEN 82-219	2002	KESREF	KESREF	1100-1600	15-19	84-133	▪ High sucrose content
30. CO 945	CO 945	1998	SBI India	KESREF	1300-1600	18-20	90-130	▪ High sucrose content
31. 98-367	KEN 98-367	2014	KESREF	KESREF (KIBOS)	Nzioa, Mumias, Chemelil & Sony	15-17	Sub-Humid - 84, Humid -127	▪ Early Maturity ▪ Sucrose content of 13% pol
32. 98-530	KEN 98-530	2014	KESREF	KESREF (KIBOS)	Kibos, Nzioa, Mumias & Muhoroni	16-18	Sub-Humid 78, Humid 105	▪ High Sucrose content(13-14% pol)
33. 98-533	KEN 98-533	2014	KESREF	KESREF (KIBOS)	Kibos, Nzoia, Chemelil & Sony	16-18	Sub-Humid 82, Humid 142	▪ Resistant to smut ▪ High Sucrose content(13-15% pol)
34. 98-551	KEN 98-551	2014	KESREF	KESREF (KIBOS)	Kibos & Chemelil	16-18	Sub-Humid 80,	▪ High Sucrose content (15% pol)

							Humid 100	
Variety name/code	**Official Release name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seedling source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Cane yield (t ha^{-1})**	**Special attributes**
35. 00-13	KEN 00-13	2014	KESREF	KESREF (KIBOS)	Sony, Muhoroni, Chemelil & Nzoia	15-17	Sub-Humid 92, Humid 142	▪ Early maturity ▪ High sucrose content(12-16% pol) ▪ High yields
36. 00-3548	KEN 00-3548	2014	KESREF	KESREF (KIBOS)	Nzoia	16-18	Sub-Humid 77, Humid 100	▪ Immune to Smut ▪ High sucrose content(13% pol) ▪ Good Ratooning
37. 00-3811	KEN 00-3811	2014	KESREF	KESREF (KIBOS)	Mumias & Sony	16-18	Sub-Humid 90, Humid 133	▪ High yield ▪ High sucrose content(13% pol)
38. 00-5873	KEN 00-5873	2014	KESREF	KESREF (KIBOS)	Nzoia & Kibos	16-18	Sub-Humid 87, Humid 105	▪ Immune to Smut Disease ▪ Sucrose content of 12% pol
39. 98-367	KEN 98-367	2014	KESREF	KESREF (KIBOS)	Nzioa, Mumias, Chemelil & Sony	15-17	Sub-Humid - 84, Humid -127	▪ Early Maturity ▪ Sucrose content of 13% pol
40. KEN 95 - 378	KEN 95 – 378	2022	KALRO - SRI	KALRO - SRI	Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil,	14 - 1 6 (Plant Crop), 12 - 15 (Ratoon Crop)	110-115, (per crop cycle)	▪ Early maturing, High pol% cane 12.5 – 13.8 ▪ Average fibre 16.4 % ▪ Intermediate resistance to smut ▪ Good ratooning ability

					Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony			▪ Wide adaptability ▪ Tolerant to lodging, and abiotic stress
Variety name/code	**Official Release name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seedling source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Cane yield (t ha^{-1})**	**Special attributes**
41. KEN 95 - 593	KEN 95 – 593	2022	KALRO - SRI	KALRO - SRI	Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony	14 - 1 6 (Plant Crop), 12 - 15 (Ratoon Crop)	80-100 (per crop cycle)	▪ Early maturing ▪ High Pol % cane 12 - 14.3 ▪ Fibre 16.1% ▪ Good ratooning ability ▪ Tolerant to lodging, and abiotic stress ▪ Inter resistance to smut ▪ Wide adaptability
42. KEN 97 - 102	KEN 97 – 102	2022	KALRO - SRI	KALRO - SRI	Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale	14 - 1 6 (Plant Crop), 12 - 15 (Ratoon Crop)	120-130 (per crop cycle)	▪ High Pol % cane 12 - 14.1 ▪ Fibre 16.2% ▪ Early maturing ▪ Resistant to smut ▪ Good ratooning ability ▪ Easily detrashing ▪ Wide adaptability

					Muhoroni, Mumias, Nzoia, Mara and Sony			
Variety name/code	**Official Release name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seedling source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Cane yield (t ha^{-1})**	**Special attributes**
43. KEN 97 - 131	KEN 97 - 131	2022	KALRO - SRI	KALRO - SRI	Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony	14 - 1 6 (Plant Crop), 12 - 15 (Ratoon Crop)	110-115 (per crop cycle)	▪ High pol % cane 12.3 - 14.0 ▪ Fibre 16.6% ▪ Early maturing ▪ Good ratooning ability ▪ Tolerant to lodging, smut, mosaic and RSD ▪ Easily detrashing ▪ Wide adaptability
44. KEN 97 - 215	KEN 97 – 215	2022	KALRO - SRI	KALRO - SRI	Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias,	14 - 1 6 (Plant Crop), 12 - 15 (Ratoon Crop)	90-115 (per crop cycle)	▪ High pol % cane 12 - 13.8, Fibre 16.4% ▪ Early maturity ▪ Easily detrashing ▪ Moderate ratooning ability ▪ Tolerant to RSD and Mosaic

					Nzoia, Mara and Sony			
Variety name/code	**Official Release name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seedling source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Cane yield (t ha^{-1})**	**Special attributes**
45. KEN 97 - 317	KEN 97 – 317	2022	KALRO - SRI	KALRO - SRI	Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony	14 - 1 6 (Plant Crop), 12 - 15 (Ratoon Crop)	110-115 (per crop cycle)	▪ High pol % cane 12.2 - 14.4 ▪ Fibre 16.1% ▪ Early maturity ▪ Moderate ratooning ability ▪ Tolerant to mosaic and RSD ▪ Wide adaptability ▪ Easily detrashing

6. NATIONAL CASSAVA VARIETY LIST

Species: ***Manihot esculentum***

Variety name/code	Year of release	Owner(s)	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Root yield (tha-1 y-1)	Special attributes
1. Kaleso	1969	KARI	KARI-Mtwapa	1-1500	12-18	25-30	▪ Low cyanide
2. Guzo	1969	KARI	KARI-Mtwapa	1-700	12-15	20-40	▪ Resistant to CMV
3. 5543/156	1969	KARI	KARI-Mtwapa	1-500	12-14	30-55	▪ High cyanide
4. KME 1	2000	KARI	KARI-Katumani	250-1500	12-14	20	▪ Low cyanide
5. KME 61	2000	KARI	KARI-Katumani	250-1500	14	35	▪ Low cyanide ▪ Early maturity
6. MUCERICERI	2000	KARI	KARI-Katumani	250-1750	12-14	20	▪ Low cyanide ▪ Early maturity
7. Shibe	2008	KARI	KARI	15-1200	8-12	70.1	▪ Resistant to CMV ▪ Tolerant to CBSD ▪ Straight stems ideal for intercropping
8. Tajirika	2008	KARI	KARI	15-1200	8	63.3	▪ Resistant to CMV ▪ Tolerant to CBSD ▪ Straight stems ideal for intercropping
9. Siri	2008	KARI	KARI	15-1200	8-12	57.7	▪ Resistant to CMV ▪ Tolerant to CBSD ▪ Straight stems ideal for intercropping
10. Nzalauka	2008	KARI	KARI	15-1200	6-8	52.9	▪ Resistant to CMV ▪ Tolerant to CBSD ▪ Straight stems ideal for intercropping
11. Karibuni	2008	KARI	KARI	15-1200	8-12	52.7	▪ High branching heights
12. Karembo	2008	KARI	KARI	15-1200	8	68.2	▪ Short with open structure
13. Siri	2008	KARI	KARI	15-1200	8-12	57.7	▪ Resistant to CMV ▪ Tolerant to CBSD, Very short ▪ No branches
14. Nzalauka	2008	KARI	KARI	15-1200	6-8	52.9	▪ Resistant to CMV ▪ Tolerant to CBSD

							▪ Straight stems ideal for intercropping
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Root yield (tha-1 y-1)**	**Special attributes**
15. Karibuni	2008	KARI	KARI	15-1200	8-12	52.7	▪ Resistant to CMV ▪ Tolerant to CBSD ▪ Straight stems ideal for intercropping
16. Karembo	2008	KARI	KARI	15-1200	8	68.2	▪ Short with open structure
17. KME2	2010	KARI	KARI KATUMANI	Warm, Semi-arid areas, 200 – 2000 m.a.s.l., Sweet in Taita Taveta districts. It also yields well in all the semi-arid areas	8-10	45	▪ Resistant to cassava mosaic disease ▪ Early maturing ▪ Low CNP ▪ Sweet ▪ Resistant to CMD ▪ Poundable
18. KME3	2010	KARI	KARI KATUMANI	Warm, Semi-arid areas, 200 – 2000 m.a.s.l. Sweet in Lower Makueni, Kitui and Mwingi districts. It also yields well in all the semi arid areas	8-10	40	▪ Resistant to CMD ▪ Resistant to cassava mosaic disease, maturing ▪ Low CNP ▪ Sweet ▪ Early Poundable
19. KME4	2010	KARI	KARI KATUMANI	Warm, Semi-arid areas, 200 – 2000 m.a.s.l. Sweet in upper makueni, machakos, Muranga South and Mbeere districts. It also yields well in all the semi arid areas	8-10	38	▪ Resistant to cassava mosaic disease ▪ Early maturing ▪ Low CNP ▪ Sweet ▪ Resistant to CMD, Poundable
20. UMOJA(KC2)	2024	KALRO	KALRO-KAKAMEGA	Altitude: 800 -1500 m.a.s.l AEZ: LM 2, LM 3, LM 4, LM 5, LM5-6, LM6 and UM5 Sites where testing was done: Busia, Siaya, Kakamega, Bungoma, Vihiga, Kisumu, Migori, Homabay, Nyamira, Elgeyo-Marakwet, Embu,	10-12	35-40	▪ Resistant to Cassava Mosaic Virus (CMV)-Score of 1/5 ▪ Tolerant to Cassava Brown Streak Disease (CBSD)-Score of 2/5 ▪ Low Cyanide content(3/9)

				Kirinyaga, Nyeri,Meru, Tharaka Nthi			
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Root yield (tha-1 y-1)**	**Special attributes**
21. KC3(Mwavuli)	2024	KALRO	KALRO-KAKAMEGA	Altitude: 800 -1500 m.a.s.l AEZ: LM 2, LM 3, LM 4, LM 5, LM5-6, LM6 and UM5 Sites where testing was done: Busia, Siaya, Kakamega, Bungoma, Vihiga, Kisumu, Migori, Homabay, Nyamira, Elgeyo-Marakwet, Embu, Kirinyaga, Nyeri,Meru, Tharaka Nthi	10-12	40-45	▪ Resistant to Cassava Mosaic Virus (CMV)-Score of 1/5 ▪ Tolerant to Cassava Brown Streak Disease (CBSD)-Score of 1/5 ▪ Low Cyanide content(3/9)
22. NDUMA(KC6)	2024	KALRO	KALRO-KAKAMEGA	Altitude: 800 -1500 m.a.s.l AEZ: LM 2, LM 3, LM 4, LM 5, LM5-6, LM6 and UM5 Sites where testing was done: Busia, Siaya, Kakamega, Bungoma, Vihiga, Kisumu, Migori, Homabay, Nyamira, Elgeyo-Marakwet, Embu, Kirinyaga, Nyeri,Meru, Tharaka Nthi	10-12	30-32	▪ Resistant to Cassava Mosaic Virus (CMV)-Score of 1/5 ▪ Tolerant to Cassava Brown Streak Disease (CBSD)-Score of 1/5 ▪ Low Cyanide content(3/9) ▪ Good for cooking(fresh market)
23. SELINA(KC6)	2024	KALRO	KALRO-KAKAMEGA	Altitude: 800 -1500 m.a.s.l AEZ: LM 2, LM 3, LM 4, LM 5, LM5-6, LM6 and UM5 Sites where testing was done: Busia, Siaya, Kakamega, Bungoma, Vihiga, Kisumu, Migori, Homabay, Nyamira, Elgeyo-Marakwet, Embu, Kirinyaga, Nyeri,Meru, Tharaka Nthi	10-12	40-45	▪ Resistant to Cassava Mosaic Virus (CMV)-Score of 1/5 ▪ Tolerant to Cassava Brown Streak Disease (CBSD)-Score of 2/5 ▪ Low Cyanide content(3/9)

7. NATIONAL IRISH POTATO VARIETY LIST

Species: *Solanum tuberosum L.*

a) Conventional Management

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha^{-1})	Special attributes
1. Roslin Eburu (B53)	1953	KARI	KARI-Tigoni	2000-2800	4 - 4.8	25-35	▪ Very good storability
2. Dutch Robijn	1960's	KARI	KARI-Tigoni	1600-2600	4-5	35-40	▪ Good storage and crisping quality
3. Kerr's Pink	1960's	KARI	KARI-Tigoni	1400-2700	2-3	25-30	▪ Tolerant to drought, Good mashing and roasting quality
4. Anett	1972	KARI	KARI-Tigoni	1400-2400	2.5 – 3	30-35	▪ Fairly tolerant to late blight
5. Desiree	1972	KARI	KARI-Tigoni	1800-2600	4 - 4.8	35-40	▪ Good storage
6. Kenya Baraka	1973	KARI	KARI-Tigoni	1600-2700	2.6 – 4	30-35	▪ Fairly tolerant to drought ▪ Good storage quality
7. Roslin Tana	1974	KARI	KARI-Tigoni	1800-2600	2-3	35-45	▪ Good chipping quality
8. Roslin Bvumbwe	1974	KARI	KARI-Tigoni	1800-2600	2-3	35-45	▪ Good chipping quality
9. Kenya Dhamana	1988	KARI	KARI-Tigoni	1800-2600	2-3	30-40	▪ Good mashing quality
10. Kenya Chaguo	1988	KARI	KARI-Tigoni	1800-2600	2-3	30-40	▪ Good mashing quality
11. Tigoni	1998	KARI	KARI-Tigoni (Limuru)	1800-2600	3-4	35-45	▪ Good chipping, boiling & mashing quality ▪ Tolerant to late blight
12. Asante	1998	KARI	KARI-Tigoni	1800-2600	3-4	35-45	▪ Good chipping, boiling and mashing quality ▪ Fairly tolerant to late blight.
13. Purple Gold.	2010	KARI/CIP	KARI-Tigoni/PQS	1800-3000	4.0-4.5	20-35	▪ Round tubers ▪ Dark purple skin colour ▪ Shallow eye depth ▪ White flesh colour ▪ Moderately resistant to late blight ▪ Good storability/resistant to greening

							▪ High tuber uniformity (80%) ▪ Long dormancy ▪ Very good crisping qualities ▪ Also good for table , mashing and roasting
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Tuber yield (t ha-^{1})**	**Special attributes**
14. Kenya Mpya.	2010	KARI/CIP	KARI-Tigoni/PQS	1400-3000	3.0-3.5	35-45	▪ Oval /round tubers, Early tuberization: large size tubers ▪ Cream white skin colour with pink eyes ▪ Shallow eye depth ▪ Cream white flesh colour ▪ Resistant to late blight ▪ Good storability ▪ Short dormancy ▪ Good for table ,chips and mashing ▪ Wide adaptability
15. Sherekea	2010	KARI/CIP	KARI-Tigoni/PQS	1800-3000	3.5-4.0	40-50	▪ Oblong/round tubers ▪ High number of tubers per plant ▪ Red skin colour ▪ Medium eye depth ▪ Cream flesh colour ▪ Highly resistant to late blight and viruses ▪ Good storability ▪ Intermediate dormancy ▪ Good for table ,crisp and mashing
16. Arnova	2013	Agrico U.A.	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3-3.5	40	▪ Skin colour yellow ▪ Flesh colour yellow ▪ Tuber shape oval-long ▪ Drymatter content 18.2%.

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-^{1})	Special attributes
17. Arizona	2013	Agrico U.A.	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3-3.5	45	▪ Skin colour yellow ▪ Flesh colour yellow ▪ Tuber shape oval ▪ Drymatter content 17.2%.
18. Rudolph	2013	Agrico U.A.	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4	40	▪ Skin colour red ▪ Flesh colour is white ▪ The tuber shape oval round ▪ Dry matter content 20%.
19. Connect	2013	Aardappelkweek-en selectiebedrijf IJsselmeerpolders BV	Den Hartigh BV	All Regions suitable for potato production	3.5-4	40-60	▪ Phytophthora resistant ▪ No flowering ▪ Not sensitive to day length ▪ Short cooking time, Suitable to make home French fries.
20. SARPO MIRA	2014	Danespo A/S	Africalla	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	45	▪ Extreme good resistance to late blight in foliage ▪ Drought tolerance
21. MANITOU	2014	Agrico U.A	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok,	4	45	▪ Red skin, Crème flesh ▪ Dry matter content 20%

				Bomet, Timboroa and all regions suitable for potato production			▪ Good resistance to scab, erwinia, and tuber blight ▪ Suitable for home-made French fries, and fresh potatoes
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Tuber yield (t ha^{-1})**	**Special attributes**
22. SAVIOLA	2014	Agrico U.A	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	42.5	▪ Long oval-shaped big size tuber ▪ High yielding medium early variety ▪ White skin and crème flesh tubers ▪ Fresh potatoes
23. TOLUCA (AR97-1385)	2014	Agrico U.A.	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4	25-30	▪ Late blight resistance ▪ High dry matter content ▪ Suitable for French fries and crisps ▪ Shallow eyes ▪ Medium term storage ▪ Excellent cooking quality- rather firm
24. MAYAN GOLD	2014	Greenvale plc, Agree to not for profit release to Kenyan farmers	MMUST/KARI-Tigoni	Meru, Embu, Molo Mt. Elgon, Kiambu Njabin and other potato growing areas areas	4	20-30	▪ Tubers have smooth skin, yellow flesh, eyes medium depth, no skin pigment ▪ Fairly resistant to late blight on foliage (phytophthora infestans) and powdery scab(spongospora subterranean) ▪ Fairly resistant to PVY and PLRV ▪ Good cooking quality.

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-^{1})	Special attributes
25. CARUSO	2014	Saka-Ragis	Den Hartigh	Narok, Molo, Kibirichia, Tigoni, Timau and other potato growing areas	3.5-4	25-30	▪ High yielding crisping variety ▪ Low content of reducing sugars ▪ Round shape with shallow eyes ▪ Resistant to PCN Ro1-4 ▪ High resistance to late blight, tuber blight, common scab and internal rust spot.
26. DESTINY (SL99-4005)	2015	Agrico U.A	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	6	50	▪ Multi-purpose, table, crisp.
27. SHANGI	2015	KALRO	KALRO NPRC-TIGONI	Mid- to high altitude areas. (1500-2800 masl) of Nyandarua, Nakuru, Kiambu, Narok, Meru.	3-4	30-40	▪ Early maturity ▪ Short dormancy ▪ Highly prolific ▪ Fast cooking ▪ Versatile use i.e. can be used for domestic consumption and processing into chips and crisps.
28. RUMBA	2015	Owner-Böhm-nordkartoffel agrarproduktion; Licencee-Europlant Pflanzenzucht ;	Bioplant GmbH, GERMANY	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4- 5	50	▪ Resistant to PCN ▪ Resistance to common scab , spraing, mechanical damage

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-^{1})	Special attributes
29. CIP393077.159	2015	CIP	CIP SSA & KALRO TIGONI	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3-3.5	17	▪ Moderate resistance to late blight ▪ Resistance to Potato Leaf Roll Virus and Potato Virus-X
30. CAROLUS	2015	AGRICO U.A	AGRICO EAST AFRICA LTD.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4	18	▪ Table, French fries.
31. LAURA	2016	Owner: BÖHM-NORDKARTOFFEL AGRARPRODUKTION GmbH & Co. Licensee EUROPLANT PFLANZENZUCHT GmbH	Bioplant GmbH,	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4-5	15-19	▪ Processing variety: French Fries ▪ Medium cooking (B) ▪ Short dormancy
32. Lady Amarilla	2016	C. Meijer B.V.	C. Meijer B.V.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions	3	12-18	▪ Processing, Long storage

				suitable for potato production.			
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Tuber yield (t ha^{-1})**	**Special attributes**
33. UNICA	2016	CIP	CIP & KALRO	Lowlands and highlands tropics, 1200-m asl	3-4	40-45	▪ Resistance to PVX, PVY and PLRV ▪ Moderately resistance to Root Knot Nematode ▪ Good processing and also table variety ▪ Moderately light chipping colour ▪ Rich in vitamins C, Iron and Zinc
34. Lenana	2017	CIP SSA	CIP SSA & KALRO	Upper Highlands to Upper Midland	3-4	40-50	▪ Tolerant to; - Late Blight, Potato Virus X & Potato Leaf Roll Virus ▪ Dry Matter 22% ▪ Good for French Fries & crisps;
35. Wanjiku	2017	CIP SSA	CIP SSA & KALRO	Upper Highlands to Upper Midland	3.5-4	50-60	▪ Tolerant to; - Late Blight, Potato Virus X & Extremely Tolerant to Potato Virus Y ▪ Dry Matter 21% ▪ Good for French Fries & crisps.
36. Nyota	2017	CIP SSA	CIP SSA & KALRO	Upper Highlands to Upper Midland	3-4	35-45	▪ Tolerant to Late Blight ▪ Tolerant to heat ▪ Dry Matter 20% ▪ Table variety.
37. Chulu	2017	CIP SSA	CIP SSA & KALRO	Upper Highlands, Upper Midland & parts of Lower midlands	3.5-4	35-45	▪ Tolerant to; - Late Blight & Potato Virus X ▪ Tolerant to heat ▪ Dry Matter 24% ▪ Table and processing variety.
38. Acoustic	2017	C. Meijer BV	C. Meijer BV	Timau, Tigoni, Molo, Narok, Bomet,	4-5	60	▪ Resistance toward late blight, wart disease fysio 1,Globodera

				Timboroa and all regions suitable for potato production			rostochiensis pathotype 1
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Tuber yield (t ha-^{1})**	**Special attributes**
39. Rams	2020	Narayani Ramnathan	Narayani Ramnathan and ADC	Altitude: 1000-3000 masl. AEZ: UH 2-3,UM 1-2, LH 1-2. Sites:Kajiado ,Kiambu, Limuru, Molo,Timau, Kamae,Isinya,Cherangany,Nyandarua and Narok	3-4	25-30	▪ High Dry Mater content (24%) ▪ It is suitable for chips and Crips ▪ Oil consumption is optimum ▪ Outcome of crisp color will be whitish cream ▪ It is the processing variety ▪ Tolerant to blight and bacterial wilt ▪ Good tuber setting.
40. ELDO IP1	2023	University of Eldoret	University of Eldoret	Altitude: from 2100 to 2700 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Marakwet,Laikapia , and Uasin Gishu Counties	3-3.5	20-30	▪ One month dormancy ▪ White skin ▪ White flesh ▪ Early maturing ▪ Good for chopping
41. ELDO IP2	2023	University of Eldoret	University of Eldoret	Altitude: from 2300 to 3000 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Marakwet,Laikapia , and Uasin Gishu Counties	4-4.5	20-30	▪ Long dormancy ▪ Deep red skin ▪ White flesh ▪ Good for table

b). High Input Intensive Management

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-[1])	Special attributes
1. MUSICA	2014	C. Meijer BV	C. Meijer BV	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	60	▪ Resistance toward wart disease fysio 1, G. rostochiensis pathotype 1 and 2/3 ▪ Partial resistance towards G. pallida pathotype 2
2. ROYAL	2014	C. Meijer BV	Africalla	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4	60-80	▪ High dry matter content and low sugar content ▪ Very suitable for French fries (chips) , Crisps, flakes and granulate
3. JELLY	2014	Danespo A/S	EUROPLANT Pflanzenzucht GmbH	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	5	55	▪ Purpose: French Fries, ware potato ▪ Medium cooking (B) ▪ Very low discoloration after boiling ▪ Yellow skin, yellow flesh ▪ Late blight, bacterial wilt, virus resistance ▪ Good Drought and heat tolerance ▪ Short dormancy ▪ High marketable yields ▪ Medium sized to large sized tubers ▪ Uniform grading

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-1)	Special attributes
4. EL MUNDO	2014	Kartoffelzucht Böhm GmbH & Co. KG	Africalla	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4-5	80	▪ Drought tolerance ▪ Late blight tolerance
5. FALUKA	2014	KWS Potato B.V	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3.5-4	42.5	▪ long shape Tubers ▪ White skin with white flesh tubers ▪ Utilization -Fresh potatoes
6. MARKIES	2014	Agrico U.A	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4	40	▪ Long oval shape, White skin ▪ Crème flesh tubers ▪ Strong canopy ▪ Tolerant to drought stress ▪ High dry matter ▪ Good storability ▪ Good for French fries, crisps, chips and fresh consumption, multipurpose variety
7. SAGITTA	2014	HZPC Holland B.V.	HZPC Holland B.V., Field and in-vitro maintenance	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3.5-4	65-70	▪ Multipurpose variety: French Fries, Fresh, Crisps ▪ Good dry matter content ▪ Medium long dormancy ▪ Suitable for second crop ▪ Medium early ▪ Resistant to viruses and cyst nematodes

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-1)	Special attributes
8. DERBY	2014	HZPC Holland B.V.	HZPC Holland B.V., Field and in-vitro maintenance	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3.5-4	70-75	▪ Early maturing ▪ Good resistance to Late Blight ▪ Multipurpose variety: Crisps, French fries, fresh ▪ Short dormancy ▪ Good dry matter content ▪ Good scab and virus resistance ▪ Resistant to cyst nematodes
9. AMBITION (AR 96-0010)	2014	Agrico U.A.	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4.5-5	65-70	▪ Good for French fries ▪ Easy to grow ▪ Vigorous plants ▪ Large uniform oval/long big tubers ▪ Shallow eyes ▪ Moderate dry matter content ▪ Good resistance to Fusarium, Erwinia, PotatoCyst Nematode Ro 1and 4, Yntn-virus
10. TAURUS	2015	HZPC Holland B.V. The Netherlands	HZPC Holland B.V. department HZPC R&D	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4	40	▪ Variety is suitable for processing, especially for the production of crisps.
11. KURODA	2015	AGRICO U.A.	AGRICO EAST AFRICA LTD.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	6	50	▪ Fresh table consumption

12. ZAFIRA	2015	AGRICO U.A.	AGRICO EAST AFRICA LTD.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	6	51	▪ Fresh table consumption
13. MILVA	2015	Saatzucht Berding, Am Jadebusen36 , D-26345 Bockhorn-Petersgroden, GERMANY	EUROPLANT PFLANZENZUCHT GmbH, P.O. Box 1380, D-21303 Lüneburg, GERMANY	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3-4	44	▪ Fresh market potato variety ▪ Good resistance to Potato Cyst Nematode, late blight, Black legand common Scab
14. CHALLENGER	2015	HZPC Holland B.V. The Netherlands	HZPC Holland B.V	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4.5	42.4	▪ Very suitable for the processing industry (french fries) and fresh market ▪ Good resistance to Alternaria and Common scab.
15. 15. EVORA	2015	HZPC Holland B.V. The Netherlands	HZPC Holland B.V	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3.5-4	46.4	▪ Fresh market variety ▪ Early maturing
16. PANAMERA	2015	HZPC Holland B.V. The Netherlands	HZPC Holland B.V	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4.5-5	59.2	▪ Highly tolerant to climatic stress ▪ Good Late blight and scab resistance ▪ Good dry matter content ▪ Fresh market variety
17. RODEO	2015	HZPC Holland B.V. The Netherlands	HZPC Holland B.V	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4.5	49.6	▪ Fresh market variety with good dry matter content ▪ Moderate resistance to Common scab

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-1)	Special attributes
18. SIFRA	2015	HZPC Holland B.V. The Netherlands	HZPC Holland B.V	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4.5	49.5	▪ Big size tubers ▪ Resistant to cyst nematodes and Wart disease ▪ Good resistance to Common scab ▪ Good dry matter content ▪ Fresh market variety
19. VOYAGER	2015	HZPC Holland B.V. The Netherlands	HZPC Holland B.V	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4.5	49.5	▪ Good yield ▪ Good late blight resistance ▪ Suitable for fresh market and French Fries ▪ Good Common scab resistance.
20. Farida	2018	HZPC Holland B.V. The Netherlands	HZPC Holland B.V. department HZPC R&D, The Netherlands	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	22	▪ Variety is suitable for fresh market ▪ Has a good consumption quality ▪ Variety has a good resistance to Alternaria Common scab and Late Blight.
21. Rock	2018	C. Meijer BV	C. Meijer BV	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	18	▪ Resistance toward wart disease fysio 1, G. rostochiensis pathotype 1 and pathotype 2/3, Resistance toward G. Pallida fysio 2.
22. Lady Terra	2018	C. Meijer BV	C. Meijer BV	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	23	▪ Resistance toward wart disease fysio 1 and G. rostochiensis pathotype 1.

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-1)	Special attributes
23. ZARINA	2018	IPR B.V. The Netherlands	IPR B.V. Maintenance in the field and in-vitro	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	45	▪ Variety is suitable for fresh market ▪ Has a good consumption quality ▪ Also suitable for home & fries ▪ Variety has an attractive skin and regular shape.
24. Lady Balfour	2019	James Hutton Ltd	Greenvale AP	Altitude: 1800-2600 masl, Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha	3-4	53-74	▪ Table variety; grown as organic in UK (low input variety) ▪ Exceptional vigour under low fertility ▪ Highly resistant to late blight, powdery scab, blackleg and potato virus Y ▪ Moderately drought tolerant
25. Gemson	2019	James Hutton Ltd	Grampian Growers	Altitude: 1800-2600 masl, Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha	3-4	42-48	▪ Table, salad variety ▪ Consistently produces white flesh tubers ▪ Resistant to potato leafroll virus and blackleg
26. Sorrento	2019	James Hutton Ltd	Greenvale AP	Altitude: 1800-2600 masl, Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha	3-4	41-53	▪ Table and chipping variety ▪ Good resistance to late blight and powdery scab ▪ Moderately drought tolerant

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-1)	Special attributes
27. Reiver	2019	James Hutton Ltd	SASA	Altitude: 1800-2600 masl, Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha	3-4	46-49	▪ Resistant to PCN (G rostochiensis), and tuber blemish diseases
28. Cara	2019	Irish Potato Marketing	Irish Potato Marketing	Altitude: 1800-2600 masl, Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha	3-4	47-64	▪ All-rounder including chips ▪ Resistant to PCN (G rostochiensis), late blight, blackleg and potato virus Y ▪ Moderately drought tolerant
29. Java	2021	Owner: Teagasc, Global Licensee: IPM Potato, Group Limited, Sub-licensee, Kenya: Kirinyaga, Seeds Limited	SASA Edinburgh,scotland , UK Stokman Rozen,Naivasha, Kenya	Altitude:1000 — 3000, m.a.s.1, AEZ: UH 1-3, LH-1-3, UM1-3, Sites: Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Kirinyaga, West Pokot, Trans Nzoia, Bungoma, Uasin Gishu, Nyeri, Elgeyo-Marakwet	3-4	40-50	▪ Very high resistance to Phytophthora ▪ Suitable for making ▪ Suitable for long storage ▪ Resistant to tuber blight, foliage blight, common
30. Buffalo	2023	Teagasc Global licensee: IPM Potato Group Ltd Sub -licensee Kenya:Kiriny aga seeds Ltd	SASA Edinburgh,scotland , UK Stokman Rozen,Naivasha, Kenya	Altitude: from1000 to 3000 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Nyandarua, Meru, Bomet, Narok,Nakuru,Kericho,Laikipia, Kiambu,	3-4	30-50	▪ Table market variety with large round tubers and attractive skin finish ▪ Suitable for cooking ▪ Good for storage

				Kirinyaga, West Pokot, Trans nzoia, Bungoma, Uasin Gishu, Nyeri, Elgeyo-Marakwet			
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Tuber yield (t ha-^{1})**	**Special attributes**
31. Maverick	2023	Teagasc Global licensee: IPM Potato Group Ltd Sub -licensee Kenya:Kiriny aga seeds Ltd	SASA Edinburgh,scotland , UK Stokman Rozen,Naivasha, Kenya	Altitude: from1000 to 3000 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Nyandarua, Meru, Bomet, Narok,Nakuru,Kericho,Laikipia, Kiambu, Kirinyaga, West Pokot, Trans nzoia, Bungoma, Uasin Gishu, Nyeri, Elgeyo-Marakwet	3-4	30-50	▪ Suitable for french fries
32. CAYMAN	2023	HZPC	HZPC	Altitude: 1300-3000 m.a.s.l AEZ: UH1-3, LH1-3,UM1-3 Sites:Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Uasin Gishu, Nyeri,Elgeyo-Marakwet	3-4	50-80	▪ Stable for french fries and crips (Dry matter content of 21.5%)
33. ELDO IP1	2023	University of Eldoret	University of Eldoret	Altitude: from 2100 to 2700 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Marakwet,Laikapia, and Uasin Gishu Counties	3-3.5	20-30	▪ One month dormancy ▪ White skin ▪ White flesh ▪ Early maturing ▪ Good for chopping

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha-1)	Special attributes
34. ELDO IP2	2023	University of Eldoret	University of Eldoret	Altitude: from 2300 to 3000 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Marakwet,Laikapia, and Uasin Gishu Counties	4-4.5	20-30	▪ Long dormancy ▪ Deep red skin ▪ White flesh ▪ Good for table
35. SOLHY007	2024	Agventure BV, Dreijenlaan 2, 6703 HA,Wageningen, the Netherlands Doing business as: Solynta	Agventure BV, Dreijenlaan 2, 6703 HA,Wageningen, the Netherlands Doing business as: Solynta	Altitude: 1300-3000 m.a.s.l AEZ: UH1-3, LH1-3,UM1-3 Sites:Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Uasin Gishu, Nyeri,Elgeyo-Marakwet	3-4	20-30	▪ Delivered as True Potato Seeds ▪ Round- oval potato with yellow skin and medium yellow flesh that is well suited for the fresh market ▪ Shallow eyes ▪ Cooking type: fairly- firm ▪ Dry matter: 18%
36. SOLYHY012	2024	Agventure BV, Dreijenlaan 2, 6703 HA,Wageningen, the Netherlands Doing business as: Solynta	Agventure BV, Dreijenlaan 2, 6703 HA,Wageningen, the Netherlands	Altitude: 1300-3000 m.a.s.l AEZ: UH1-3, LH1-3,UM1-3 Sites:Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Uasin Gishu, Nyeri,Elgeyo-Marakwet	3-4	20-30	▪ Delivered as True Potato Seeds ▪ Oval potato with yellow skin and yellow flesh that is well suited for the fresh market ▪ Shallow eyes ▪ Cooking type: fairly- firm ▪ Dry matter: 20%
37. SOLHY015	2024	Agventure BV, Dreijenlaan 2, 6703 HA,Wageningen, the Netherlands Doing business as: Solynta	Agventure BV, Dreijenlaan 2, 6703 HA,Wageningen, the Netherlands Doing business as: Solynta	Altitude: 1300-3000 m.a.s.l AEZ: UH1-3, LH1-3,UM1-3 Sites:Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Uasin Gishu,	3-4	30-40	▪ Delivered as True Potato Seeds ▪ Highly resistant to Late Blight ▪ Oval potato with yellow skin and medium yellow flesh that is well

				Nyeri,Elgeyo-Marakwet			suited for the fresh market ▪ Medium eyes ▪ Cooking type: fairly- firm ▪ Dry matter: 20%
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Tuber yield (t ha-^{1})**	**Special attributes**
38. NAPOLEON	2024	Agrico U.A	Agrico East Africa Ltd.	Altitude: 1300-3000 m.a.s.l AEZ: UH1-3, LH1-3,UM1-3 Sites:Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Uasin Gishu, Nyeri,Elgeyo-Marakwet	3.5-4	52-72	▪ Processing:crisps ▪ High dry matter 24% ▪ Processing quality also after long storage Strong canopy ▪ Round oval tuber shape with shallow eyes

8. NATIONAL MAIZE VARIETY LIST

Species: ***Zea mays L.***

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha^{-1})	Special attributes
1. H512	H512	1970	Kenya Seed Co/KARI.	Kenya Seed Co/KARI.	1200-1600	4-5	5-7	▪ Large kernels
2. CCM	CCM	1974	Kenya Seed Co/KARI	Kenya Seed Co. Ltd	1-1200	4-5	5-7	▪ Heat tolerant
3. H625	H625	1981	KARI/Kenya Seed Co.	Kenya Seed Co/KARI	1500-2100	6-8	8-10	▪ Prolific Good husk cover
4. H614D	H614D	1986	Kenya Seed Co/ KARI	Kenya Seed Co. Ltd /K.A.R.I-	1500-2100	6-9	8-10	▪ Stable over locations and seasons Semi flint
5. H611D	H611D	1986	KARI/Kenya Seed Company	KARI/Kenya Seed Company	1700-2400	6-9	7.8	▪ Frost tolerant
6. H612D	H612D	1986	KARI/Kenya Seed Company	KARI/Kenya Seed Company	1500-2100	6-8	7.8	▪ Semi flint
7. H613D	H613D	1986	KARI/Kenya Seed Company	KARI/Kenya Seed Company	1500-2100	6-8	8-10	▪ Semi flint
8. H632	H632	1964	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1200-1700	5-7	6-8	▪ Large kernels Dent
9. H622	H622	1965	Kenya Seed Co/KARI	Kenya Seed Co/KARI.	1200 - 1700	5-7	6-8	▪ Large kernels Dent
10. H511	H511	1967	Kenya Seed Co/KARI	Kenya Seed Co/KARI.	1000 - 1500	4-5	6-4	▪ Medium maturity
11. KATCB	KATCB	1967	Kenya Seed Co/KARI	Kenya Seed Co/KARI.	900-1350	3-4	5-3	▪ Early maturing
12. H6211	H6211	2001	Kenya Seed Co	Kenya Seed Co.	1500-2100	6-8	14-9	▪ Early ▪ Short ▪ Semi flint
13. H6212	H6212	2001	Kenya Seed Co.	Kenya Seed Co.	1500-2100	6-8	15-10	▪ Short, semi flint ▪ Resistant to ear rot

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
14. FS650	FS650	2001	OCD (Faida Seeds)	OCD (Faida Seeds)	1500-2200	5-7	9-8	▪ Tolerant to maize streak virus ▪ Good yielder ▪ Flint kernels
15. KH634A	KH634A	2001	KARI	KARI Kakamega	1400-1800	3-5	5-6	▪ Resistant to blight, Grey leaf spot
16. KH600-15A	KH600-15A	2001	KARI	KARI-Kitale	1800-2500	6-8	7-8	▪ Good stand ability
17. KH600-16A	KH600-16A	2001	KARI-Kitale	KARI-Kitale	1800-2500	6-8	7-8	▪ Stable ▪ Good standability
18. PAN 99	PAN 99	2001	Pannar Seed Co.	Pannar Seed (K)	1000-2000	5-6	7-8	▪ Grey leaf spot tolerant ▪ Drought tolerant
19. PAN 5243	PAN 5243	2001	Pannar Seed Company (S.A)	Pannar Seed (K) Ltd	800-1800	4-5	7-8	▪ Tolerant to grey leaf spot and northern leaf blight Prolific
20. PAN 67	PAN 67	2001	Pannar Seed Company (S.A)	Pannar Seed (K) Ltd	800 - 1600	4-5	5-6	▪ Resistant to maize streak virus ▪ Tolerant to low soil nitrogen
21. H516	H516	2001	Kenya Seed Co.	Kenya Seed Co.	1200-1500	4-5	7-9	▪ Resistant to blight, rust and lodging
22. DH04	DH04	2001	Kenya Seed Co.	Kenya Seed Co.	900 - 1500	3-4	5-6	▪ Short stature
23. DH05	DH05	2001	Kenya Seed Co.	Kenya Seed Co.	900 - 1500	3-4	7-5	▪ High yielding and early maturing
24. PAN 691	PAN 691	2001	Pannar Seed Ltd	Pannar Seed (K) Ltd	1700-2400	6-9	7-8	▪ Grey leaf spot tolerant ▪ Good standability ▪ Low ear placement
25. Masen o Doubl e Cobbe r	Mase no Doub le Cobb er	2002	Lagrotec h Seed Co.	Lagrotech Seed Co.	1000-1600	3-4	4-6.8	▪ Prolific-frequency of 30-80%) ▪ Flint kernels
26. PHB30 H83	PHB3 0H83	2002	Pioneer Hibred	Pioneer Hibred, Zimbabwe	1000-2000	5-6	8-11	▪ Grey leaf spot tolerant ▪ Ear rot resistance

			Zimbambwe					
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
27. H6213	H6213	2002	Kenya Seed Co.	Kenya Seed Co.	1600-2200	6-8	10-15	▪ High yield ▪ Drought tolerant
28. H626	H626	1989	Kenya Seed Co/ KARI	Kenya Seed Co/ KARI	1500-2100	6-8	8-10	▪ Flint
29. PH1(Pwani Hybrid)	PH1 (Pwani Hybrid)	1989	Kenya Seed Co.	Kenya Seed Co.	1-12000	3-4	5-7	▪ Tolerant to lodging/strong stalks ▪ Drought tolerant
30. DLC1	DLC1	1989	Kenya Seed Co/ KARI	Kenya Seed Co/ KARI	800-1200	2-3	2-4	▪ Flint Very early
31. PAN 5195	PAN 5195	1995	Pannar	Pannar Seeds (K)	1000-1800	4-5	5-6.3	▪ Prolific ▪ Tolerant to maize streak virus
32. H627	H627	1995	KSC/KARI.	KSC/KARI.	1500-2100	6-8	9-12	▪ Semi-flint
33. PH 4	PH 4	1995	Kenya Seed Co.	Kenya Seed Co.	1-1200	3-5	6-8	▪ Heat tolerant ▪ Good standability ▪ Partial MSV resistance
34. DH01	DH01	1995	Kenya Seed Co.	Kenya Seed Co.	900-1400	3-4	4-6	▪ Early ▪ Stays green
35. H513	H513	1995	Kenya Seed Co.	Kenya Seed Co.	1200-1600	4-5	6-8	▪ Good standability
36. DH02	DH02	1995	Kenya Seed Co.	Kenya Seed Co.	900-1400	3-4	4-6	▪ Early, stays green
37. PHB 3253	PHB 3253	1996	Pioneer Hybrid	Pioneer Hybrid, Zimbabwe	800-1800	4-5	7-9	▪ Wide adaptation, Good standability
38. H623	H623	1999	Kenya Seed Co.	Kenya Seed Co.	1200-1700	5-7	7-9	▪ Prolific ▪ Large dent kernels
39. H628	H628	1999	Kenya Seed Co.	Kenya Seed Co.	1500 - 2100	6-8	9-12	▪ Flint
40. KH600-11D	KH600-11D	2000	KARI	KARI	1500-1800	6-9	7-8	▪ Good standability ▪ Stable performance
41. KSTP 94	KSTP 94	2000	KARI	KARI Kakamega	1350-1800	4-5	4-6	▪ Tolerant to Striga

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
42. CG4141	CG4141	2000	Monsanto	Monsanto (K)	900-1700	4-5	4-7	▪ Earliness Fast dry down
43. H629	H629	2000	Kenya Seed Co.	Kenya Seed Co.	1500-2100	6-8	9-11	▪ Semi dent
44. DH03	DH03	2000	Kenya Seed Co.	Kenya Seed Co.	900-1500	3-4	5-6	▪ Stays green ▪ Good standability
45. C5051	C5051	2000	Monsanto	Monsanto K. Ltd	1000-1800	4-5	5-8	▪ Moderately tolerant to maize streak virus ▪ Easy to shell
46. PAN 5355	PAN 5355	2000	Pannar Seed	Pannar Seed (K) Ltd	1000-1800	4-5	5-5.9	▪ Moderate MSV resistance
47. H515	H515	2000	Kenya Seed Co.	Kenya Seed Co.	1200-1500	4-5	6-8	▪ Lodge resistant
48. WH 699	WH 699	2002	Western Seed Company	Western Seed Company	1700-2200	6-8	7-9	▪ Tolerant to smut
49. WH 904	WH 904	2002	Western Seed Company	Western Seed Company	1000-1700	5-6	6-9	▪ Tolerant to streak virus
50. WS 909	WS 909	2002	Western Seed Company	Western Seed Company	0-1500	4-5	6-9	▪ Tolerant to striga
51. H6213	H6213	2002	Kenya Seed Company	Kenya Seed Company	1600-2200	6-8	9 -14.5	▪ Semi flint
52. H518	H518	2002	Kenya Seed Company	Kenya Seed Company	1400-1700	4-5	7-9	▪ Resistant to GLS, Rust, Blight
53. KH 600-17A	KH 600-17A	2002	KARI	KARI	1600-2300	5-6	7-11	▪ Good standability
54. KH 600-18A	KH 600-18A	2002	KARI	KARI	1600-2300	5-6	8-11	▪ Good disease tolerance
55. PAN 683	PAN 683	2003	Pannar Seed Company	Pannar Seed Company	2000	6-7	6.9	▪ Late maturity ▪ Excellent standability ▪ Excellent tip cover ▪ Resistant to grey leaf spot
56. PAN 33	PAN 33	2003	Pannar Seed Company	Pannar Seed Company	800-1800	5-6	5.3	▪ High yielding

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
57. WH 502	WH 502	2003	Western Seed Company	Western Seed Company	1000-1700	4-5	6-9	▪ Very tolerant to maize streak virus ▪ Tolerant to grey leafspot, northern leafblight, Striga ▪ Drought and low soil nitrogen tolerant.
58. WH 504	WH 504	2003	Western Seed Company	Western Seed Company	1000-2000	4.5-5.5	6-9	▪ Tolerant to maize streak virus, Grey leafspot and northern leaf blight ▪ Green stems at harvest suitable for animal fodder ▪ Tolerant to drought and low soil nitrogen
59. WH 505	WH 505	2003	Western Seed Company	Western Seed Company	500-2100	4.5-5.5	6-9	▪ Tolerant to maize streak virus, Grey leafspot and northern leaf blight ▪ Green stems at harvest suitable for animal fodder ▪ Tolerant low soil nitrogen
60. WH 509	WH 509	2003	Western Seed Company	Western Seed Company	1000-1700	5-6	6-9	▪ Tolerant to maize streak virus, Grey leafspot and northern leaf blight ▪ Tolerant to drought
61. WH 403	WH 403	2003	Western Seed Company	Western Seed Company	1000-1500	4.5	5-8	▪ Tolerant to leaf diseases ▪ Green stems at harvest suitable for animal fodder
62. WS 102	WS 102	2003	Western Seed Company	Western Seed Company	0-1200	3-3.8	2-3	▪ Tolerant to maize streak virus, drought and low soil nitrogen
63. WH501	WH501	2003	Western Seed Company	Western Seed Company	1300-1700	5-6	7-9	▪ Suitable for low input production ▪ Tolerant to grey leafspot, maize streak

								virus and northern leafblight
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
64. WH501	WH501	2003	Western Seed Company	Western Seed Company	1300-1700	5-6	7-9	▪ Suitable for low input production ▪ Tolerant to grey leafspot, maize streak virus and northern leafblight
65. WS 103	WS 103	2003	Western Seed Company	Western Seed Company	0-1500	3-4	3-4	▪ Tolerant to maize streak virus, grey leafspot, northern blight, drought and low soil nitrogen
66. H519	H519	2003	Kenya Seed Company	Kenya Seed Company	1200-1700	4-5	6.5	▪ Prolific Resistant to ear rots, rust, grey leaf spot, northern leaf blight, stem and root lodging ▪ Semi dent
67. H520	H520	2003	Kenya Seed Company	Kenya Seed Company	1400-1700	4-5	4.5	▪ Better resistance to northern blight, rust, ear rot, stem and root lodging ▪ Semi flint ▪ Good husk cover
68. H521	H521	2003	Kenya Seed Company	Kenya Seed Company	1000-1600	4-5.5	4.5	▪ More tolerant to grey leafspot, leafblight, root and stalk lodging ▪ Semi dent
69. H522	H522	2003	Kenya Seed Company	Kenya Seed Company	1200-1600	4-5	6.3	▪ Tolerant to grey leaf spot, Resistant to ear rot, root and stalk lodging ▪ Semi dent
70. H523	H523	2003	Kenya Seed Company	Kenya Seed Company	1200-1600	4-5	6.6	▪ Tolerant to grey leafspot, Resistant to root and stalk lodging ▪ Semi dent
71. DH 8	DH 8	2003	Kenya Seed Company	Kenya Seed Company	900-1500	3-4	4.9	▪ Good performance in low yielding environments

								▪ Resistant to stalk lodging, root lodging and ear rots ▪ Semi dent
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
72. PHB 30G97	PHB 30G97	2003	Pioneer Hibred Zimbabwe	Pioneer Hibred Zimbabwe	1200-2000	4-5	6-9	▪ Resistant to grey leafspot ▪ Resistant to ear rots ▪ Tolerant to maize streak virus ▪ Good grain quality
73. Lagrotech early	Lagrotech early	2003	Lagrotech Seed Company	Lagrotech Seed Company	Below 1500	2.7-3.5	2.3	▪ Good ear cover ▪ Early maturing ▪ Striga tolerant ▪ Drought escaping
74. Simba 61	Simba 61	2003	AgriSeed Co Ltd	SEEDCO Zambia	1800	4.5	7-10	▪ Tolerant to MSV and GLS
75. DK 8071	DK 8071	2003	Monsanto	Monsanto	1500-1700	5	6-9	▪ Flint grain
76. DK 8031	DK 8031	2003	Monsanto	Monsanto	900-1700	4 - 4.7	6-8	▪ GLS tolerant
77. KSH6214	KSH6214	2004	Kenya Seed Company	Kenya Seed Company	1600-2100	6-7	9-12	▪ Tolerance to GLS, leaf blight ▪ Lodging resistant ▪ Early maturing
78. KSH624	KSH624	2004	Kenya Seed Company	Kenya Seed Company	1500-1800	5-6	8-11	▪ Tolerance to GLS, leaf blight, rust
79. DH 10	DH 10	2004	Kenya Seed Company	Kenya Seed Company	800-1400	3-4	5-6	▪ Resistant to rust, ear rot and lodging ▪ Good husk cover ▪ Short stature
80. DH 09	DH 09	2004	Kenya Seed Company	Kenya Seed Company	1000-1500	3-4	3-5	▪ Resistant to root and stalk lodging ▪ Good husk cover
81. PAN 15	PAN 15	2004	Pannar Seed Company	Pannar Seed Company	800-1800	4-5	4-6	▪ Resistant to blight, rust, MSV, GLS ▪ Good husk cover and standability
82. KH500-34A	KH500-34A	2004	KARI	KARI Muguga	1300-1800	5-6	6-8	▪ Early maturing ▪ Resistant to rust, MSV, blight

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
83. KK SYN-1	KK SYN-1	2004	KARI	KARI	1500-1800	3-4	4-5	▪ Wide adaptability ▪ Responsive to low input environment ▪ Resistant to MSV
84. SC Duma 41	SC Duma 41	2004	AgriSeed Co Ltd	SEEDCO Zambia	800-1800	4-5	6-7	▪ Resistant to ear rot, rust, MSV, mottle virus, drought ▪ Early maturity
85. SC Duma 43	SC Duma 43	2004	AgriSeed Co Ltd	SEEDCO Zambia	800-1800	4-5	6-7	▪ Resistant to ear rot, rust, MSV, drought ▪ Early maturity
86. FICA 4	FICA 4	2004	FICA seeds	FICA seeds	800-1800	4-5	6-7	▪ Resistant to, rust, MSV, GLS, blight ▪ Good husk cover, drought ▪ Striga tolerant
87. DKC 80-53	DKC 80-53	2004	Monsanto (K) Ltd	Monsanto (K) Ltd	900-1700	4-5	5-8	▪ Tolerance to GLS, MSV ▪ Good standability ▪ Wide adaptability, Prolific
88. DKC 80-73	DKC 80-73	2004	Monsanto (K) Ltd	Monsanto (K) Ltd	1500-1700	5-6	7-10	▪ Tolerance to GLS, MSVt, Diplodia ▪ Good husk cover
89. DKC 80-33	DKC 80-33	2004	Monsanto (K) Ltd	Monsanto (K) Ltd	900-1700	5-6	6-8	▪ Resistant to GLS ▪ Good standability
90. WS 202	WS 202	2004	Western Seed Company	Western Seed Company	0-1500	3-4	3-5	▪ Resistant to MSV, drought, low soil nitrogen
91. KH500-21A	KH500-21A	2004	KARI	KARI Muguga	1600-2000	5-6	7-8	▪ Good standability, Husk cover ▪ Resistant to MSV, head smut ▪ Early maturing
92. KH500-31A	KH500-31A	2004	KARI	KARI Muguga	1800-2100	6-7	6-7	▪ Resistant to, rust, MSV, blight ▪ Stays green (for fodder)
93. KH500-32A	KH500-32A	2004	KARI	KARI Muguga	1300-1800	5-6	6-8	▪ Resistant to blight, rust, MSV

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
94. KH500-33A	KH500-33A	2004	KARI	KARI Muguga	1400-1800	5-6	7	▪ Resistant to blight
95. KK SYN-2	KK SYN-2	2004	KARI	KARI	1500-1800	3-4	5-6	▪ Wide adaptability ▪ Responsive to low input environment ▪ Resistant to MSV
96. KH 631Q	KH 631Q	2004	KARI	KARI	1000-1500	4-5	5-7	▪ Quality protein maize ▪ Good husk cover ▪ Resistant to GLS, ear rot, rust, blight
97. EMB 204	EMB 204	2004	KARI	KARI	1000-1500	5-6	7-8	▪ Quality protein maize ▪ Good husk cover ▪ Resistant to GLS, ear rot, rust, blight
98. Ua Kayongo 1	Ua Kayongo 1	2004	KARI	Western Seed	1200-1600	4-5	4	▪ Resistant to striga
99. KH600-20A	KH600-20A	2005	KARI	KARI Kitale	1800-2300	5-6	8-9	▪ Good standability ▪ Good resistance to blight
100. PAN 4M-21	PAN 4M-21	2005	Pannar Seed (PTY) Ltd	Pannar Seed (PTY) Ltd	1000-1500	3-4	4-5	▪ Drought tolerant ▪ Flint grain ▪ Good husk cover ▪ Double cobber
101. SC Punda Milia 53	SC Punda Milia 53	2005	AgriSeed Co Ltd	SEEDCO Zambia	1800-1900	5-6	8-13	▪ Good standability, Tolerant to grey leaf spot ▪ Tolerant to maize streak virus
102. SC Simba 63	SC Simba 63	2005	AgriSeed Co Ltd	SEEDCO Zambia	1200-1800	4-5	5-10	▪ Drought tolerant, Tolerant to grey leaf spot, MSV, blight and ear rot
103. PHB 30G19	PHB 30G19	2006	Pioneer Hi-Bred Seeds	Pioneer Hi-Bred Seeds	1000-1800	5-6	8-10	▪ Resistant to grey leaf spot ▪ Low ear placement ▪ Good husk cover and standability ▪ Lodging resistant

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
104. PHB 30V53	PHB 30V53	2006	Pioneer Hi-Bred Seeds	Pioneer Hi-Bred Seeds	1200-2000	5-6	8-11	▪ Resistant to grey leaf spot ▪ Tolerant to maize streak virus ▪ Low ear placement ▪ Good husk cover
105. SC Tembo 73	SC Tembo 73	2006	AgriSeed Co Ltd	SEEDCO Zambia	1800-1900	5-6	8-12	▪ Good standability ▪ Tolerant to grey leaf spot ▪ Tolerant to maize streak virus
106. SC Tembo 71	SC Tembo 71	2006	AgriSeed Co Ltd	SEEDCO Zambia	1800-1900	5-5.5	8-13	▪ Tolerant to GLS & MSV ▪ Good standability
107. SC Punda Milia 51	SC Punda Milia 51	2006	AgriSeed Co Ltd	SEEDCO Zambia	800-1600	4-4.5	6-8	▪ Tolerant to GLS & MSV ▪ Good standability ▪ Wide adaptability
108. WH 602	WH 602	2006	Western Seed Co.	Western Seed Co.				
109. WH 101	WH 101	2006	Western Seed Co.	Western Seed Co.				
110. WH 401	WH 401	2006	Western Seed Co.	Western Seed Co.				
111. WH 402	WH 402	2006	Western Seed Co.	Western Seed Co.				
112. WH 507	WH 507	2006	Western Seed Co.	Western Seed Co.				
113. WH 508	WH 508	2006	Western Seed Co.	Western Seed Co.				
114. DH 06	DH 06	2007	Kenya Seed Co.	Kenya Seed Co.	900-1500	3-4	4-6.5	▪ Good standability ▪ Good husk cover
115. DH 11	DH 11	2007						
116. DH 12	DH 12	2007	Kenya Seed Co.	Kenya Seed Co.	900-1400	3-4	4-6	▪ Tolerant to blight and rust ▪ Resistant to stalk lodge
117. Ua Kayongo 2	Ua Kayongo 2	2007	KARI	KARI Embu	1000-1500	4-5	4.2	▪ Tolerant to herbicide for striga control, GLS and MSV

								▪ Drought tolerant ▪ Good ear placement
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
118. Ua Kayongo 3	Ua Kayongo 3	2007	KARI	KARI Embu	1000-1500	4-5	4.3	▪ Tolerant to herbicide for striga control, GLS and MSV, root and stalk lodging
119. EV04271	EV04271	2007	KARI	KARI	1500-2100	4-5	4.5	▪ Resistant to rust ▪ Good standability
120. PH 5	PH 5	2007	Kenya Seed Co.	Kenya Seed Co.	0-1250	4-5	6-8	▪ Resistant to lodging, Ear rot and rust ▪ Good husk cover ▪ Good standability
121. WS303	WS303	2007	Western Seed Co.	Western Seed Co.				
122. PAN 4M-19	PAN 4M-19	2008	Pannar Seed (PTY) Ltd	Pannar Seed Co	900-1500	3-4	4-6	▪ Flint ,Drought tolerant ▪ Prolific ▪ Early maturing ▪ Fast dry down ▪ Good standability
123. PAN 4M-17	PAN 4M-17	2008	Pannar Seed (PTY) Ltd	Pannar Seed Co	900-1500	3-4	4-6	▪ Flint ▪ Drought tolerant ▪ Early maturing
124. PAN 69	PAN 69	2008	Pannar Seed (PTY) Ltd	Pannar Seed Co	1200-1700	4-5	7-10	▪ Wide adaptability ▪ Good standability ▪ Tolerant to leaf diseases
125. PAN 57	PAN 57	2008	Pannar Seed (PTY) Ltd	Pannar Seed Co	1200-1700	4-5	6-8	▪ Flint ▪ Tolerant to leaf diseases
126. PAN 7M-97	PAN 7M-97	2008	Pannar Seed (PTY) Ltd	Pannar Seed Co	1400-1700	4-5	7-10	▪ Good standability ▪ Prolific
127. PAN 8M-91	PAN 8M-91	2008	Pannar Seed (PTY) Ltd	Pannar Seed Co	1400-2000	5-6	8-10	▪ Excellent GLS and rust tolerance ▪ Good for silage ▪ Prolific
128. PAN 7M-89	PAN 7M-89	2008	Pannar Seed (PTY) Ltd	Pannar Seed Co	1400-2000	5-6	8-10	▪ Tolerant to leaf diseases
129. KH500-35E	KH500-35E	2008	KARI	KARI	1200-1600	4-5	7	▪ Resistant GLS, MSV, rust & blight ▪ Staygreen

								▪ Good stalk for animal feed
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
130. KH500-36E	KH500-36E	2008	KARI	KARI	1200-1800	4-5	7	▪ Resistant MSV, rust & blight ▪ Flint
131. KH500-37E	KH500-37E	2008	KARI	KARI	1200-1800	4-5	8	▪ Resistant MSV, rust & blight
132. KH500-39E	KH500-39E	2008	KARI	KARI	1200-1800	4-5	8-9	▪ Resistant GLS & blight
133. KEMBU 214	KEMBU 214	2008	KARI	KARI	1200-1600	4-5	7	▪ Tolerant to stem borers
134. KH500-40E	KH500-40E	2008	KARI	KARI	1200-1800	4-5	7	▪ Resistant to insect ▪ Tolerant to drought and low N
135. MKH500-44A	KH500-44A	2008	KARI	KARI	1500-2100	4-5	6.95	▪ Tolerant to MSV ▪ Early
136. KH500-22A	KH500-22A	2008	KARI	KARI	1200-2100	4-5	6.9	▪ Tolerant to MSV ▪ Early
137. KH500-43A	KH500-43A	2008	KARI	KARI	1200-2100	4-5	6.5	▪ Tolerant to MSV ▪ Double cobber ▪ High foliage (dual purpose)
138. KK BS-04	KK BS-04	2008	KARI	KARI	All striga infested regions	4-5	5-5.5	▪ Tolerant to striga, drought & low N ▪ Resistant to rust &GLS ▪ Good standability
139. KDH4 SBR	KDH4 SBR	2008	KARI	KARI			5.15	▪ Resistant to stem borers ▪ Tolerant to drought & low N
140. KDH5 SBR	KDH5 SBR	2008	KARI	KARI			4.77	▪ Resistant to stem borers ▪ Tolerant to drought & low N
141. KDH6 SBR	KDH6 SBR	2008	KARI	KARI			5.06	▪ Resistant to stem borers

								▪ Tolerant to drought & low N
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
142. KDH414-01 SBR	KDH414-01 SBR	2008	KARI	KARI			5.15	▪ Resistant to stem borers ▪ Tolerant to drought & low N
143. KDH414-02 SBR	KDH414-02 SBR	2008	KARI	KARI			4.77	▪ Resistant to stem borers ▪ Tolerant to drought & low N
144. KDH414-03 SBR	KDH414-03 SBR	2008	KARI	KARI			5.06	▪ Resistant to stem borers ▪ Tolerant to drought & low N
145. KH600-23A	KH600-23A	2008	KARI	KARI	1800-2500	5-6	8.6-14.8	▪ Resistant to GLS, rust & blight ▪ Less lodging
146. KH600-24A	KH600-24A	2008	KARI	KARI	1800-2500	5-6	8.6-14.8	▪ Resistant to GLS, rust & blight ▪ Less lodging
147. KH600-24A	KH600-24A	2008	KARI	KARI	1800-2500	5-6	8.7-14.9	▪ Resistant to GLS, rust & blight ▪ Less lodging
148. KS-DH14	KS-DH14	2008	Kenya Seed Co.	Kenya Seed Co.	800-1300	3.5 - 4.5	5.0 - 6.5	▪ Drought tolerant ▪ Lodging resistant ▪ Stays green
149. KS-H6216	KS-H6216	2008	Kenya Seed Co.	Kenya Seed Co.	1500-2100	6-7	8.0 – 9.5	▪ Lodging resistant ▪ Flint kernels
150. KS-H524	KS-H524	2008	Kenya Seed Co.	Kenya Seed Co.	1200-1500	4-5	7.5 - 8.5	▪ Resistant to rust ▪ GLS & ear rot
151. KS-H6217	KS-H6217	2008	Kenya Seed Co.	Kenya Seed Co.	1500-2100	6-7	8.5 – 10	▪ Lodging resistant ▪ Flint kernels
152. KS-DH13	KS-DH13	2008	Kenya Seed Co.	Kenya Seed Co.	800-1800	3.5 - 4.5	4.5 – 7.6	▪ Good husk cover ▪ Drought tolerant ▪ Resistant to Ear rot, GLS, blight & rust
153. KS-H6502	KS-H6502	2008	Kenya Seed Co.	Kenya Seed Co.	1300-1800	5-6	7.5 – 9.0	▪ Resistant to rust, Lodging resistant ▪ Tolerant to GLS & blight

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
154. KS-H6503	KS-H6503	2008	Kenya Seed Co.	Kenya Seed Co.	1300-1800	5-6	7.5 – 9.0	▪ Resistant to rust ▪ Lodging resistant ▪ Tolerant to GLS & blight
155. PHB 30D79	PHB 30D79	2008	Pioneer Hi Bred Seeds	Pioneer Hi Bred Seeds	1000-1800	5-6	7-11	▪ Good tolerance to blight & MSV ▪ Resistant to GLS ▪ Strong stalks
156. WH002	WH002	2008	Western Seed Co.	Western Seed Co.				
157. WS105	WS105	2008	Western Seed Co.	Western Seed Co.				
158. WS202	WS202	2008	Western Seed Co.	Western Seed Co.				
159. WH404	WH404	2008	Western Seed Co.	Western Seed Co.				
160. WH301	WH301	2008	Western Seed Co.	Western Seed Co.				
161. WH302	WH302	2008	Western Seed Co.	Western Seed Co.				
162. WH405	WH405	2008	Western Seed Co.	Western Seed Co.				
163. WH605	WH605	2008	Western Seed Co.	Western Seed Co.				
164. WH601	WH601	2009	Western Seed Co	Western Seed Co	1500 – 2100	5 – 6	6-9	▪ Tolerant to GLS & blight ▪ Lodging resistant ▪ Good husk cover
165. WS204	WS204	2009	Western Seed Co	Western Seed Co	800 – 1400	3-4	4	▪ Tolerant to GLS, MSV, blight, drought & Low nitrogen ▪ Striga resistant
166. PAN 697	PAN 697	2010	Pannar Seed (Kenya) Ltd	Pannar Seed (Kenya) Ltd	1500-2000	5-5.5	8-10	▪ Tolerant to leaf diseases especially MSV ▪ Good husk cover ▪ Very attractive cobs
167. PAN 5M-35	PAN 5M-35	2010	Pannar Seed (Kenya) Ltd	Pannar Seed (Kenya) Ltd	1200-1700	4-4.5	7-8	▪ Double cobber, Good husk cover ▪ Flint ▪ Good on leaf diseases

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
168. PAN 63	PAN 63	2010	Pannar Seed (Kenya) Ltd	Pannar Seed (Kenya) Ltd	1200-1700	4-4.5	7-8	▪ Prolific ▪ Flint grained ▪ Excellent tolerance to leaf diseases including MSV ▪ Very good drought tolerance and adaptability ▪ Very hard grain
169. KH500-48A	KH500-48A	2010	KARI	KARI-Muguga South	1400-1800	4-5	6-7	▪ Resistant to MSV, GLS and Turcicum blight ▪ Flint grains ▪ Dual purpose ▪ Large cobs
170. KH500-42A	KH500-42A	2010	KARI	KARI-Muguga South	1400-1800	4-5	6-7	▪ Resistant to MSV, GLS and Turcicum blight ▪ Dual purpose ▪ Flint like – intermediate grains ▪ Large cobs
171. KH500-49A	KH500-49A	2010	KARI	KARI-Muguga South	1400-1800	4-5	6-7	▪ Resistant to MSV, GLS and Turcicum blight, Dual purpose ▪ Intermediate –dent grains ▪ Medium size cobs ▪ Grown in medium altitude transitional areas
172. WH406	WH406	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	1000 - 1700	5-6	6 - 8	▪ V. good tolerance to MSV, GLS and Blight ▪ Strong Green stem at harvest , use as cattle fodder
173. WH003	WH003	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	0 - 1000	3-4	5	▪ V. good Tolerance to MSV/GLS ▪ Good tolerance to Drought and low nitrogen
174. WH605	WH605	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	High potential zone 1500-2100m.a.s.l	5-6	6-9	▪ Good tolerance to MSV, GLS and Blight

								▪ Strong Green stems at harvest, use as cattle fodder ▪ Good tolerance to low Nitrogen
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
175. WH404	WH404	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	Medium altitude zone, 1000-1700 m.a.s.l	5-6	6-8	▪ V. good tolerance to MSV, GLS and blight ▪ Strong Green stem at harvest used as cattle fodder
176. WH302	WH302	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	Transitional and Early, Low potential zone 0-1500 m.a.s.l	4-5	4-6	▪ V. good tolerance to MSV/GLS ▪ Good tolerance to Drought and Low Nitrogen ▪ Suitable for short 2nd season planting
177. WH602	WH602	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	High potential zone 1500-2000 m.a.s.l	5.5-6.5	7-10	▪ Tolerant to MSV, GLS and Rust ▪ Tolerant to drought and Low nitrogen ▪ Tolerant to lodging
178. WH508	WH508	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	Medium to High 1000-1700 m.a.s.l	5-6	6-9	▪ Tolerant to MSV/GLS and Blight ▪ Tolerant to Drought/Low Nitrogen ▪ Strong ever Green stems at harvest
179. WH507	WH507	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	Medium to High 1000-1700 m.a.s.l	5-6	6-9	▪ Tolerant to MSV/GLS and Blight ▪ Tolerant to Drought/Low Nitrogen ▪ Strong ever Green stems at harvest
180. WH401	WH401	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	Medium potential zone 0-1500 m.a.s.l	4-5	5-7	▪ Tolerant to MSV/GLS and Blight ▪ Tolerant to Drought and Low Nitrogen.

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
181. WH402	WH402	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	Medium to Late 0-1700 m.a.s.l	4.5 – 5.5	5-8	▪ Tolerant to MSV/GLS and Blight ▪ Ever Green strong stem at harvest-suitable for fodder
182. WH301	WH301	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	0-1500 m.a.s.l	4-5.0	4.6	▪ Tolerant to MSV, GLS and Blight ▪ Tolerant to Drought and Low Nitrogen ▪ Particularly suitable for green maize
183. WH202	WH202	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	Low potential zones 0-1500 m.a.s.l	4.0-5.0	3-5	▪ Tolerant to MSV, Drought and Low Nitrogen ▪ Cheaper option for farmers ▪ Good 2nd season crop in medium altitudes
184. WH002	WH002	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	0-1200 m.a.s.l Coast and Lowlands	4.5-5.5	5-7	▪ Tolerant to MSV, GLS and Blight ▪ Tolerant to Drought and Low Nitrogen ▪ Suitable for 2nd season planting
185. WH101	WH101	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	0-1500 m.a.s.l Lowlands and Transitional	3.5-4.5	4-5	▪ Tolerant to MSV, GLS and Blight ▪ Tolerant to Drought and Low Nitrogen ▪ Suitable for 2nd season planting
186. WH 105	WH 105	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	0-1500 m.a.s.l Lowlands and Transitional	3.5-4.5	3-4	▪ Tolerant to MSV, GLS and Blight ▪ Tolerant to Drought and Low Nitrogen ▪ Suitable for 2nd season planting
187. WSQ104	WSQ 104	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	0-1200 m.a.s.l Lowlands and Transitional	3-3.5	2-4	▪ Quality protein maize (QPM) ▪ Tolerant to MSV, GLS and blight ▪ Tolerant to Drought.

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
188. WS 303	WS 303	2010	Western Seed Co. Ltd	Western Seed Co. Ltd	0-1500 m.a.s.l Low-Mid altitudes wet	4-5	6	▪ Tolerant to MSC, GLS and Rust, Tolerant to drought and Low Nitrogen, Resistant to Striga
189. KSH6219	KSH6219	2010	Kenya Seed Co. Ltd	Kenya Seed Co. Ltd	1500 - 2100	6-7	10 – 15.5	▪ Resistant to grey leaf spot ▪ Resistant to both root and stem lodge ▪ Big semi – flint kernels
190. KSH527	KSH527	2010	Kenya Seed Co. Ltd	Kenya Seed Co. Ltd	1200 - 1500	4-5	8-10	▪ Resistant to Grey leaf Spot ▪ Resistant to Blight ▪ Resistant to rust
191. KS-6505	KS-6505	2010	Kenya Seed Co. Ltd	Kenya Seed Co. Ltd	1350-1700	6-7	6-8	▪ Resistant to grey leaf spot ▪ Excellent husk cover ▪ Flint kernels
192. KS-6506	KS-6506	2010	Kenya Seed Co. Ltd	Kenya Seed Co. Ltd	1350-1700	5-6	7.5-10	▪ Resistant to Grey leaf spot ▪ Short and resistant to lodging
193. EMB 0702	KH523-1 LGB	2011	KARI-EMBU	KARI	1200-1800	4-5	6	▪ Larger Grain Borer (LGB) And Maize Weevil Tolerant ▪ Post Harvest Insect Pests Tolerant
194. EMB 0703	KH523-2 LGB	2011	KARI-EMBU	KARI	1200-1800	4-5	5	▪ Stem Borer Resistant
195. PEX 602	PAN 7M-81	2011	Pannar Seed (PTY) Ltd	Pannar Seed (PTY) Ltd	Growing areas:- Nyeri, Kirinyaga, Embu, Busia, Siaya, Meru	4.0-4.5	6-7	▪ Excellent standability, Double cobber ▪ Excellent stay green character
196. PEX 702	PAN 693	2011	Pannar Seed (PTY) Ltd	Pannar Seed (PTY) Ltd	1500-2000, Growing areas:- Mumias, Vihiga, Yala	4.5-5.0	8-9	▪ Good on leaf diseases(blight, msv, GLS, rust) ▪ Big cobs/grains

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
197. PEX 703	PAN 8M-93	2011	Pannar Seed (PTY) Ltd	Pannar Seed (PTY) Ltd	1700-2100, Growing areas: Bungoma, Webuye, Kakamega.	5.0-5.5	9-10	▪ Very good husk cover ▪ Good on cob rots
198. H2801	KS-H6220	2011	KSCo.	KSCo.	Recommended in high altitude areas 1500-2300 meters above sea level, where rain fall lasts 5-8 moths, annual rainfall above 850mm	6-8	-	▪ A Double cross hybrid ▪ Resistant to ear-rots ▪ Tolerant to leaf blight, rust and GLS
199. H28P1	KS-PH7	2011	KSCo.	KSCo.	Recommended to farmers in lowland zones 1-1200 meters above sea level. Fits bimodal rainfall pattern with about 650-800mm per season.	4-5	-	▪ A three-way cross hybrid ▪ Heat tolerant ▪ Tolerant to leaf rust
200. KATEH 2007-3	KH414-4 SBR	2011	KARI-KATUMANI	KARI	900-1600	4	4	▪ Stem Borer Resistant
201. SC05C8575	SC Tembo 75	2012	Agri Seed Co Ltd	Agri Seed Co Ltd	1200 to 1800 (Kakamega region)	5	8-10	▪ Good standability ▪ Intermediate to Semi dent ▪ Aerial disease tolerance: GLS, HT, RUST ▪ High shelling percentage ▪ Wide adaptability ▪ Medium to late maturity

								▪ Good tip cover ▪ Tolerance of cob diseases - Diplodia & fusarium,High yields - Average of 8-10 tonnes per Ha, MSV tolerance
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
202. SC05C8480	SC Simba 63	2012	Agri Seed Co Ltd	Agri Seed Co Ltd	900 to 1400 (Embu region)	4	7-10	▪ Good standability, Hard dent Intermediate to Semi dent ▪ Good tip cover, Mid plant cob placement; Aerial disease tolerance: GLS, HT, Rust ▪ High shelling percentage; ▪ Good drought tolerance; ▪ Tolerance of cob diseases - diplodia & fusarium ▪ MSV tolerance
203. MTPEH200803	KH125-01SG	2012	KARI	KARI Katumani	15-1600	4	6.2	▪ Wide adaptation, Staygreen, High yield, resistance to GLS, MSV
204. MTPEH200804	KH125-02MDR	2012	KARI	KARI Katumani	15-1000	4	6.4	▪ High yield, resistance to GLS, MSV
205. MTPEH200805	KH125-03SG	2012	KARI	KARI Katumani	15-1000	4	6.1	▪ Drought Tolerant ▪ Resistance to GLS, MSV, Staygreen
206. MTPEH0701	KH125-04PhPR	2012	KARI	KARI-Mtwapa	Coastal lowlands (0-1000)	4-5	6	▪ Postharvest pest resistant (larger grain borer and maize weevil)
207. MTPEH0702	KH125-05PhPR	2012	KARI	KARI-Mtwapa	Coastal lowlands (0-1000)	4-5	5	▪ Postharvest pest resistant (larger grain borer and maize weevil)

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
208. MTPEH 0703	KH125-06 SBR	2012	KARI	KARI-Mtwapa	Coastal lowlands (0-1000)	4-5	6	▪ Stem borer resistant
209. DKC90-89	DKC90-89	2012	Monsanto (K) Limited	Monsanto Inc.	900 -1700	3.5 - 4.5	7-10	▪ High stable yield ▪ Profilic ▪ Good standability ▪ Good flint type quality grain
210. ZE9071	DKC90-53	2012	Monsanto (K) Limited	Monsanto Inc.	900-1800	4 -5	6-8	▪ GLS tolerant, Profilic, Exceptional grain quality (flint) ▪ Yield stability, ▪ Good standability
211. PEX 501	PAN 4M-15	2012	PANNAR	PANNAR	1200-1700	4.0-4.5	7-8	▪ Very good tolerance to leaf diseases-blight, gls, rust, msv, ▪ Tolerance to cob rots therefore more usable ears ▪ Drought tolerant.
212. PEX 704	PAN 6M-55	2012	PANNAR	PANNAR	1500-2000	4.5-5.0	9-10	▪ Good husk cover ▪ Excellent standability ▪ Good tolerance to leaf diseases
213. X6C461W	P2859W	2012	Pioneer Seeds	Pioneer seed	1000 - 1600	3- 4	7-9	▪ Excellent resistance to gray leaf spot ▪ Very good stability across environments ▪ Good performance in drought conditions & low nitrogen environments ▪ Improved standability
214. X7A344W	P3812W	2012	Pioneer Seed	Pioneer Seed	1200 - 1800	4.5 - 5	9-11	▪ Very good tolerance to maize steak virus ▪ Excellent resistance to gray leaf spot ▪ Improved yield and grain quality ▪ Good standability

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
215. KAT021-13-28	MITUKI	2012	KARI/DSL	Dryland Seed Ltd	Low land (0-1200 masl)	2.5	5-6	▪ Early/Drought Tolerant ▪ Torelant to GLS and MSV
216. DH 902	KS-DH15	2013	Kenya Seed Co.	Kenya Seed Co.	1000-1500 m.a.s.l - Hill masses of Makueni , Kitui, Pokot, Perkerra, lower parts of central	2.5-3	4-7	▪ A three- way cross hybrid, Early ▪ Drought tolerant ▪ Resistant to GLS, blight and rust
217. KSDV08-2	KSD-01	2013	Kenya Seed Co.	Kenya Seed Co.	800-1300 m.a.s.l Arid and sem arid regions of eastern, central and Rift valley.	2-3	4-6	▪ Open pollinated variety ▪ Early ▪ Drought, blight and GLS tolerant
218. EASH902	MH401 'TOSHEKA'	2013	EAST AFRICAN SEED COMPANY	EAST AFRICAN SEED COMPANY	Machakos, Kitui, Mbeere, Ishiara, Mwea, Kibwezi, Taveta	3-3.5	6-8	▪ Very Good GLS , MSV , Rust and Turcicum Leaf Blight resistant ▪ Moisture stress (drought) tolerant ▪ Low Uniform Cob Positioning (Ear Placement) ▪ Ear drooping when mature ▪ White semi dent grains (kernels) ▪ Stay Green Trait (Stover)
219. Maseno EH11	Maseno H1401	2013	Prof. Mathews Dida	Maseno University/Prof. Mathews Dida	1200 - 1600 m	4-4.5	8-12	▪ Tolerant to Maize Streak virus, Maize Mosaic Virus, Grey Leaf Spot, and Turcicum leaf blight
220. Maseno EH10	Maseno H1402	2013	Prof. Mathews Dida	Maseno University/Prof.	1300 -1700 m	4-4.5	8-11	▪ Resistant to Maize Streak Virus, Maize Mosaic Virus, Grey

				Mathews Dida				Leaf Spot, Turcicum leaf blight ▪ Tolerant to acid soils
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
221.MU01-016	KH500-39A	2013	KARI	KARI-Muguga	Mid-High Altitude (1600-1800):Kakamega, Bungoma, Nandi, Trans Nzoia	5-6	6-7	▪ Mid-late maturity, Resistant to MSV, GLS, Blight ▪ Large sized cobs ▪ Intermediate-sized, flinty, white grains.
222.MU01-009	KH500-40A	2013	KARI	KARI-Muguga	Mid-High Altitude (1600-1800):Kakamega, Bungoma, Nandi, Trans Nzoia	5-6	6-7	▪ Mid-late maturity ▪ Resistant to MSV, GLS, Blight ▪ Large sized cobs ▪ Large-sized, white grains
223.MU01-104	KH500-41A	2013	KARI	KARI-Muguga	Medium Altitude (1400-1600):Embu, Kiambu, Nyeri, Meru, Bomet, Bungoma, Siaya, Busia	4-5	5-6	▪ Medium maturity ▪ Resistant to MSV, GLS, Blight ▪ Medium sized cobs ▪ Intermediate-sized, white grains; Dual purpose (for food and feed).
224.MU07-010	KH500-50A	2013	KARI	KARI-Muguga	Medium Altitude (1400-1600):Embu, Kiambu, Nyeri, Meru, Siaya, Bomet, Bungoma,	4-5	6-7	▪ Medium maturity ▪ Resistant to MSV, GLS, Blight ▪ Medium-sized cobs ▪ Intermediate-sized, flinty white grains
225.CKH110078	WE1101 (Tumaini-1)	2013	CIMMYT/ KARI /AATF	CIMMYT-K / KARI-Katumani	Mid-altitude areas of E. and Western Kenya, Rift Valley, Lake Victoria Basin	4.5	7.1	▪ Tolerant to drought ▪ Resistant to MSV, NCLB, and GLS diseases
226.SC727	SC TEM	2013	Agri Seed Co Ltd	Agri Seed Co Ltd	1200 to 1800	5	9-12	▪ Good standability ▪ MSV tolerance

	BO 727							▪ High shelling percentage
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
227.05C362	SC Simba 65	2013	Agri Seed Co Ltd	Agri Seed Co Ltd	900 to 1400	4	7-10	▪ Good standability ▪ Hard dent (Intermediate to Semi dent) ▪ Air borne disease tolerance: GLS, HT, Rust ▪ High shelling percentage ▪ MSV tolerance
228.SC529	SC Punda Milia 529	2013	Agri Seed Co Limited	Agri Seed Co Ltd	600 to 1200	3.4-5	6-9	▪ Good tip cover ▪ Tolerant to air borne diseases - GLS, HT, Rust
229.06C4100	SC Duma 45	2013	Agri Seed Co Limited	Agri Seed Co Ltd	400 to 1200	3-3.5	6-9	▪ Drought tolerance ▪ Tolerant to air borne diseases - GLS, HT, Rust
230.07C3267	SC Duma 47	2013	Agri Seed Co Limited	Agri Seed Co Ltd	400 to 1200	3-3.5	6-9	▪ Drought tolerance ▪ Tolerant to air borne diseases - GLS, HT, Rust
231.CKIR04002	PAMUKA 2	2014	KARI	KARI-Katumani	1000 -1600	3.6 – 4.3	3.5 – 5.0	▪ Open pollinated maize variety ▪ Insect resistant to maize stem borers ▪ Good standability ▪ Combines tolerance to drought and low soil nitrogen ▪ Moderately resistant to maize streak virus (MSV), Turcicum leaf blight and Gray leaf spot (GLS) diseases ▪ Has a good plant and ear aspect

								▪ Has flint to intermediate grain texture
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
232.CKIR04003	PAMUKA 1	2014	KARI	KARI-Katumani	1000 -1600	3.5-4.3	4.5-6.5	▪ Open pollinated maize variety ▪ Insect resistant to maize stem borers or stalkborer ▪ Good standability ▪ Combines tolerance to drought and low soil nitrogen ▪ Moderately resistant to maize streak virus (MSV) ▪ Turcicum leaf blight and Gray leaf spot (GLS) diseases ▪ Has a good plant and ear aspect ▪ Has mainly flint grain texture, Has long ear peduncle
233.06C4106	SC PUNDAMILIA 55	2014	Agri Seed Co Ltd	Agri Seed Co Ltd	1000-1400	3-4	6-9	▪ Highly tolerant to GLS ▪ Highly tolerant to MSV ▪ High shelling percentage ▪ Good husk / tip cover ▪ Moderately tolerant to drought
234.06C4102	SC Duma 49	2014	Agri Seed Co Ltd	Agri Seed Co Ltd	800-1200	3-4	6-9	▪ Highly tolerant to drought ▪ Highly tolerant to MSV ▪ High shelling percentage ▪ Highly tolerant to heat stress
235.07C2119	SC Tembo 77	2014	Agri Seed Co Ltd	Agri Seed Co Ltd	1200-1800	4.5-5.5	9-12	▪ Highly tolerant to GLS ▪ Good husk / tip cover

								▪ Good standability hence reduced lodging ▪ Uniform cob placement ▪ High shelling percentage
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
236. EASH906	MH501	2014	East African Seed Company Limited	East African Seed Company Limited		4-5	7-9	▪ Resistant to GLS (2), Rust (1), MSV (2) and TLB (1) ▪ White semi-dent grains ▪ Uniform cob placement (Good for mechanized operations) ▪ Good milling quality ▪ Strong stalks (Reduced lodging) ▪ Stay green trait (Stover) ▪ Ear drooping when mature
237.05C5561	SC SIMBA 67	2014	SEED CO LTD	AGRI SEED CO (K) LTD.		4 – 4.5	6 – 7	▪ Good tip cover ▪ Tolerance of cob diseases - diplodia & fusarium ▪ Good standability: this is as a result of short stature and strong roots of this variety ▪ Moderately tolerant to drought
238.05C7	SC TEMBO 79	2014	SEED CO LTD	AGRI SEED CO (K) LTD.		4.5 – 5.5	8 – 10	▪ Good standability due to strong roots & stalks hence low lodging ▪ Tolerant to Grey Leaf Spot and northern leaf Blight ▪ Low and Uniform cob placement hence

								suitability for mechanized farming ▪ High shelling percentage: Most of the cob is usable.
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
239.04C3448	SC DUMA 413	2014	SEED CO LTD	AGRI SEED CO (K) LTD.		3 - 3.5	5 – 7	▪ Tolerant to drought and heat ▪ Tolerant to MSV; Blight and GLS ▪ High shelling percentage ▪ Good tip cover ▪ Good standability.
240.DK6815	DK6815 (EH6716)	2014	Monsanto	Monsanto		3-4	6-8	▪ Yellow maize variety ▪ Good standability ▪ Early maturing, medium tall to short in stature ▪ Low ear placement, Fixed girthy ear with very deep kernels and high number of kernel rows ▪ Very well adapted to high plant density ▪ Good heat stress tolerance
241.EH10273	KH600-25	2015	KALRO	KALRO-Kitale	Mt. Elgon slopes, Trans-Nzoia, West Pokot, Uasin Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua, Kakamega, Nakuru, Bungoma,	6-8	9.5-13.0	▪ Well established roots ▪ Strong stalks, Less rotting ▪ Resistance to blight, rust and GLS ▪ Tasty (Boiled or roast) ▪ Top cross- hence wide genetic base
242.EH10271	KH600-26	2015	KALRO	KALRO-Kitale	Mt. Elgon slopes,Trans-Nzoia, West Pokot, Uasin	6-8	10.85-14.5	▪ Well established roots ▪ Strong stalks ▪ Less rotting ▪ Good husk cover

					Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua,Kakamega, Nakuru, Bungoma			▪ Resistance to blight,rust and GLS ▪ Early maturity ▪ Reduced ear height
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
243. EH11271	KH600-27	2015	KALRO	KALRO-Kitale	Mt. Elgon slopes,Trans-Nzoia, West Pokot, Uasin Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua,Kakamega, Nakuru, Bungoma	6-8	10.9-14.8	▪ Well established roots ▪ Strong stalks ▪ Less rotting ▪ Resistance to blight, rust and GLS ▪ Drooping ears ▪ Top cross- hence wide genetic base
244. FRC425IR	FRC425IR	2015	Freshco	Freshco/CIMMYT	Siaya, Homa Bay, Busia, Kisumu, Migori, parts of Kakamega and Bungoma that are infested with the striga weed.	3-4	5-6	▪ Resistant to Imazapyr herbicide that kills Striga weed therefore it is specially developed to be grown in striga weed prone areas ▪ It is an early maturing variety
245. KATEH2011-01	KDH414-05 (Ukamez-1)	2015	KALRO	KALRO-Katumani	800-1600 Metres a.s.l, Dry Mid Altitude and Transitional maturity adaptation.	3.6-4.5	4.9-9.4	▪ Wide adaptation ▪ Stay-green ▪ Resistance to GLS, MSV ▪ Good ear cover ▪ Good standability
246. KATEH2011-04	KDH414-06(Ukamez-2)	2015	KALRO	KALRO-Katumani	800-1600 Metres a.s.l: Dry Mid Altitude and Transitional and Drought-	3.6-4.5	4.5-7.0	▪ Single cross Hybrid ▪ Wide adaptation ▪ Stay-green ▪ Resistance to GLS, MSV ▪ Good ear cover

					prone areas of Eastern Kenya.			▪ Good standability ▪ Good plant and ear aspects
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
247. KATEH 2011-05	KDH414-07(Ukamez-3)	2015	KALRO	KALRO-Katumani	800-1600 Metres a.s.l:Dry Mid Altitude and Transitional and Drought-prone areas of Eastern Kenya	3.6-4.5	4.4-9.3	▪ Drought tolerant ▪ Three-way Hybrid ▪ Resistance to GLS, MSV ▪ Good ear cover ▪ Good husk cover ▪ Good plant and ear aspects
248. KATEH 2011-07	KDH414-08 (Ukamez-4)	2015	KALRO	KALRO-Katumani	800-1600 Metres a.s.l:Dry Mid Altitude and Transitional and Drought-prone areas of Eastern Kenya	3.6-4.5	4.6-8.2	▪ Drought tolerant ▪ Three-way Hybrid ▪ Resistance to GLS, MSV ▪ Good ear cover ▪ Good husk cover ▪ Good plant and ear aspects
249. KATEH 2011-10	KDH414-09 (Ukamez-5)	2015	KALRO	KALRO-Katumani	800-1600 Metres a.s.l:Dry Mid Altitude and Transitional and Drought-prone areas of Eastern Kenya	3.6-4.5	3.5-5.0	▪ Drought tolerant ▪ Three-way Hybrid ▪ Resistance to GLS, MSV ▪ Good ear cover ▪ Good husk cover ▪ Heat sensitive
250. DSLH103	SAWA	2015	CIMMYT/DSL	Dryland Seed Ltd	transitional areas/Altitude 700-1400 m asl	3.6-4	6-8	▪ Drought tolerance ▪ GLS & MSV resistant ▪ Semi-dent white grain
251. WE2106	WE2106	2015	AATF/CIMMYT	KALRO/CIMMYT	Recommended for growing in the transitional region of lower and upper eastern, central and Nyanza regions	4.5-5	4.7-9.1	▪ Drought tolerant ▪ Good husk cover ▪ Resistant to GLS and northern Leaf bright ▪ Resistant to Maize streak virus (MSV) ▪ Dent grain texture

252.	WE2110	WE2110	2015	AATF/CIMMYT	KALRO/CIMMYT	Recommended for growing in the transitional region of lower and upper eastern, central and Nyanza regions	4.5-5.0	4.2.-9.1	▪ Drought tolerant ▪ Good husk cover ▪ Resistant to GLS and northern Leaf bright ▪ Resistant to Maize streak virus (MSV) ▪ Flint-like grain texture
253.	WE2111	WE2111	2015	AATF/CIMMYT	KALRO/CIMMYT	Recommended for growing in the coastal region (Fundisa, Kikonni, Mariakani, Mpeketoni and Mtwapa) of Kenya	4.5-5.0	4.7-8.7	▪ Drought tolerant ▪ Good husk cover ▪ Resistant to GLS and northern Leaf bright ▪ Resistant to Maize streak virus (MSV) ▪ Dent grain texture
254.	WE2109	WE2109	2015	AATF/IMMYT	KALRO/CIMMYT	Dry Mid altitude and transitional maturity adaptation. Recommended for growing in the coastal region (Fundisa, Kikonni, Mariakani, Mpeketoni and Mtwapa) of Kenya	4.5 -5.0	4.8-9.2	▪ Drought tolerant ▪ Good husk cover ▪ Resistant to GLS and northern Leaf bright ▪ Resistant to Maize streak virus (MSV) ▪ Dent grain texture
255.	10C3253	SC Sungura 301	2015	AGRI SEED CO LIMITED	AGRI SEED CO LIMITED	Altitudes of between 300 – 1200 m.a.s.l e.g.; Makueni Machakos, Kitui, Thika, Meru, Embu, isiolo, Kisumu, Siaya, Busia, Homabay, Baringo e.t.c.	3	4.8	▪ Ultra early, Good husk / tip cover hence reduced ear rots ▪ GLS tolerance lodging ▪ High shelling percentage
256.	PEX4405	PAN3M-01	2015	PANNAR SEED (PTY) LTD	PANNAR SEED (PTY)LTD	900-1400 m ASL	3-3.5	4.8	▪ Very early ▪ Good husk cover ▪ Good standability

								▪ Flint ▪ Tolerant to leaf diseases
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
257. PEX 5503	PAN 6777	2015	PANNAR SEED (PTY) LTD	PANNAR SEED (PTY)LTD	1200-1800m ASL	4-5	7.1	▪ Good standability ▪ Double cobber ▪ Ear rot and rust tolerant ▪ Widely adaptable
258. MU07-018	KH500-51A	2015	KALRO	KALRO MUGUGA	Altitude:1400-1600 m ASL Embu, Kiambu, Nyeri, Meru, Bomet, Bungoma, Vihiga, Siaya	5-6	6.51	▪ MSV, blight and GLS resistant ▪ Flint like to intermediate grains ▪ Medium to large sized cobs ▪ White grains
259. EMB225	K-BEST	2015	KALRO	KALRO EMBU	Zones:UM1-UM4, Altitude:1000-1800 m ASL, Embu, Kirinyaga, Nyeri, Kakamega, Homabay, Kisii, Kiambu, Vihiga, Kwale, Meru	3-4	4.63	▪ Blight,rust, MSV resistant
260. EMB226	EMBU POA	2015	KALRO	KALRO EMBU	Zones:(UM1-UM4), Altitude;1200-1800 m ASL, Embu, Kirinyaga, Nyeri, Kakamega, Homabay, Kisii, Kiambu	3-4	6.51	▪ Good husk cover ▪ Stay green characteristic ▪ Tolerant to blight
261. MU08-005	KH500-52A	2015	KALRO	KALRO MUGUGA	Altitude:1200-1400 m ASL, Kangundo, Muranga, Thika, Mwea,	4-5	4.39	▪ Early maturing ▪ MSV, blight and GLS resistant ▪ Drought tolerant

					Embu, Homa Bay, Bomet, Kirinyaga, Meru, Narok			▪ Flint like to intermediate grains
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
262.MU10-010	KH500-53A	2015	KALRO	KALRO MUGUGA	Altitude:1200-1400 m ASL, Kangundo, Muranga, Thika, Mwea, Embu, Homa Bay, Bomet, Meru, Kirinyaga, Narok	4-5	5.05	▪ Early maturing, MSV, blight and GLS resistant ▪ Drought tolerant ▪ Flint like to intermediate grains
263.WE2101	WE2101	2015	CIMMYT/AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5	6.91	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
264.WE2104	WE2104	2015	CIMMYT/AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5	6.74	▪ Resistant to gray leaf spot,Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
265.WE2107	WE2107	2015	CIMMYT/AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5	7.16	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
266.WE2108	WE2108	2015	CIMMYT/AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5	6.81	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
267.WE3101	WE3101	2015	CIMMYT/AATF	KALRO/CIMMYT	Early to transitional areas	4	5.37	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
268.WE3102	WE3102	2015	CIMMYT/AATF	KALRO/CIMMYT	Early to transitional areas	4	5.22	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
269.WE3104	WE3104	2015	CIMMYT/AATF	KALRO/CIMMYT	Transitional areas	4	5.60	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
270.WE3105	WE3105	2015	CIMMYT/AATF	KALRO/CIMMYT	Coastal region of Kenya.	4	6.31	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
271.WE3106	WE3106	2015	Monsanto/AATF	KALRO/CIMMYT	Early to transitional regions of kenya	4	3.28	▪ Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
272.WE1203	WM1203	2015	Monsanto/AATF	Monsanto	Mid - Altitude areas	4	6.63	▪ Good adaptability ▪ Excellent ear phenotype
273.WE1254	WM1254	2015	Monsanto/AATF	Monsanto	Mid - Altitude areas	4	6.10	▪ Good adaptability ▪ Excellent ear phenotype

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
274. WE1259	WM1259	2015	Monsanto/AATF	Monsanto	Mid - Altitude areas	4	6.60	▪ Good adaptability ▪ Excellent ear uniformity
275. WE3201	WE3201	2015	Monsanto/AATF	Monsanto	Mid - Altitude areas	4.5	6.45	▪ Good adaptability ▪ Excellent ear uniformity
276. WE3202	WE3202	2015	Monsanto/AATF	Monsanto	Mid - Altitude areas		5.63	▪ Good adaptability ▪ Excellent ear uniformity
277. WA11523	WKL523	2015	WAKALA AFRICA LTD	CIMMYT and WAKALA AFRICA LTD	Drylands and Transitional zones of Kenya; Kangundo, Kathiani, Mariakani, Mwea, Thigio, Thika, Homa Bay, Siaya, and Embu	3.5 -4	3.93	▪ Early maturing ▪ Semi-flint ▪ Tolerant to Maize rust, Grey Leaf Spot and Maize Blight
278. WE4108	WE4108	2016	CIMMYT/AATF	KALRO-Katumani	Recommended for growing in the dry transitional to dry-mid altitude regions of lower and upper eastern, Central, Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya	3-4	4.3-5.3	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot ▪ Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
279.WE4109	WE4109	2016	CIMMYT/ AATF	KALRO-Katumani	Recommended for growing in the dry transitional to dry-mid altitude regions of lower and upper eastern, Central, Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya	3-4	3.8-4.7	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
280.WE4104	WE4104	2016	CIMMYT/ AATF	KALRO-Katumani	Recommended for growing in the moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thikaand Nyanza (Homabay) Kenya	3-4.5	5.3-6.0	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
281.WE4115	WE4115	2016	CIMMYT/ AATF	KALRO-Katumani	Recommended for growing in the moist transitional	3-4.5	5.5-6.1	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as

					and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thikaand Nyanza (Homabay) Kenya			gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
282. WE4117	WE4117	2016	CIMMYT/ AATF	KALRO-Katumani	Recommended for growing in the moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thikaand Nyanza (Homabay) Kenya (Homabay) Kenya	3-4.5	5.4-6.5	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
283. WE3205	WE3205	2016	Monsanto/ AATF	KALRO-Katumani	Recommended for growing in the moist medium and moist mid-altitude regions of	4-5	6.3-6.5	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus

					Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya			▪ It has good husk cover and good plant and ear aspects ▪ High grain density and ear flex ▪ Early maturing
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
284. WE3210	WE3210	2016	Monsanto/AATF	KALRO-Katumani	Recommended for growing in the moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya	4-5	6.1-7.7	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects ▪ Excellent Standability
285. WE4207	WE4207	2016	Monsanto/AATF	KALRO-Katumani	Recommended for growing in the moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and	4-5	6.8-7.7	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects ▪ Excellent Standability

					Wambugu) Kenya			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
286.WE4208	WE4208	2016	Monsanto/AATF	KALRO-Katumani	Recommended for growing in the moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya	4-5	7.6-7.7	▪ The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects ▪ Excellent Standability
287.DK777	DK777	2016	Monsanto Kenya limited	Monsanto Inc	Medium to Mid -high Altitude (1400 – 1800): Kakamega, Transoia, Nandi, Bugoma, Nyeri, Meru, Bomet, Njoro, Busia, Kiambu, siaya, Embu)	4 – 5	5-8	▪ Highly prolific ▪ Exceptional good grain texture (flint grain type) good for poundability ▪ Tolerant to cercospora zea-maydis (Grey Leaf spot) and helminthosporium turcicum (leaf blight) ▪ Tolerant to maize lethal necrosis (MLN) and resistant to Diplodia ▪ Good standability and uniform cob placement
288.ZG8781	DKC81-81	2016	Monsanto Kenya Limited	Monsanto Inc	Med ium Altitude (1400 – 1600): Embu, Kiambu, Nyeri, Meru,	4-5	7.6-8.0	▪ Very good tolerance to Maize streak virus ▪ Moderate tolerance to Puccinia sorghii (common rust), Cercospora zea-

					Bomet,Bungoma, Siaya, Busia)			maydis (Grey Leaf spot) and Hermothsporium turcicum (leaf blight) ▪ Highly prolific and good standability
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
289.07C2602	SC Tembo711	2016	Seed Co Ltd	Agri Seed Co Ltd	1200 to 1800 meters above sea level e.g. Kisii; Kericho; Bomet; Kakamega; Busia; Nakuru; Nyamira; Yala; Bungoma	4.5 – 5.5	7.5-9.3	▪ Helminthosporium turcicum blight tolerance ▪ Grey Leaf Spot and Maize Streak Virus tolerance ▪ High shelling percentage ▪ Good husk / tip cover ▪ Good standabilty hence reduced lodging
290.00C4823	SC Tembo 713	2016	Agri Seed Co Ltd	Agri Seed Co Ltd	1400 to 2200 meters above sea level e.g. Kakamega; Bungoma; Transnzoia; Nandi; Transmara; Kericho; Kisii; Bomet; Nakuru; Nyamira; Nyahururu and Narok	5 – 6	9.5-9.7	▪ Strong stalks & root system hence reduced lodging incidences ▪ Good tip cover; hence low incidences of cob diseases ▪ Grey Leaf Spot tolerance ▪ Robust growth – provides opportunity for alternative use as fodder crop ▪ Uniform mid-plant cob placement hence suitability for mechanized farming ▪ Tolerant to MSV
291.Maseno EH12	Ochakayongo	2016	Prof. Mathews Dida	Maseno University/Prof. Mathews Dida	Striga weed infested counties around Lake Victoria in Kenya of altitudes 1200 -1700 m	4- 4.5	4.0-7.5	▪ Tolerant to Striga weed (S. hermomthica) ▪ Tolerant to Maize Streak virus, Turcicum leaf blight.

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
292. Maseno EH14	Ohingo Kayongo	2016	Prof. Mathews Dida	Maseno University/Prof. Mathews Dida	Striga weed infested counties around Lake Victoria in Kenya of altitudes 1200 -1700 m	4- 4.5	5.3-7.8	▪ Tolerant to Striga weed (S. hermomthica) ▪ Tolerant to Maize Streak virus, Turcicum leaf blight.
293. CKHRM1202	PRESTIGE STRIGAWAY 01	2016	ELGON Seed Company	CIMMYT	Striga infested regions in Western Kenya such as Busia, Nyahera, Kibos, Alupe, Homabay, Luanda	4-4.5	5.2	▪ Herbicide (Imazapyr) resistant maize for control of Striga
294. CKHRM1204	FH525-IR	2016	FRESHCO Seed Company	CIMMYT	Striga infested regions in Western Kenya such as Busia, Nyahera, Kibos, Alupe, Homabay, Luanda	4-4.5	5.0-5.2	▪ Herbicide (Imazapyr) resistant maize for control of Striga
295. Maize Early	WE4140	WE4140	CIMMYT/ AATF	KALRO-Katumani/ CIMMYT	For dry low and transitional to dry-mid altitude regions	3-3.5	5-8	▪ The hybrid is early maturing ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and plant and ear aspects
296. Maize Early	WE4141	WE4141	CIMMYT/ AATF	KALRO-Katumani/ CIMMYT	For dry low and transitional to dry-mid altitude regions	3-3.5	4-8	▪ The hybrid is early maturing ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot,

								Turcicum leaf blight and maize streak virus ▪ It has good husk cover and plant and ear aspects
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
297. Maize Early	WE4142	WE4142	CIMMYT/ AATF	KALRO-Katumani/ CIMMYT	For dry low and transitional to dry-mid altitude regions	3-3.5	5-9	▪ The hybrid is early maturing ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and plant and ear aspects
298. Maize Midlate	KM1201	KKH635	KALRO	KALRO Kakamega	Medium to mid-Late (upper Midland AEZ) Altitude: 1600 to 1800m asl	5-6	9-11	▪ Resistant to blight and GLS
299. Maize Early	X35F962W	P2809W	Pioneer Hi-Bred Kenya	Pioneer Hi Bred Zimbabwe	Medium altitude areas, early to intermediate maturity .e.g. Machakos, Makueni, Embu, Meru, Kisumu, Busia, Migori , Muranga, etc	3-4	9	▪ Excellent grain texture (Flint) ▪ Stable hybrid ▪ Good MSV tolerance ▪ Good cob rot tolerance ▪ Quick dry down
300. Maize Transitional	MU10-233	KH500-55A	KALRO	KALRO Muguga	Moist - transition 1200-1600m asl	3-4	6-7	▪ Early maturity, MSV and GLS Resistant ▪ Drought tolerant ▪ Flint like to intermediate grains ▪ Medium sized cobs, white grains

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
301. Maize Medium	MZ1202	H 529	Kenya Seed Company	Kenya Seed Company	Medium AEZ'S 1200 -1500 masl	4-5	8-9	▪ Drought tolerance ▪ MSV and foliar disease tolerance ▪ Flint grains
302. WE5117	WE5117	2017	CIMMYT/ AATF	KALRO-Katumani	Dry transitional to dry-mid altitude regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, Mogotio, Rwika and Salama) Kenya	3.5-4.5	3.9-7.4	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
303. WE5120	WE5120	2017	CIMMYT/ AATF	KALRO-Katumani	Dry transitional to dry-mid altitude regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, Mogotio, Rwika and Salama) Kenya	4-5	3.8-7.4	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
304. WE5107	WE5107	2017	CIMMYT/ AATF	KALRO-Katumani	Moist transitional and moist mid	4-5	3.7-7.2	▪ The hybrid is drought tolerant

					altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya			▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
305.WE5113	WE5113	2017	CIMMYT/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	3.7-.7.3	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
306.WE5202	WE5202	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza	4-5	6.6-9.3	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects

					(Homabay) Kenya			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
307.WE5206	WE5206	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	7.9-10.0	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
308.WE5230	WE5230	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	7.0-9.6	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
309.WE5227	WE5227	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni,	4-5	7.5-9.8	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus

					Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya			▪ It has good husk cover and good plant and ear aspects
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
310.WE5218	WE5218	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Nyanza (Homabay) Kenya	4-5	7.3-10.1	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
311.WE5215	WE5215	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Homabay) Kenya	4-5	7.2-9.6	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
312.WE5213	WE5213	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of	4-5	7.5-9.6	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot,

					lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya			Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
313.WE5210	WE5210	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	7.6-10.0	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
314.WE5205	WE5205	2017	Monsanto/AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	7.4-9.6	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
315.WE4101	WE4101	2017	CIMMYT/ AATF	KALRO-Katumani	Moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya	4-5	5.3-7.5	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
316.WE4118	WE4118	2017	CIMMYT/ AATF	KALRO-Katumani	Moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya	4-5	4.8-7.0	▪ The hybrid is drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
317.WE4119	WE4119	2017	CIMMYT/ AATF	KALRO-Katumani	Moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya	4-5	4.8- 7.1	▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
318.WE5135	WE5135	2017	CIMMYT/ AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	3.5 -7.1	▪ MLN tolerant with a score of 2.9 ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
319.WE5138	WE5138	2017	CIMMYT/ AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	4.0-6.5	▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
320.WE5139	WE5139	2017	CIMMYT/ AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mw	4-5	3.5-6.4	▪ MLN tolerant with a score of 2.5 ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus

					ea, and Kianjai) Thika and Nyanza (Homabay) Kenya			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
321.WE5140	WE5140	2017	CIMMYT/ AATF	KALRO-Katumani	Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya	4-5	3.7-6.6	▪ MLN tolerant with a score of 2.5 ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
322.KATEH14-03	KDH414-11-Ukamez 6)	2017	KALRO	KALRO-Katumani	Dry transitional to dry-mid altitude regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya	3-3.5	4.6- 7.5	▪ Early maturing ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
323.KATEH14-05	KDH414-12 (Uka	2017	KALRO	KALRO-Katumani	Dry transitional to dry-mid altitude	3-3.5	4.3- 7.8	▪ Early maturing ▪ Drought tolerant ▪ Resistant to major leaf diseases such as

	mez 7)				regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama)			gray leaf spot, Turcicum leaf blight and maize streak virus, Stay green
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
324. FRC1202	FH-1202	2017	Freshco Kenya Ltd	CIMMYT	Dry transitional to dry-mid altitude	3-4	8-10	▪ Resistant to GLS and maize streak virus ▪ Has good husk cover
325. Progene X5-5	Progene FH-1205	2017	Freshco Kenya Ltd	Progene Seeds-Zimbabwe	Dry transitional to dry-mid altitude	3-3.5	8-10	▪ Resistant To GLS, MSV, and leaf Blight ▪ Has good husk cover
326. Progene X5-8	Progene FH-1208	2017	Freshco Kenya Ltd	Progene Seeds-Zimbabwe	Dry transitional to dry-mid altitude	4-5	8-10	▪ Resistant to GLS and MSV ▪ Has good husk cover
327. CKH08069	Shukran-16	2017	KALRO	CIMMYT/KALRO MTWAPA	COASTAL LOWLANDS (CL) 2, 3 and 4	4	6.0-7.5	▪ Drought tolerant ▪ Tolerant to foliar diseases
328. CKH122114	SIFA	2017	Dryland Seed Company /CYMMIT	Dryland	Medium Altitude (1200-1800 masl)	3-4	7-9	▪ Drought tolerance ▪ Tolerance to TLB, GLS and Common rust
329. CKH10778	KH500-54A	2017	KALRO/CIMMYT	KALRO MUGUGA	Mid-Late-1600-1800 M ASL Kakamega, Bungoma, Kitale, Kericho, Nandi,	5-6	8-9	▪ Medium maturity ▪ MSV and GLS Resistant ▪ Flint like to intermediate grains ▪ Large sized cobs, white grains ▪ Good husk cover and other ear aspects

					Vihhiga, Yala, Busia			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
330. KM1101	KH500-56A	2017	KALRO	KALRO MUGUGA/KAKAMEGA	Mid-Late-1600-1800 MASL Kakamega, Bungoma, Kitale, Kericho, Nandi, Vihhiga, Yala, Busia	5-6	8-10	▪ Medium maturity ▪ MSV and GLS Resistant ▪ Flint like to intermediate grains ▪ Large sized cobs, white grains ▪ Good husk cover and other ear aspects
331. CKH143975	TS401	2017	Topserve EA Ltd	CIMMYT	Dry transitional to dry-mid altitude	4-5	7-8.5	
332. EMH1101	KH500-13E	2017	KALRO	CIMMYT & KALRO Embu	Dry transitional to dry-mid altitude	4	5.5-7	▪ Drought tolerant ▪ Tolerant to foliar diseases and ear rots
333. MRI 594	SY 594	2017	MRI Seed Zambia limited, Lusaka, Zambia	MRI Seed Zambia limited;, Lusaka, Zambia	Medium Altitude & Transition zones	4-5	4.4-4.6	▪ GLS & rust tolerance and medium Turcicum tolerance ▪ Ear rot tolerance, especially Diplodia
334. 10C2738	SC Duma 419	2017	Seed Co Limited	Seed Co Kenya (Agri Seed Co Limited)	Medium Altitude & Transition zones	3-4	5.5-7.5	▪ High density grain hence enhanced storability ▪ Uniform cob placement hence ease in machine operations ▪ High shelling percentage hence more usable cobs ▪ Good tip cover ▪ Wide adaptation ▪ Drought tolerance ▪ Fast dry down ▪ Drooping ear at maturity ▪ Loose husks

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
335.10C8447	SC Pundamilia 545	2017	Seed Co Limited	Seed Co Kenya (Agri Seed Co Limited)	Medium Altitude & Transition zones	3-4	5.0-7.0	▪ High shelling percentage ▪ Tolerant to leaf diseases – GLS, Rust & MSV ▪ Tolerant to Grain diseases hence reduced post-harvest losses ▪ Stay green, hence can be used as animal feed after harvest ▪ Drought tolerance ▪ Tight husk cover preventing water from accessing the grains during rains after cob formation
336.11C86	SC Simba 649	2017	Seed Co Limited	Seed Co Kenya (Agri Seed Co Limited)	Medium & Altitude Mid-late zones	4-5	8.0-12.0	▪ Wide adaptability – Does well in Medium, mid-late and late environments ▪ Robust plant type that gives both high yield and high biomass also suitable as animal feed ▪ Tolerance to leaf diseases like blight, rust and MSV ▪ Drought tolerance, Good tip cover. Helps in reducing water entry into the cob thus preventing associated rots ▪ MSV tolerance ▪ Tolerant to lodging ▪ Flint medium sized grains ▪ Stay green ▪ Drought tolerant

								▪ Relatively uniform for machine cutting
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
337. H12ML1	H6506	2017	Kenya Seed Co. Ltd.	Kenya Seed Co. Ltd.	Medium altitude/transitional late	4-5	6 – 7	
338. H13M2	H6507	2017	Kenya Seed Co. Ltd.	Kenya Seed Co. Ltd.	Mid late altitude-late	4-5	8	▪ Low ear placement ▪ GLS tolerant, Large intermediate kernels ▪ Drought tolerant
339. EASH1129	MH502 (Taji)	2018	East African Seed Company Limited	East African Seed Company Limited	Areas 1300-1900m above sea level such as Machakos, Makueni, Kitui, Tharaka nithi, Siaya, Homabay.	4-5	7-9	▪ Tolerant to GLS (2), Rust (1), MSV (2) and MLN (2.8) ▪ White semi-flint grains ▪ Uniform cob placement(Good for mechanized operations) ▪ Good milling quality ▪ Strong stalk (Reduced lodging)
340. X28F421W	PAN3M-05	2018	Pioneer Cooperation Overseas	Pioneer Cooperation Overseas	Meduim Dry-Machakos, Makueni, Kitui, Tharaka nithi, Siaya, Homabay	3-4	4-9	▪ Good standability ▪ Grain quality is semi-flint ▪ Good Common Rust tolerance ▪ Good Head Smut resistance ▪ Maize Streak Virus tolerant ▪ Drought tolerant
341. CKH13605	ADV2304W	2018	Advanta Seed International	Advanta Seed International	Medium altitude (1400 - 1600 meters above sea level	4 - 5	5-7	▪ Highly adaptable to low nitrogen soils ▪ Tolerant to major leaf diseases like GLS, Turcicum, blight, MSV ▪ Good husk cover and standability ▪ Uniform and good ear placement ▪ Semi flint white grains

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
342. CKH 143960	ADV2308W	2018	Advanta Seed International	Advanta Seed International	Moist transitional and Moist mid altitude regions	4	5-6	▪ Excellent Drought tolerance ▪ Tolerant to major leaf diseases like GLS, Turcicum, blight, MSV ▪ Good husk cover and standability ▪ Semi flint white grains ▪ Drought tolerant
343. WE7118	WE7118	2018	AATF	KALRO/CIMMYT	Transitional to mid-late maturity (1000-1500M) - (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika)	4-5	5.5-6.0	▪ The hybrid is MLN tolerant (2) ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
344. WE7119	WE7119	2018	AATF	KALRO/CIMMYT	Transitional to mid-late maturity (1000-1500M)- (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika)	4-5	5.5	▪ The hybrid is MLN tolerant (2.5) ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
345. WE6109	WE6109	2018	AATF	KALRO/CIMMYT	Transitional to mod-late maturity (500-1000M)- (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika)	3-4	7	▪ The hybrid is MLN tolerant (2.7) ▪ Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
346.KATEH 16-01	KALZm-H4-301	2018	KALRO	KALRO-Kabete	Transitional to mid-late maturity (1000-2200M)-(Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea, Bomet, Narok and Thika)	4-5	6.5-7.7	▪ The hybrid is MLN tolerant (2.04) ▪ Drought tolerant ▪ Resistant to maize streak virus ▪ It has good plant and ear aspects and double cobber
347.KATEH 16-02	KALZm-H4-302	2018	KALRO	KALRO-Kabete	Transitional to the dry land (500-1800M)-(Machakos, Kitui, Makueni, Kangundo, Meru, Mukuyuni, Mwea, Bomet, Narok and Thika)	3-4	5.9-6.7	▪ The hybrid is MLN tolerant (1.71) ▪ Drought tolerant ▪ Resistant to maize streak virus ▪ It has good plant and ear aspects and good husk cover
348.KATEH 16-03	KALZm-H4-303	2018	KALRO	KALRO-Kabete	Transitional to mid-late maturity (1000-2000 M)-(Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea , Bomet, Narok and Thika)	4-5	5.5-6.1	▪ The hybrid is MLN tolerant (1.7) ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good plant and ear aspects and good husk cover
349.KATEH 14-02	KALZm-H3301	2018	KALRO	KALRO-Kabete	Growing in the dry low and transitional to dry-mid	3-4	4.7	▪ The hybrid is early maturing ▪ Drought tolerant ▪ Resistant to major leaf diseases such as

					altitude regions (500-1000M)			gray leaf spot, Turcicum leaf blight and maize streak virus
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
350.WE7117	WE7117	2018	AATF	KALRO/CIMMYT	Transitional to mid-late maturity (1000-1500M)-(Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea andThika)	4-5	5.4-6.0	▪ The hybrid is MLN tolerant (2) ▪ Drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
351.EASH1220	Tajiri	2019	East African Seed Company Limited	East African Seed Company Limited	Altitude: 100-1500 masl Examples: Kianjai,Mwea, Homabay,Kangundo,Kathiani,Mukuyuni,Mariakani and Thika	4-5	6-8	▪ Good grain texture ▪ Uniform cob placement(Good for mechanized operations) ▪ Good milling quality, Strong stalks (Reduced lodging) ▪ Drought tolerant
352.11C3330	SC SIMBA 661	2019	SEED CO GROUP	SEED CO	Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples:Embu, Busia, Bungoma, Siaya, Kirinyaga, Kericho, Nyeri.	4-5	8-10	▪ Good standability hence less lodging ▪ High shelling percentage hence less waste ▪ Stay green hybrid ▪ Highly uniform cob placement ▪ Tight and closed tip cover hence no bare tips ▪ Excellent white grain, Resistance to cob diseases ▪ Very good tolerance to GLS and leaf blight
353.CKMLN150074	SC DUM	2019	SEED CO / CIMMYT	SEED CO / CIMMYT	Altitude: 100-1200 m.a.s.l AEZ: ; LM1-4;	3-4	6-7	▪ Tolerant to MLND (score of 1-3 in the scale of 1-9)

	A 441				L3-4, CL3 Examples:Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni.			▪ Good standability hence less lodging ▪ Tolerant to leaf diseases like blight, MSV and GLS ▪ Drought tolerant hybrid
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
354.X35C454W	P3506W	2019	Pioneer Hi-Bred Kenya	Pioneer Hi Bred Zimbabwe	Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu	14-5	6.4-9	▪ Semi Flint, Stable hybrid ▪ Good MSV, Leaf blight and GLS tolerance ▪ Good cob rot tolerance ▪ Very good husk cover
355.WE6108	WE6108	2019	AATF	KALRO/CIMMYT	Altitude: 100-1500 masl Examples: Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika	4-5	6-7	▪ The hybrid is post flowering drought tolerant ▪ High yielder under optimum and drought conditions ▪ Resistant to major leaf diseases such as gray leaf spot,Turcicum leaf blight and maize streak virus
356.WE6110	WE6110	2019	AATF	KALRO/CIMMYT	Altitude: 100-1500 masl Examples: Kangundo, Meru, Kathiani (Hill Masses),	4-5	5-6	▪ The hybrid is post flowering drought tolerant, (High yielder under optimum and drought conditions) ▪ Resistant to major leaf diseases such as

					Mukuyuni, Mwea and Thika			gray leaf spot, Turcicum leaf blight and maize streak virus
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
357.WE6101	WE6101	2019	AATF	KALRO/CIMMYT	Altitude: 100-1500 masl Examples: Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya	3-4	4-6	▪ The hybrid is post flowering drought tolerant ▪ Resistant to major leaf diseases Ruch as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
358.WE6103	WE6103	2019	AATF	KALRO/CIMMYT	Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu	4-5	7-8	▪ The hybrid is post flowering drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
359.WE6105	WE6105	2019	AATF	KALRO/CIMMYT	Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu	4-5	6-7	▪ The hybrid is post flowering drought tolerant ▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects ▪ Early maturing in the highlands
360.WE6106	WE6106	2019	AATF	KALRO/CIMMYT	Altitude: 1400-1600 masl AEZ:	4-5	5-6	▪ The hybrid is post flowering drought tolerant

					UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu			▪ Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus ▪ It has good husk cover and good plant and ear aspects
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
361. CKDHH15008	ADV2309W	2019	CIMMYT/ Advanta Seed International	Advanta Seed International	Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu	4-5	5-7	▪ High shelling percentage ▪ Tolerant to major leaf diseases like GLS, Turcicum, blight, MSV ▪ Good husk cover and standability ▪ Uniform and good ear placement
362. CKDHH15064	ADV2310W	2019	CIMMYT/ Advanta Seed International	Advanta Seed International	Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu	4-5	5-8	▪ High shelling percentage ▪ Tolerant to major leaf diseases like GLS, Turcicum, blight, MSV ▪ Good husk cover and standability ▪ Uniform and good ear placement
363. CZH1257	SWARA PLH 457	2019	PEAL AGRO SERVICES	PEAL AGRO SERVICES / CIMMYT	Altitude: 100-1200 m.a.s.l AEZ: ; LM1-4; L3-4, CL3 Examples:Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo,	3-4	6-8	▪ Drought tolerant ▪ Early maturing ▪ Good standability ▪ Good husk cover

					Machakos, mariakani, Mwea, Kathiani, Mukuyuni.			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
364.CZH1258	KISHINDO PLH 458	2019	PEAL AGRO SERVICES	PEAL AGRO SERVICES / CIMMYT	Altitude: 100-1500 masl Examples: Kianjai,Mwea, Homabay,Kangundo,Kathiani,Mukuyuni,Mariakani and Thika	4-5	6.5-8	▪ Drought tolerant ▪ Early maturing ▪ Good standability ▪ Good husk cover ▪ Double cobber
365.CKH 12602	SY 4150	2020	Syngenta E.A Ltd	Maintainer: Syngenta, Zambia Source: CIMMYT	Altitude: 600 - 1200 AEZ: Mid –Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu, Muguga, Bungoma	3-4	6.5 -7.5	▪ Flint grain ▪ Good ear rot tolerance ▪ Drought tolerant ▪ Good common rust tolerance
366.CKH 12603	SY 6350	2020	Syngenta E.A Ltd	Maintainer: Syngenta, Zambia Source: CIMMYT	Altitude: 600-1200 AEZ: Mid-Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu,	3-4	6.5 -7.5	▪ Flint grain ▪ Drought tolerant ▪ Medium prolific potential ▪ Good standability

					Muguga, Bungoma			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
367.CKH1600055	SY 6450	2020	Syngenta E.A Ltd	Maintainer: Syngenta, Zambia Source: CIMMYT	Altitude: 600-1200 AEZ: Mid – Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu, Muguga, Bungoma	3-4	6.5 -7.5	▪ Flinty grain ▪ Low prolificacy ▪ Good standability ▪ Drought tolerant
368.SY 5344	SY 5344	2020	Syngenta E.A Ltd	Maintainer & Source: Syngenta Zambia	Altitude: 1000-1500 AEZ: Mid – Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu, Muguga, Bungoma	3-4	7.5-8.5	▪ Average ear rot tolerance ▪ Average standability ▪ Drought tolerant ▪ Low prolificacy
369.X30M330W	PAN 4M-11	2020	PIONEER Hi-Bred ZIMBABWE	PIONEER Hi-Bred ZIMBABWE	Altitude:1000-1200m asl AEZ:LM1-4 Sites:Kangundo,Mbooni,Machakos,Embu, Meru,Siaya,Busia,Homabay,Thika,Muranga	3-4	6-8	▪ Grain-semi flint ▪ Tolerance to MSV ▪ Drought tolerant ▪ Good husk cover ▪ Good cob placement

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
370.X30M 355W	P2848W	2020	PIONEER Hi-Bred ZIMBABWE	PIONEER Hi-Bred ZIMBABWE	Altitude:900-1200m asl AEZ: Sites:Machakos,Kitui,Homabay,Busia,Homabay,Siaya,Kisumu,,Embu,Tharaka Nithi	3-3.5	6-8	▪ Good grain quality ▪ Tolerance to MSV ▪ Drought tolerance ▪ Good cob placement
371.PAN 4M-23	PAN 4M-23	2020	PANNAR SEED	PANNAR SEED	Altitude:1000-1200m asl AEZ:LM1-4 Sites: Kangundo,Mbooni,Machakos,Embu,Meru, Siaya,Busia,Homabay,Thika, Muranga	3-4	6-8	▪ Good grain quality ▪ Tolerance to MSV ▪ Good cob placement ▪ Drought tolerant ▪ Good husk cover
372.PAN 7M-83	PAN7 M-83	2020	PANNAR SEED	PANNAR SEED	Altitude:1200-1500m AEZ:UM1-4 Sites:kakamega,Nyeri,Nakuru,Kirinyaga,Bungoma,Vihiga, Bomet,Kisii	4-5	7-9	▪ Good grain quality ▪ Tolerance to MSV ▪ Good husk cover ▪ Tolerance to cob rots
373.15C25 488	SC 447	2020	Seedco	Seedco	Altitude – 100 to 1200 masl AEZ: CL 1-5, L(IL) 1-5, UM 3-5 Sites: Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni.	3.5-4.5	5-6	▪ Good standability hence less lodging ▪ Drought tolerant ▪ Tolerant to MLND ▪ 3-Way Hybrid

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
374.16C37289	SC 445	2020	Seedco	Seedco	Altitude – 100 to 1200 masl AEZ: CL 1-5, L(IL) 1-5, UM 3-5 Sites: Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni.	3.5-4.5	5-5.5	▪ Highly tolerant to cob diseases like diplodia and fusarium cob rots ▪ White grain ▪ Tolerant to MLND ▪ Drought tolerant ▪ Single Cross Hybrid
375.12CK1	SC 801	2020	Seedco	Seedco	Altitude – 1400 to 1800 masl AEZ: LH 1-3, UM 1-2 Sites: Bungoma, Kakamega, Kapsabet, Nakuru, Kitale, Eldoret, Kabianga.	5.5- 6.0	9-12	▪ Extended stay green leading to longer period of green Stover availability for animal feed ▪ Closed tip cover hence no bare tips leading to reduced rots ▪ White grain – 3W Hybrid ▪ Moderate Resistance to cob diseases like diplodia and fusarium cob rots ▪ Highly tolerant to GLS and leaf blight
376.SY 6444	SY 6444	2020	Syngenta E.A Ltd	Maintainer & Source: Syngenta Zambia	Altitude: 1400 -1800, AEZ: Mid-Transitional High altitude, Sites: Western Kenya, Elegyo Marakwet, Central Kenya, Migori, Kisii,	5-6	9-10	▪ Excellent Ear rot tolerance ▪ Excellent GLS tolerance ▪ Medium prolificacy (density dependant)

					Bomet, Nyamira, Narok, Njoro, Bukura			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
377.UH5354	BAZOOKA	2021	NASECO /NACCRI (NARO Uganda) Wakala Africa Limited	NASECO/NACCRI (NARO-Uganda)	Altitude: 800-1800 m.a.s.1 AEZ: LM1-4, UM1-4, LH1-3 Sites: Busia, Embu, Kaguru, Kimaeti, Siaya, Soin and Wambugu,	4-5	8-12	▪ Heavy Semi flint grain with good grain texture and milling extraction ▪ Highly prolific double cobber ▪ GLS and MSV and Turcicum tolerant ▪ Uniform cob placement with good tip cover
378.X40H475W	PAN 7M-87	2021	PANNAR SEED K Limited	PANNAR SEED LTD	Altitude:1200-1500, AEZ: LM1-4, Sites: Busia, Embu, Kaguru, Kimaeti, Siaya, Soin, Wambugu	4-5	7-9	▪ Grain-Flint ▪ Tolerance to diplodia ear rot ▪ Tolerant to GLS ▪ Good standability ▪ Double cobs ▪ Highly adaptable ▪ Stay green characteristic
379.X35H478W	PAN 5M-37	2021	PANNAR SEED LTD	PANNAR SEED LTD	Altitude:1200-1500 AEZ: LM1-4 Sites: Busia, Embu, Kaguru, Kimaeti, Siaya, Soin, Wambugu	4-5	6-8	▪ Tolerance to MSV ▪ Grain-Semi flint ▪ Tolerant to NLB ▪ Good standability ▪ Drooping characteristic
380.SEG187RC	SY6250	2021	Syngenta E.A Ltd	Syngenta Zambia; Plot 5255, Mukwa Road, P. O. Box 33088, Heavy Industrial area, Lusaka, Zambia	Altitude: 1100—1900 m.a.s.l _AEZ: LH 3-4, UM 1-4, LM 1-4 Sites: Busia, Embu, Kimaeti, Kirinyaga, Siaya, Bukura, Kiambu, Siaya,	3-4	7-10	▪ Semi flint grain ▪ Drought tolerant ▪ Wide adaptation, over region ▪ Excellent ear rot tolerance ▪ Good lodging resistance

					Nyeri, Meru, Kakamega, Nakuru, Homabay, Kisii, Thika, Machakos			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
381.SY5054	SY5054	2021	Syngenta E.A Limited	Syngenta Zambia	Altitude: 800-1900 tn.a.s.l AEZ: LH 3-4, UM 1- 4, LM 1-4 Sites: Busia, Embu, Kimaeti, Kirinyaga, Siaya, Bukura, Kiambu, Siaya, Nyeri, Meru, Kakamega, Nakuru, Homabay, Kisii, Kangundo, Makueni, Machakos, Kitui,	3-4	6-9	▪ Wide adaptation over region ▪ Semi dent grain ▪ Good lodging resistance ▪ Very good GLS tolerance ▪ Drought tolerant
382.ETGM601	ETGM601 FALCON		ETCIKL	ETCIKL	Altitude: 1000-2000 m.a.s.l, AEZ : LM 1-3, Sites: Embu, Siaya, Migori,Soin, Kirinyaga, Meru, Busia, Kimaeti, Nyeri	3-4	9-10	▪ Drought tolerant ▪ Grain-semi flint(Intermediate) ▪ Medium maturity ▪ High grain density ▪ Good husk cover ▪ Good standability
383.X35N187W	X35N187W		PIONEER Hi-Bred Zimbambwe	PIONEER Hi-Bred Zimbambwe	Altitude: 1200-1500 m.a.s.l AEZ: lm 1-3, Site: Embu, Siaya, Migori,Soin, Kirinyaga, Meru, Busia, Kimaeti, Nyeri	3-4	8-11	▪ Grain –semi flint ▪ Good husk cover ▪ Good standability ▪ Tolerance to NCLB ▪ Wide adaptability

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
384.X35N186W	X35N186W		PANNAR SEED LTD	PANNAR SEED LTD	Altitude: 1200-1500 m.a.s.l AEZ: LM 1-3 Sites: Nyeri, Kimaeti, Siaya, Embu, Meru, Kirinyaga,Migori, Busia, Soin	3-4	7.5-10.5	▪ Grain –semi flint ▪ Good husk cover ▪ Good standability ▪ Tolerance to NCLB
385.X40P639W	P4025W		PIONEER Hi-bred (K) LTD	PIONEER Hi-bred (K) LTD	Altitude: 1500-1800 m.a.s.l AEZ: lh1-UM1-3 Sites: Uasin Gishu, Trans – Nzoia, Nakuru, Kakamega, Kisii, Kericho, Nyamira	4-5	8-13	▪ Grain –flint, Medium cob placement ▪ Tolerant to GLS, NCLB, Diplodia ▪ Excellent standability ▪ Excellent husk cover
386.SC 557	SC 557	2022	SEED CO GROUP	AGRI SEED CO LIMITED	Altitude:300 to 1300 m.a.s.l AEZ: LM 1-4, UM 1-4, LH 1-4 Sites: Homabay, Kangundo, Kathiani, Kianjai, Mukuyuni, Mwea, Thika and similar environments	3-4	5.3 – 8.2	▪ Drought tolerance, Closed tip hence protecting the cob from rainwater that could lead to cob rots, High tolerance to the cob rots
387.SC 559	SC 559	2022	SEED CO GROUP	AGRI SEED CO LIMITED	Altitude:300 to 1300 m.a.s.l AEZ: LM 1-4, UM 1-4, LH 1-4 Sites: Homabay, Kangundo, Kathiani, Kianjai, Mukuyuni, Mwea, Thika	3-4	5.3 – 7.4	▪ Drought tolerance ▪ Closed tip hence protecting the cob from rainwater that could lead to cob rots, High tolerance to the cob rots

					and similar environments			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
388.SC 555	SC 555	2022	SEED CO GROUP	AGRI SEED CO LIMITED	Altitude:300 to 1300 m.a.s.l AEZ: LM 1-4, UM 1-4, LH 1-4 Sites: Homabay, Kangundo, Kathiani, Kianjai, Mukuyuni, Mwea, Thika and similar environments	4-5	5.4 – 7.6	▪ Drought tolerance ▪ High shelling percentage ensuring a bigger proportion of the cob being food
389.X40P640W	PAN 9M-91	2022	Corteva agriscience k ltd	Corteva agriscience k ltd	Altitude:1500-1800 m.a.s.l AEZ: UM-LH Sites: Uasin Gishu, Nakuru, Kericho, Kakemega, Nandi, and lower highlands of Kisii, Bomet, Bungoma, Laikipia, Embu, Meru, Nyeri, Kirinyaga	5-6	9-11	▪ Tolerance to Northern Leaf Blight (Score of 2 in the scale of 1-5) ▪ Flint ▪ Good standability ▪ Low cob placement ▪ Good husk cover
390.X40N584W	P3815W	2022	Corteva agriscience k ltd	Corteva agriscience k ltd	Altitude:1500 m.a.s.l AEZ: LM-UM Sites: Kakamega, Bungoma, Nakuru, kericho, and upper midland of Nyeri, Embu, Busia, Kirinyaga,	3-4	7-10	▪ Tolerance to Northern Leaf Blight (Score of 2 in the scale of 1-5) ▪ Flint ▪ Good for milling-white grain ▪ Wide adaptation-grown in Mid-late to transitional highland ▪ Good standability-Low cob placement

					Kisii, Migori, Bomet, Meru			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
391.X40M329W	PAN 8M-97	2022	Corteva agriscience k ltd	Corteva agriscience k ltd	Altitude:1500 m.a.s.l AEZ: LM-UM Sites: Kakamega, Bungoma, Nakuru, kericho, and upper midland of Nyeri, Embu, Busia, Kirinyaga, Kisii, Migori, Bomet, meru	3-4	9-11	▪ Tolerance to GLS Score of 1.5 in the scale of 1-5) ▪ Resistance Northern leaf blight (Score of 2 in the scale of 1-5) ▪ Good standability (low ear placement ▪ Excellent grain texture (Flint) ▪ Has wide adaptation (grown from Medium to Mid-late)
392.ETG M401	ETG M 401 FALCON	2022	ETCIKL	ETCIKL	Altitude:60-1500 m.a.s. lAEZ: L 1-3 Sites: Machakos, Mbeere, Lower Meru, Kitui, Makueni, Narok, Tharaka/Nithi, Taveta, Kilifi, Kwale	3-4	4-5	▪ Drought tolerant ▪ Grain- semi flint(intermediate) ▪ High grain density ▪ Good husk cover ▪ Good stand ability
393.ZMS 623	ZMS 623	2022	Zambia Seed Company Ltd (Zamseed)	Zambia Seed Company Ltd (Zamseed)	Altitude:1000-1500 m.a.s.l Sites: Kangundo, Meru, Kathiani,Mukuyuni, Mwea and Thika	3-4	6-7	▪ Drought tolerant ▪ Tolerant to cob rots
394.CKDHH170018	KISHINDOB PLH 518	2022	PEAL AGRO SERVICES E ENTER. CO LTD.	CIMMYT-KENYA/PEAL AGRO SERVICES	Altitude: 800 - 2000 m.a.s.l Sites: Embu, Kirinyaga, Busia, Meru, Narok,	5-6	10-12	▪ Good stand ability ▪ Low ear placement ▪ Excellent tolerance to GLS(Score of 2 in the scale of 1-5)

					Kakamega, Soin.			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
395. CKH155902	KIFARU PLH 615	2022	PEAL AGRO SERVICES ENTER. CO LTD.	CIMMYT-KENYA/PEAL AGRO SERVICES	Altitude:1500-2200 m.a.s.l Sites: Kakamega, Lanet,Bukura, Bumula Kitale, Yala, Mabanga.	5-6	11-13	▪ Excellent tolerance to GLS(Score of 2 in the scale of 1-5) ▪ Good stand ability ▪ Good husk cover
396. Popcorn (R400 MR)	R400 MR	2023	Crookham.co./Bt Agricultural Ltd	Crookham.co./Bt Agricultural Ltd	Altitude:1000-2100 m.a.s.l AEZ: UM 3-4 Sites:Embu, Kirinyaga,Kaguru, Siaya,Soin,Busia and Kimaeti	3-4	6-7	▪ High resistance to common blight ▪ High resistance to rust and Northen con leaf rust
397. YG018	COW CORN	2023	Cultivo Africa Ltd	Cultivo Africa Ltd	Altitude:1000-2100 m.a.s.l AEZ:LH3 & UM4 Site: Embu, Nyeri, Meru,Narok,Bomet, Nakuru,Uasin Gishu, Tranzoia and Nandi county	3-4	50-53 fresh weight	▪ Yellow maize ▪ Tolerant to GLS (2),rust(1),MSV (2),TLB (2) ▪ High crude protein (11.95%) ▪ High dry matter content (20.9%) ▪ High digestibility of organic matter in dry matter (71%) ▪ High energy (10.4%)
398. FS 532	FS 787	2023	Oil Crop Development Ltd	Oil Crop Development Ltd	Altitude:1100-2100 m.a.s.l AEZ: UM 3-4 Site:Mwea, Thika,Embu, Kibos, Kakemega, Alupe Busia, Kaguru, Kimaite,Kirinyaga, Siaya	4-5	5-7	▪ Good grain texture and grain density ▪ Strong stems that does not lodge easily

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
399. FAWTH2001	KALZm-H5-301	2023	KALRO/CIMMYT	KALRO/CIMMYT	Altitude:1100-2100 m.a.s.l AEZ: Lower mid-land to upper midland zones Site:Mwea, Thika, Embu, Kibos, Kakamega, Alupe Busia, Kaguru,Kimaite, Kirinyaga,Siaya, Soin and Wambugu	4-5	6-7	▪ Good adaptability across agro –ecologies ▪ tolerant to fall armyworm ▪ resistant to gray leaf spot, Turcicum leaf blight and common rust ▪ Good husk cover
400. FAWTH2002	KALZm-H5-302	2023	KALRO/CIMMYT	KALRO/CIMMYT	Altitude:1100-2100 m.a.s.l AEZ: Lower mid-land to upper midland zones Site:Mwea, Thika, Embu, Kibos, Kakamega, Alupe Busia, Kaguru,Kimaite, Kirinyaga,Siaya, Soin and Wambugu	4-5	6-8	▪ Good adaptability across agro –ecologies ▪ tolerant to fall armyworm ▪ resistant to gray leaf spot, Turcicum leaf blight and common rust ▪ Good husk cover
401. FAWTH2003	KALZm-H5-303	2023	KALRO/CIMMYT	KALRO/CIMMYT	Altitude:1100-2100 m.a.s.l AEZ: Lower mid-land to upper midland zones Site:Mwea, Thika, Embu, Kibos, Kakamega, Alupe Busia,	4-5	6-8	▪ Good adaptability across agro –ecologies ▪ Tolerant to fall armyworm ▪ Resistant to gray leaf spot, Turcicum leaf blight and common rust ▪ Good husk cover

					Kaguru,Kimaite, Kirinyaga,Siaya, Soin and Wambugu			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
402. Maseno Sukari	Maseno Sukari	2023	Mathews M Dida/Maseno University	Mathews M Dida/Maseno University	Altitude:1200-1700 m.a.s.l AEZ: UM 1-4, LH 1-3 Site:Kisumu, Kakamega,Vihiga, Homabay,Migori, Busia, Embu, Siaya, Kisii, Kitale	4-5	7-14	▪ Resistant to major foliar disaeses,GLS (2), Rust (1), MSV (2),TLB(2), and Maize streak virus ▪ Very sweet as green maize
403. EASH1710	MH504	2023	Agriscope Africa Ltd	Agriscope Africa Ltd	Altitude:1100-2000 m.a.s.l AEZ: LH 3 (Lower Highland sub humid zone&UM4(Upper mid land transitional zones Site:Embu, Nyeri, Nakuru, Uasin Gishu, Transzoia,and Nandi county among others	4-5	7-8	▪ Resistant to major foliar disaeses,GLS (2), Rust (1), MSV (2),TLB(2) ▪ Good standibility (reduced lodging) ▪ Good husk cover, plant aspect and ear aspect
404. KSDH170029	H533	2023	Kenya Seed Co Ltd	Kenya Seed Co Ltd	Altitude:1000-1700 m.a.s.l AEZ: UM2-LM2 Sites:Embu, Kirinyaga,Kiambu,Busia,Kakamega	4-5	6-10	▪ Uniform ear placement ▪ Resistance to leaf blight ▪ Large flint like kernels ▪ Lodge tolerance ▪ Good husk cover
405. 19mz-27	H534	2023	Kenya Seed Co Ltd	Kenya Seed Co Ltd	Altitude:900-1700 m.a.s.l AEZ: UM2-	4-5	5.5-8.5	▪ Excellent husk cover ▪ Drooping ears ▪ Flint grains

					LM2 Sites:Embu, Meru, Murang'a, Lugari, Busia			▪ Lodge tolerance
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
406.DK7500	DK7500	2023	Bayer AG	Bayer East Africa Ltd	Altitude:900-1500 m.a.s.l AEZ: LM1-4 Sites:Mwea, Thika, Kangundo,Kathiani,Mukuyuni,Homabay, kianjai	3.4-5	8.5-9.0	▪ Yellow maize -dual purpose for both food/ feed utilization ▪ Good standability-strong roots/stalks hence low lodging ▪ Excellent tolerance to foliar disease ▪ Uniform cob placement - good for mechanized operations
407.ZS7701	DKC83-43	2023	Bayer AG	Bayer East Africa Ltd	Altitude:900-1500 m.a.s.l AEZ: LM1-4 Sites:Mwea, Thika, Kangundo,Kathiani,Mukuyuni,Homabay, kianjai	3.4-5	7.5-8.5	▪ Exceptional good grain texture(Flint type)-good for green maize ▪ Good standability - strong roots / stalks hence low lodging ▪ Uniform cob placement -good for machenized operations ▪ Excellent tolerance to foliar diease
408.ZR8643	DKC88-45	2023	Bayer AG	Bayer East Africa Ltd	Altitude:1000-1800 m.a.s.l AEZ: UM1-3 Sites:Busia, Embu, Kaguru, Kimaeti, Siaya, Soin, Kirinyaga,Wambugu	5-6	8-9	▪ Highly tolerant to maize leaf necrosis(MLN)(score of 3.5-4.5 in a scale of 1-9) ▪ Exceptional good grain texture(Flint type)-good for green maize ▪ Good standability - strong roots / stalks hence low lodging

								▪ Uniform cob placement -good for machenized operations ▪ Excellent tolerance to foliar diease and highly prolific -double cobbing
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
409.ZR9709	DKC97-09	2023	Bayer AG	Bayer East Africa Ltd	Altitude:1500-2200 m.a.s.l AEZ: LH1-3 Sites:Bukura, Bumula,Kabianga, Kakamega, Lanet, Mabanga, Yala, Baraton, Kitale, Chepkoilel	6-8	9-10	▪ Highly tolerant to maize leaf necrosis(MLN)(score of 3.5-4.5 in a scale of 1-9) ▪ Exceptional good grain texture(Flint type)-good for green maize ▪ Good standability - strong roots / stalks hence low lodging ▪ Uniform cob placement -good for machenized operations ▪ Excellent tolerance to foliar diease ▪ Highly prolific -double cobbing
410.H1100	H1100	2023	Hytech seed kenya	Maintainer: Hytech seed Kenya souce:MISR Hytech seed Kenya	Altitude:800-1500 m.a.s.l AEZ: LM1- 5 Sites:Thika,Kangunda, Kianjai, Mwea, Kathiani, Homabay and Soin	3-4	7-8	▪ Good Standability ▪ Good husk/ tip cover ▪ Good milling quality ▪ Long peduncle and suitable for the dry and green maize markets ▪ Stay green trait
411.H2055	H2055	2023	Hytech seed kenya	Maintainer: Hytech seed Kenya souce:MISR Hytech seed Kenya	Altitude:800-1800 m.a.s.l AEZ: LM1- 5, UM 4 Sites:Giaka, Mitunguu,	3-4	6-7.5	▪ Yellow kernels ▪ Early Maturity ▪ Good husk/tip cover ▪ Stay green trait

					Embu, Rwika, Kendu Bay, Bondo, Lambwe, Loitoktok			
Variety testing name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
412.H0330	Y203 *001	2023	Hytech seed kenya	Maintainer: Hytech seed Kenya souce:MISR Hytech seed Kenya	Altitude:800-1500 m.a.s.l AEZ: LM1- 5 Sites:Kakamega ,Bungoma, Embu, Rwika, Loitoktok,Kendu Bay, Bondo	3.4-5.5	8-9	▪ Yellow kernels ▪ Stay green trait ▪ Good husk/tip cover ▪ Tolerant to NCLB ▪ Good milling quality
413.SC553	SC553	2023	Seed CO Group	Agri seed co limited	Altitude:300-1300 m.a.s.l AEZ: LM1- 4, UM 1-4, LH 1-4 Sites:Homabay, Kangundo, Kathiani, Kianjai, Mukuyuni, Mwea, Thika, Busia and similar environments	3-4	5-7	▪ Cobs with closed tips protecting the grains from rain water thus reducing incidences of cob rots ▪ Tolerant to drought
414.CHKE21W001	MAZAO KAME 1	2024	KALRO	KALRO/CIYMMYT	Altitude:800-1450 m.a.s.l AEZ: IL 6, LM 5-6, LM 6 Sites:Kampi ya Mawe, Kitui, Rwika, Homabay, Mogotio, Katumani, Kathiani, Salama, Masimba, Kiboko etc	3-4	4-6	▪ High female inbred parent(INP) is introgressed with a dominant male sterile gene(MS44) which eliminates the process of detasseling during seed production

Variety testing name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
415. CHKM21W002	MAZAO 1	2024	KALRO	KALRO/CIMMYT	Altitude:1100-1500 m.a.s.l AEZ: LM2, LM 3, LM 4, LM 5 Sites:Busia, Siaya, Lower Kakamega, Lower Bungoma, Vihiga, Embu, Kirinyaga, Nyeri, Meru, Tharaka Nithi	4-5	5-8	▪ High female inbred parent(INP) is introgressed with a dominant male sterile gene(MS44) which eliminates the process of detasseling during seed production
416. CHKM21W003	MAZAO 2	2024	KALRO	KALRO/CIMMYT	Altitude:1100-1500 m.a.s.l AEZ: LM2, LM 3, LM 4, LM 5 Sites:Busia, Siaya, Lower Kakamega, Lower Bungoma, Vihiga, Embu, Kirinyaga, Nyeri, Meru, Tharaka Nithi	4-5	5-7	▪ High female inbred parent(INP) is introgressed with a dominant male sterile gene(MS44) which eliminates the process of detasseling during seed production
417. HKE160279	ADV2401W	2024	Advanta Seed International	Asi Seeds Enterprises (K)LTD	Altitude:1400-1800 m.a.s.l AEZ: UM 3, UM 4-5, LM1-3 Sites:Kakamega, Lanet,Bumula, Mabanga, Yala Bukura, Kabianga etc	4-5	8-10	▪ Tolerant to major leaf disease like GLS, Blight, rust, MSV & ear rots ▪ Good Standability ▪ Uniform ear placement with good husk cover ▪ Resistant to root and stem lodging ▪ Stay green at maturity for fodder utilization in addition to grain
418. CKDHH15008FNP	ADV2309W-EDV)	2024	Advanta Seed International	Asi Seeds Enterprises (K)LTD	Altitude:1200-1600 m.a.s.l AEZ: UM 4-5, UM5, LM1- 2	4-5	6-8	▪ Excellent Standability due to seed production from male sterility system

					Sites:Busia, Embu, Kaguru, Kimaeti, Kirinyaga, Siaya etc			▪ Tolerant to major leaf disease like GLS, Blight, rust, MSV ▪ Uniform ear placement and good husk cover

9. NATIONAL PYRETHRUM VARIETY LIST

Species: ***Chrysanthemum cinerariaefolium***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to peak production (months)	Flower yield (t ha-1 y-1)	Special attributes
1. 4743	1968	KARI	PBK	<2100	9-10	-	▪ High pyrethrins content
2. 3092	1968	KARI/PBK	PBK	1900	9-10	-	▪ High pyrethrins content
3. Ma/62/428	1968	KARI/PBK	PBK	2200	9-10	-	▪ High pyrethrins content
4. P4	1970	KARI/PBK	PBK	2100	9-10	0.6 - 0.8	▪ High pyrethrins content
5. Sb/66/107	1976	KARI/PBK	PBK	2200	9-10	0.9 -1	▪ High pyrethrins content
6. Ks/71/96	1977	KARI/PBK	PBK	1700	9-10	-	▪ High pyrethrins content
7. Sb/65/58	1977	KARI/PBK	PBK	1900	9-10	-	▪ High pyrethrins content
8. Mo/70/845	1977	KARI/PBK	PBK	2200	9-10	-	▪ High pyrethrins content
9. Mo/70/1124	1979	KARI/PBK	PBK	2200	9-10	0.9 - 1	▪ High pyrethrins content
10. Ma/71/423	1979	KARI/PBK	PBK	2200	9-10	1 - 1.1	▪ High pyrethrins content
11. Ma/75/4	1979	KARI/PBK	PBK	2200	9-10	0.9 - 1	▪ High pyrethrins content
12. Mo/74/122	1982	KARI/PBK	PBK	1700	9-10	0.9 - 1	▪ High pyrethrins content
13. Ks/71/6	1979	KARI/PBK	PBK	1700	9-10	0.9 - 1	▪ High pyrethrins content
14. Ks/75/313	1979	KARI/PBK	PBK	1700	9-10	1.1 - 1.2	▪ High pyrethrins content
15. KS/70/64	1979	KARI/PBK	PBK	1700	9-10	1 - 1.2	▪ High pyrethrins content
16. Ma/70/1013	1979	KARI/PBK	PBK	2200	9-10	1.1 - 1.2	▪ High pyrethrins content

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to peak production (months)	Flower yield (t ha-1 y-1)	Special attributes
17. L/75/487	1980	KARI/PBK	PBK	2200	9-10	1.1 - 1.2	▪ High pyrethrins content
18. Ks/75/336	1980	KARI/PBK	PBK	1700	9-10	1.1 - 1.2	▪ High pyrethrins content
19. L/75/477	1980	KARI/PBK	PBK	2200	9-10	1 - 1.1	▪ High pyrethrins content
20. Ks/72/43	1980	KARI/PBK	PBK	1700	9-10	0.9 - 1	▪ High pyrethrins content
21. Ma/74/223	1982	KARI/PBK	PBK	2200	9-10	0.9 - 1	▪ High pyrethrins content
22. Mo/74/443	1982	KARI/PBK	PBK	1700-2200	9-10	1 - 1.1	▪ High pyrethrins content
23. K218	1988	KARI/PBK	PBK	1700	9-10	0.9 - 1.1	▪ High pyrethrins content
24. K235	1988	KARI/PBK	PBK	1700	9-10	0.6 - 1.1	▪ High pyrethrins content
25. KENT 1	2023	KENTEGRA PYRETHRUM COMPANY	KENTEGRA PYRETHRUM COMPANY	Altitude:2200-2800 m.a.s.l AEZ:UH1-3 Sites :Nakuru,UasinGishu ,Elgeyo Marakwet,Nandi,Baringo, Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua,Meru , Embu ,and Bungoma	2-3 (from trans-planting)	1.35-1.85 per year for 4-6 years	▪ Pyrethrin content of 1.78 - 2.14
26. KENT 2	2023	KENTEGRA PYRETHRUM COMPANY	KENTEGRA PYRETHRUM COMPANY	Altitude:2200-2800 m.a.s.l AEZ:UH1-2 Sites :Nakuru,UasinGishu ,Elgeyo Marakwet,Nandi,Baringo, Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua,Meru , Embu ,and Bungoma	1.5-2from trans-planting	1.30-1.78 per year for 3-4 years	▪ Pyrethrin content of 1.70 - 2.16

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to peak production (months)	Flower yield (t ha-1 y-1)	Special attributes
27. KENT 3	2023	KENTEGRA PYRETHRUM COMPANY	KENTEGRA PYRETHRUM COMPANY	Altitude:2400-3000 m.a.s.l AEZ:UH1-2 Sites :Nakuru,UasinGishu ,Elgeyo Marakwet,Nandi,Baringo, Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua,Meru , Embu ,and Bungoma	2-2.54from trans-planting	1.2-1.7 per year for 4-5 years	▪ Pyrethrin content of 1.84 - 2.09
28. KENT 4	2023	KENTEGRA PYRETHRUM COMPANY	KENTEGRA PYRETHRUM COMPANY	Altitude:2200-3000 m.a.s.l AEZ:UH1-2 Sites :Nakuru,UasinGishu ,Elgeyo Marakwet,Nandi,Baringo, Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua,Meru , Embu ,and Bungoma	2.5-3from trans-planting	1.13-1.8 per year for 3-4 years	▪ Pyrethrin content of 1.82 - 2.12

10. NATIONAL SUNFLOWER VARIETY LIST

Species: ***Helianthus annus L.***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Seed yield(t ha-1)	Special attributes
1. H067	1974	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1500-2400	4-5	(2-3)	▪ High oil content
2. Kenya White	1957	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1500-2300	5-6	(2-3)	▪ Average oil content
3. Kenya Fedha	1981	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1000-2300	4-5	(3-4)	▪ High oil content
4. Kenya Shaba	1981	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1000-2300	4-5	(3-4)	▪ Average oil content
5. H.894	1988	Kenya Seed Co.	Kenya Seed Co.	1500-2400	4-5	(2-3)	▪ Combines high yield with high oil content
6. H893	1988	Kenya Seed Co	Kenya Seed Co.	1500-2400	4-5	(2-3)	▪ High oil content
7. H001	1989	Kenya Seed Co	Kenya Seed Co.	1500-2400	4-5	(2-3)	▪ Early
8. H.898	1989	Kenya Seed Co.	Kenya Seed Co.	1500-2200	4-5	(2-3)	▪ High oil content
9. H8998	1992	Kenya Seed Co.	Kenya Seed Co.	900-2200	4-5	(3-4)	▪ Early, High oil content
10. PAN 7352	1994	Pannar Seed	Pannar Seed (K)	1000-2200	4-5	1.9-2.5	▪ High oil content Black seeds
11. PAN 7369	1994	Pannar Seed	Pannar Seed (K)	1000-2200	4-5	1.2-2	▪ Black seeds 44% oil content ▪ Tolerant to bird attacks
12. Kenya Almasi	2008	KARI	KARI	0-2500	4-5	1.5–2.5	
13. KS-H4038	2008	Kenya Seed Co.	Kenya Seed Co.	1500-2300	3-4	3-3.6	▪ High yield ▪ High oil content (41%)
14. KS-H4088	2008	Kenya Seed Co.	Kenya Seed Co.	1500-2300	3-4	3.6-4	▪ High yield ▪ High oil content (43%)
15. Hysun 33	2021	Advanta Seed International	Advanta Seed International	Altitude: 900—2200 m asl AEZ: LH 1-4, UM 1-4, LM 1-4 Sites: Nakuru,	3-4	2.5-3.0	▪ High oil content (45% -48%) ▪ Wide adaptability ▪ Drought tolerant ▪ Tolerant to Alternaria, albugo

				Kakamega, Bungoma, TransNzoia, Busia, Timau, Embu, Taveta, Medium			and sclerotinia diseases Large head
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Seed yield(t ha-1)**	**Special attributes**
16. KAJ 037	2010	KARI	KAR-Njoro	1800-2400	4-5	1-3.0	▪ High yielding
17. KAJ 001	2010	KARI	KAR-Njoro	1000-2000	3-4	1-2.0	▪ Early maturity
18. PAN 7031	2010	Pannar Seed (K)	Pannar Seed (K)	900-2200	3-4	1.5-2	▪ Very high oil content (45%) ▪ Wide adaptability ▪ Very uniform ▪ Excellent standability
19. PAN 7033	2010	Pannar Seed (K)	Pannar Seed (K)	1000-2400	2-3	2-3.0	▪ Resistant to common rust ▪ Good on downy mildew and sclerotinia ▪ High oil content(41%), excellent standabilty
20. PAN 7034	2010	Pannar Seed (K)	Pannar Seed (K)	900-2200	3-4	1.5-2	▪ Good standability ▪ High oil content (43%) ▪ Excellent stability
21. PAN 7043	2010	Pannar Seed (K)	Pannar Seed (K)	1000-2400	4-5	2-3.0	▪ Very uniform, very high oil content (47%) ▪ Excellent standability ▪ Good on sclerotinia
22. PAN 7351	2012	Pannar	Pannar	900-2200	3-4	2-3.0	▪ Very high oil content (41%) ▪ Widely adaptable ▪ Uniform and excellent standability therefore ideal for

							combined harvesting
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Seed yield(t ha-1)**	**Special attributes**
23. NK ADAGIO	2016	Syngante E.A Ltd	Maintainer syngenta CH, source of varieties syngenta private breeding program.	900-2200 mid	3-4	2-3.0	▪ High oil content (47.3%) ▪ Good drought tolerance ▪ Tolerant toto sclerotinia wilt
24. NK KONDI	2016	Syngante E.A Ltd	Maintainer syngenta CH, source of varieties syngenta private breeding program.	1000-2400 Mid- Early	3-4	2-3.0	▪ Good homogeneity ▪ Very good oil content ▪ Low susceptibity to Phoma,macr9ophoma & botrytis ▪ Resisstant to Brome Rape race E
25. NK DELFI	2016	Syngante E.A Ltd	Maintainer syngenta CH, source of varieties syngenta private breeding program.	1000-2400 Early	3-4	2-3.0	▪ Good homogeneity ▪ Very good oil content ▪ Tolerant to promophosis ▪ Resisstant to Brome Rape race E
26. NX 55010(NK NEOMA)	2018	Syngante Ag,Basel,Switzerland	Syngante Ag,Basel,Switzerland	Transitional to medium and medium altitude	3-4	3	▪ A conventional linoleic oil type with high quality oil content of upto 55% ▪ Stability 8/9 ▪ Drought resistance7/9 ▪ A clearfield hybrid tolerant to IMI herbicides

11. NATIONAL COTTON VARIETY LIST

Species: ***Gossypium hirsutum***

Variety name/code	Official variety release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Lint yield (t ha-1)	Special attributes
1. KSA 81 M		1998	KARI	KARI-Kibos	0-1300	4-5	2-5	▪ Fine fibre lint
2. AF0903	IRMA L457	2012	CIRAD/IRAD/SODECOTON*	IRAD	0 - 1650	2.5 at 0 - 500m 2.5-3 at 1000-1650m	2	▪ Tolerance to Bacterial blight
3. AF0904	IRMA L484	2012	CIRAD/IRAD/SODECOTON*	IRAD	0 - 1650	2.5 at 0 - 500m 2.5-3 at 1000-1650m	2	▪ Tolerance to Bacterial blight
4. 06K486	DP 486	2012	Monsanto (K) Limited	Monsanto Inc.	0 - 1300	4-5	3-5	▪ High GOT ▪ Long , strong lint
5. 06K485	DP485	2015	MONSANTO (K) LTD	MONSANTO (K) LTD	0-1300 m ASL	4-5	1.15	▪ High yield ▪ Long fiber length ▪ Good leaf pubescence (hairiness).
6. HA-211 / Intercott 211	HA - 211	2017	Hazera Seeds	Hazera Seeds	Medium Altitude	1 ys	1.9	▪ Lint Quality ▪ Values Strength (gr/tex): 34 – 36 ▪ Elongation %: 7.5 - 8.0 ▪ Fineness (micr.): 3.6 - 3.8 ▪ Length (inch): 1.36 - 1.37
7. HA-701 / Intercott 701	HA - 701	2017	Hazera Seeds	Hazera Seeds	Medium Altitude	1 ys	1.9	▪ Lint Quality Values ▪ Strength (gr/tex): 33 – 35 ▪ Elongation %: 6.5 - 7.5 ▪ Fineness (micr.): 3.6 - 3.8 ▪ Length (inch): 1.33 – 1.34
8. C 567	MAHYCO C 567	2020	Mahyco Kenya	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3,	5-6	1.96 -	▪ Medium Maturity

			Private Limited		LM 4,LM 5, L3, L4, Sites:Mwea,Perkerra, Kibos,Barwessa,Matuga, Bura and Alupe		2.29	▪ Tolerant to sucking pests such as jassids and aphids ▪ Medium hairy leaves ▪ Long staple length with high fibre strength
Variety name/code	**Official variety release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Lint yield (t ha-1)**	**Special attributes**
9. C 569	MAHYCO C 569	2020	Mahyco Kenya Private Limited	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3, LM 4,LM 5, L3, L4, Sites:Mwea,Perkerra, Kibos,Barwessa,Matuga, Bura and Alupe	5-6	1.55-2.89	▪ Medium Maturity ▪ Tolerant to sucking pests such as jassids and aphids Large Boll Size ▪ Long staple length with high fibre strength ▪ Large Boll size
10. C 570	MAHYCO C 570	2020	Mahyco Kenya Private Limited	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3, LM 4,LM 5, L3, L4, Sites:Mwea,Perkerra, Kibos,Barwessa,Matuga, Bura and Alupe	5-6	1.55-1.93	▪ Early Maturity, Large Boll Size ▪ Tolerant to sucking pests such as jassids and aphids ▪ Long staple length with high fibre strength
11. C 571	MAHYCO C 571	2020	Mahyco Kenya Private Limited	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3, LM 4,LM 5, L3, L4, Sites:Mwea,Perkerra, Kibos,Barwessa,Matuga, Bura and Alupe	5-6	1.89-2.50	▪ Early Maturity ▪ Tolerant to sucking pests such as jassids and aphids ▪ Long staple length with high fibre strength

Variety name/code	Official variety release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Lint yield (t ha-1)	Special attributes
12. MRC 7017 BG-II	MAHYCO C 570 BGII	2020	Mahyco Kenya Private Limited	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe	5-6	2.2-3.0	▪ Tolerant to Bollworm Complex ▪ Early Maturity, Large Boll Size ▪ Tolerant to sucking pests such as jassids and aphids ▪ Long staple length with high fibre strength
13. MRC 7031 BG-II Bt. Cotton	MAHYCO C 569 BGII	2020	Mahyco Kenya Private Limited	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe	5-6	2.7-3.1	▪ Tolerant to Bollworm Complex ▪ Medium Maturity ▪ Tolerant to sucking pest such as jassids and aphids ▪ Long staple length with high fibre strength ▪ Large Boll Size
14. MRC 7361 BG-II Bt. Cotton	MAHYCO C 571 BGII	2020	Mahyco Kenya Private Limited	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe	5-6	2.5-2.6	▪ Tolerant to Bollworm Complex ▪ Medium Maturity ▪ Tolerant to sucking pest such as jassids and aphids ▪ Long staple length with high fibre strength ▪ Long staple length with high fibre strength
15. MRC 7377 BG-II Bt. Cotton	MAHYCO C 567 BGII	2020	Mahyco Kenya	Mahyco, India	Altitude: 1 to 1500, AEZ: LM 3,	5-6	2.3-4.8	▪ Tolerant to Bollworm Complex

			Private Limited		LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe			▪ Medium Maturity ▪ Tolerant to sucking pest such as jassids and aphids ▪ Long staple length with high fibre strength ▪ Long staple length with high fibre strength
Variety name/code	**Official variety release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Lint yield (t ha-1)**	**Special attributes**
16. US 401 Non Bt	US 401 Non Bt	2023	Seedsworks International Private Limited India	Seedsworks International Private Limited, India	Altitude: 50 to 2600 AEZ: LM 1-4 Sites: Mwea, Kitui, Homabay, Bura,Kisumu,Hola and Alupe	5-6	2.4-2.6	▪ Med-Late maturity ▪ Very Big bolls High boll retention ▪ Highly tolerant to sucking insects pests(Jassids, Whitefly,Aphids, Thrips) ▪ Drought Tolerant Rejuvenation capacity
17. US 402 Non Bt	US 402 Non Bt	2023	Seedsworks International Private Limited India	Seedsworks International Private Limited, India	Altitude: 50 to 2600 AEZ: LM 1-4 Sites: Mwea, Kitui, Homabay, Bura,Kisumu,Hola and Alupe	5-6	2.2 -2.4	▪ Medium maturity ▪ Big bolls ▪ Highly tolerant to sucking insects pests(Jassids, Whitefly,Aphids, Thrips) ▪ Drought Tolerant suitable for dual cropping
18. US 406 Non Bt	US 406 Non Bt	2023	Seedsworks International Private Limited India	Seedsworks International Private Limited, India	Altitude: 50 to 2600 AEZ: LM 1-4 Sites: Mwea, Kitui,	5-6	2.4 -2.6	▪ Medium maturity ▪ Medium bolls Good boll retention

					Homabay, Bura,Kisumu,Hola and Alupe			▪ Highly tolerant to sucking insects pests(Jassids, Whitefly,Aphids, Thrips) ▪ Drought Tolerant
Variety name/code	**Official variety release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Lint yield (t ha-1)**	**Special attributes**
19. US 408 Non Bt	US 408 Non Bt	2023	Seedsworks International Private Limited India	Seedsworks International Private Limited, India	Altitude: 50 to 2600 AEZ: LM 1-4 Sites: Mwea, Kitui, Homabay, Bura,Kisumu,Hola and Alupe	5-6	2.2-2.4	▪ Mid-Early maturity ▪ Medium big bolls ▪ Highly tolerant to sucking insects pests(Jassids, Whitefly,Aphids, Thrips) ▪ Drought Tolerant Tolerant to moisture stress
20. US 409 Non Bt	US 409 Non Bt	2023	Seedsworks International Private Limited India	Seedsworks International Private Limited, India	Altitude: 50 to 2600 AEZ: LM 1-4 Sites: Mwea, Kitui, Homabay, Bura,Kisumu,Hola and Alupe	5-6	2.2-2.4	▪ Medium maturity ▪ Medium big bolls ▪ Highly tolerant to sucking insects pests(Jassids, Whitefly,Aphids, Thrips) ▪ Drought Tolerant
21. US 410 Non Bt	US 410 Non Bt	2023	Seedsworks International Private Limited India	Seedsworks International Private Limited, India	Altitude: 50 to 2600 AEZ: LM 1-4 Sites: Mwea, Kitui, Homabay, Bura,Kisumu,Hola and Alupe	5-6	2.3-2.4	▪ Mid-Late maturity ▪ Very Big bolls Open plant type ▪ Highly tolerant to sucking insects pests(Jassids, Whitefly,Aphids, Thrips) ▪ Drought Tolerant
22. MIC 563	MIC 563	2024	Mahyco Kenya Private Limited	Mahyco Private Limited, India	Altitude: 1 to 1500 AEZ: LM 3, LM 4, LM	4-5	2-2.5	▪ Early Maturity Long Staple length &

					5, L3, L4, Sites: Mwea, Perkerra, Kibos, and Alupe			medium fibre strength
Variety name/code	**Official variety release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Lint yield (t ha-1)**	**Special attributes**
23. MIC 561	MIC 561	2024	Mahyco Kenya Private Limited	Mahyco Private Limited, India	Altitude: 1 to 1500 AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, and Alupe	5-6	2.5 -3	▪ Medium Maturity ▪ Large boll size ▪ Long Staple length ▪ Medium fibre strength
24. MIC 562	MIC 562	2024	Mahyco Kenya Private Limited	Mahyco Private Limited, India	Altitude: 1 to 1500 AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, and Alupe	5-6	2.5-3	▪ Medium Maturity ▪ Large boll size Long Staple length ▪ Medium fibre strength
25. MAHYCO C577	MAHYCO C577	2024	Mahyco Kenya Private Limited	Mahyco Private Limited, India	Altitude: 1 to 1500 AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, and Alupe	5-6	2.2 -2.7	▪ Early Maturity with good plant type ▪ Good Fibre percentage ▪ Long staple length with excellent fibre strength

12. NATIONAL FINGER MILLET VARIETY LIST

Species: ***Eleusine corocana L. Gaertn.***

Variety name/code	release name	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t/ha)	Special attributes
1. P-224	P-224	1981	KARI	KARI-Kakamega	1150-1750	3-4	4-5	▪ Tolerant to lodging and blast
2. Nakuru/FMI	FMI	1996	KARI - Lanet BRC	KARI-Lanet	1750-2300	5-7	2	▪ Tolerant to cold and drought
3. Kat/FMI		2000	KARI	KARI-Katumani	250-1150	3	1	▪ Drought tolerant
4. U-15	MARIDADI	2015	KALRO	KALRO (FCRI)-Kakamega	Western Kenya; Nyanza; Eastern counties; Rift Valley; and all Coastal counties	3 – 4	1.1 – 4.9	▪ Novelty:Early maturity, ▪ Blast,Striga, and lodging resistant ▪ Drought tolerant ▪ Brown grain colour ▪ Purple pigmentation
5. OKHALE-1	KAK-WIMBI 1	2016	KALRO (Dr. Chrispus .O.A. Oduori)	KALRO FCRI [Dr. Chrispus O.A. Oduori]	Low - High Altitude areas ranging 0 – 2,500 Busia, Bungoma, Kakamega, Vihiga, Homa-bay, Migori, Kisumu, Siaya, Kisii, Nyamira, Kitui, Makueni, Machakos, Tharaka/Nithi, Embu, and Meru, Kajiado, Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot andTurkana, Lamu, Kilifi, Tana River, Kwale, Taita Taveta,	2-5	1.14 – 6.67	▪ Blast, *Striga*, and lodging resistant ▪ Drought tolerant ▪ Brown grain colour ▪ Purple nodal pigmentation ▪ Robust plant type, Thick stem ▪ Large open panicles

					Murang'a, Kirinyaga, Nyeri			
Variety name/code	**release name**	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t/ha)**	**Special attributes**
6. I.E. 4115	KAK-WIMBI 2	2016	KALRO (Dr. Chrispus .O.A. Oduori)	KALRO (FCRI) [Dr. Chrispus O. A. Oduori]	Low - High Altitude areas ranging 0 – 2,500 Busia, Bungoma, Kakamega, Vihiga, Homa-bay, Migori, Kisumu, Siaya, Kisii, Nyamira, , Makueni, Machakos, Tharaka/Nithi, Embu, Meru, Kajiado, Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot andTurkana, Lamu, Kilifi, Tana River, Kwale, Taita Taveta, Murang'a, Kirinyaga, Nyeri	2-5	1.32 – 6.06	▪ Blast, *Striga*, and lodging resistant ▪ Drought tolerant ▪ Brown grain colour ▪ Purple, leaf, stem, nodal, and panicle pigmentation ▪ Erect plant type ▪ Straight panicles
7. KACIMMI 42	KAK-WIMBI 3	2016	KALRO (Dr. Chrispus .O.A. Oduori)	KALRO (FCRI) [Dr. Chrispus O. A. Oduori]	Low - High Altitude areas ranging 0 – 2,500 Busia, Bungoma, Kakamega, Vihiga, Homa-bay, Migori, Kisumu, Siaya, Kisii, Nyamira, Kitui, Makueni, Embu, Machakos, Tharaka/Nithi, and Meru, Kajiado, Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot and Turkana, Lamu, Kilifi, Tana River, Kwale, Taita Taveta, Murang'a, Kirinyaga, Nyeri	2-5	1.29 – 6.35	▪ Blast, Striga, and lodging resistant ▪ Drought tolerant, Brown grain colour ▪ Purple nodal pigmentation ▪ Robust plant type ▪ Thick stem ▪ Large open panicles.

Variety name/code	release name	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t/ha)	Special attributes
8. Maseno 60D	MSU FM 60D	2016	Prof. Mathews Dida	Maseno University/ Prof. Mathews Dida	Lowlands to mid altitudes 0 -1500 m above mean sea level	2.5 -3	3.12	▪ Extra early maturing ▪ Drought tolerant
9. KNE 741	EUFM-401	2018	EGERTON UNIVERSITY SEED UNIT	Egerton University Agropark seed Unit/ICRISAT	Lowland Areas <1500 masl including Machakos, Baringo, Kerio valley, Bomet, Narok, Tharaka, Muranga, Nyanza regions	65-75	1-1.4	▪ Super early, Escapes drought ▪ Tolerates heat and high temperatures
10. KNE 629	EUFM-502	2018	EGERTON UNIVERSITY SEED UNIT	Egerton University Agropark seed Unit/ICRISAT	Medium To High Altitudes1200-2200 masl: Nakuru, Uasin Gishu, Trans-Nzoia, Central Transmara, Bomet and Kisii, Migori, Elgeyo Marakwet	3-4	1.4-2.0	▪ Blast resistance ▪ Large canopy for weeds suppression, ▪ Good for fodder due high tillering ability ▪ Medium maturity
11. SDFM 1702	EUFM-503	2018	EGERTON UNIVERSITY SEED UNIT	Egerton University Agropark seed Unit/ICRISAT	Medium To High Altitudes 1200-2200 masl: Nakuru, Uasin Gishu, Muranga, Central Transmara, Baringo, Pokot, Elgeyo Marakwet Bomet and Kisii, Migori, Baringo, Kilgoris, Narok	3-4	1.5-2.5	▪ Long and many and fingers ▪ Blast resistance ▪ High tillering ability ▪ Medium maturity ▪ Tolerant to bird damage due to fist fingers ▪ Medium brown in color good for porridge

Variety name/code	release name	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t/ha)	Special attributes
12. EUFM05	Snapping finger millet green	2019	Egerton University	Egerton University	Altitude: 800-1600 masl Examples:Alupe,Bomet, Eldama ravine,Kisii, Embu and Kimaeti	3	2-3	▪ Has long fingers ▪ Can be harvested by hand ▪ Adaptable to sandy clay soil and loamy soil ▪ Early maturing
13. KACIMMI 49	KAK-WIMBI 5	2021	KALRO(Dr Chrispus O.A Oduori)	KALRO(FCRI) [Dr Chrispus O.A Oduori)	Altitude : 5-2,000 m.a.s.l AEZ : Lowlands – Midlands Altitude areas Sites: Busia, Kimaeti, Kisumu, Kisii, Homa Bay, Embu, Bomet, Elgeyo Marakwet	3-5	1.2-5.68	▪ Medium maturing ▪ Brown grain colour ▪ Erect plant type
14. KACIMMI 65	KAK-WIMBI6	2021	KALRO(Dr Chrispus O.A Oduori)	KALRO(FCRI) [Dr Chrispus O.A Oduori	Altitude: 5-2,000 m.a.s.l AEZ : Lowlands – Midlands Altitude areas Sites: Busia, Kimaeti, Kisumu, Kisii, Homa Bay, Embu, Bomet, Elgeyo Marakwet.	3-4	1.2-4.3	▪ Striga and lodging resistant ▪ Drought tolerant ▪ Early maturing ▪ Brown grain colour ▪ Profuse tillering ▪ Small to medium open panicles ▪ Small grain size
15. GBK029646A	KIS-WIMBI 1	2021	KALRO(Dr Chrispus O.A Oduori)	KALRO(FCRI) [Dr Chrispus O.A Oduori	Altitude : 5-2,000 m.a.s.l AEZ : Lowlands – Midlands Altitude areas	2-4	1.4-4.4	▪ Drought tolerant ▪ Early maturity

					Sites: Busia, Kimaeti, Kisumu, Kisii, Homa Bay, Embu, Bomet, Elgeyo Marakwet			▪ Whitish brown grain colour ▪ Erect plant type ▪ Finger branching ▪ Prominent grain size
Variety name/code	**release name**	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t/ha)**	**Special attributes**
16. AGRY-2	Mavuno	2021	AGrosoy Seed Company	AGrosoy Seed Company	Altitude 110-1800 m.a.s.l AEZ: Medium to High Sites : Kericho , Bomet, Kisii, Nandi, Nakuru	3-4	1.8-2.5	▪ Large fingers with big heads ▪ Brown seeded (acceptable trait for the market) ▪ Resistant to lodging, birds and blast disease
17. EUFM-8	Lama Finger Millet	2021	Egerton University	Egerton University Agroscience Park Seed Unit	Altitude : 1600-2000 m.a.s.l AEZ : Medium to High Sites : Kericho, Nandi, Kakamega, Kisii	3-4	1.8-2.2	▪ Early maturing ▪ Brown seeded preferred by the market ▪ High in Ca and Fe

13. NATIONAL PEARL MILLET VARIETY LIST

Species: ***Pennisetum glaucum L. Gaertn***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
1. Kat/PM 1	2000	KARI	KARI-Katumani	250-1150	2-3	2.7	▪ 80%bristled, Tolerant to bird damage
2. Kat/PM 2	2000	KARI	KARI-Katumani	250-1150	2	2.3	▪ Grain used at dough stage
3. Kat/PM – 3	2001	KARI	KARI-Katumani	250-1150	2	1.8	▪ Bold grains
4. Nutrifeed	2019	Advanta Seeds	Advanta Seed International	Altitude: 500 – 1500 masl, Examples: Bukura, Embu, Kiboko, Kitale and Lanet)	3 – 4 cuts per cropping season	30 - 70	▪ High protein (16 – 20%) ▪ High metabolizable energy (10mj/kg) ▪ Dry matter content of 17% ▪ Multi cut and drought tolerant ▪ Suitable for early feeding with no risk of prussic acid poisoning

14. NATIONAL FOXTAIL MILLET VARIETY LIST

Species: ***Setaria italica L***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. Kat/Fox-1	1981	KARI	KARI-Katumani	250-1500	3-4	1.8	▪ Cream grain colour

15. NATIONAL SORGHUM VARIETY LIST

Species: ***Sorghum bicolour***

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain (G) and/or Forage(F) yield (t ha^{-1})	Special attributes
1. Seredo	Seredo	1970s	KARI/KSC	KARI/KSC	250-1750	4	2.7 (G)	▪ Wide adaptability
2. Serena	Serena	1970s	KARI/KSC	KARI/KSC	250-1750	3	2.7 (G)	▪ Wide adoptability
3. BJ28	BJ28	1978	KARI	KARI-Lanet	1750-2300	7	2.5-3.0 (G)	▪ Dual purpose
4. 2K x 17	2K x 17	1981	KARI/KSC	KARI/KSC	250-1500	3	2.5 (G)	▪ Hard endosperm Dehulled to make a rice like product
5. IS76	IS76	1981	KARI/KSC	KARI/KSC	250-1500	3	2-3 (G)	▪ Semi hard endosperm
6. IS8595	IS8595	1982	KARI	KARI-Katumani	250-1800	3	2.7 (G)	▪ Grain covered by glum Low bird damage
7. Gadam	Gadam	1994	KARI	KARI	0-1500	3	2-2.5 (G)	▪ Specially adapted to coastal and semi-arid lowlands
8. Ikinyaluka	Ikinyaluka	1996	KARI	KARI Kakamega	1750-2300	7	8 (F)	▪ High quality forage
9. IS 8193	IS 8193	1996	KARI	KARI	500-1600	4	2.5 (G)	▪ Resistant to bird damage
10. Kat/PRO I	Kat/PRO I	1998	KARI/KSC	KARI/KSC	1000-1700		-	
11. KARI Mtama-1	KARI Mtama-1	2000	KARI	KARI-Katumani	250-1800	3-3.5	3.4 (G)	▪ Tolerant to stem borer
12. E1291	E1291	2000	KARI	KARI-LANET	1750-2300	7	2.7 (G) 2.7 (F)	▪ Dual purpose ▪ Good beverage quality
13. E 6518	E 6518	2000	KARI	KARI-LANET	1750-2300	8	3.4 (G) 7.2 (F)	▪ High quality
14. Sila	Sila	2006	AgriSeedCo Ltd	SEEDCO Zambia	250-1800	3-3.5	2-4 (G), 4(F)	▪ Dual Purpose
15. KARI 16. Mtama 2	KARI 16. Mtama 2	2008	KARI	KARI	500-1200	3.5	3.5	▪ Resistant to birds
16. Legio	Legio	2008	KARI	KARI	1000-2000	4	4.5	▪ High yield

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain (G) and/or Forage(F) yield (t ha^{-1})	Special attributes
17. Kaburu	Kaburu	2008	KARI	KARI	500-1500	3.5	4	▪ High yield
18. KARIA-SH2	KARIA-SH2	2008	KARI	KARI	1500-2000	5.5	4 (G) 8 (F)	▪ Dual purpose ▪ Tolerant to rust and cold
19. LDT090	KIBUYU	2011	LELDET	LELDET	1500-1800	4-5	3-4	▪ Wide adaptability ▪ Dual purpose ▪ Red seed resistant to bird damange
20. P9518A x ICSR92074	Hybrid Mtama-1 (KSBH-01)	2012	KARI	KARI Katumani	900-1800masl (Does well in hot dry and hot humid semi-arid areas)	3-3.5	2-4	▪ This is a hybrid sorghum ▪ Brown large seed ▪ Sweet stems (15+%Brix which increases after harvesting heads) ▪ High extractable starch (77.4%) ▪ Drought tolerance ▪ Early to medium maturity flowering 56-59 and 100-110 days to maturity
21. KenSorg2	KS - Sorg2	2013	Kenya Seed Co.	Kenya Seed Co.	250-1750 m.a.s.l Bungoma, Homabay, Siaya, Embu, Kakamega	2.5-3.5	2.0-3.0	▪ High milling capacity ▪ Anthracnose tolerance ▪ Ergot tolerance
22. Kensorg5	KS-Sorg1	2013	Kenya Seed Co.	Kenya Seed Co.	200-1800 m.a.s.l Bungoma, Homabay, Siaya, Embu, Kakamega	2.5-3.5	2.5-3.2	▪ Tolerance to bird damage ▪ Tolerance to Ergot
23. MUSVT53B	RUT53	2016	Rongo University College	Western and Eastern Kenya agro-ecologies		3-4	2.2-3.6	▪ Striga tolerant, tolerant to low phosphorus ▪ Tolerant to bird damage ▪ Tolerant to acid soils

								▪ Tolerant to head smut
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain (G) and/or Forage(F) yield (t ha^{-1})**	**Special attributes**
24. MUSV NYADUNDO	NYADUNDO	2016	Rongo University College	Western and Eastern Kenya agro-ecologies		3	2.5 - 3.0	▪ Drought tolerant, tolerant to bird damage ▪ Stay green ▪ Moderately tolerant to striga and acid soil ▪ Tolerant to head smut
25. MUSV 95A	RUE95	2016	Rongo University College	Western and Eastern Kenya agro-ecologies		3	2.5-3.0	▪ Drought tolerant ▪ Tolerant to Aluminium toxicity and low available phosphorus
26. 23012	ADV23012	2016	Advanta Seeds International	Kiboko, Kitui, Rwika, Katumani, Kilima mbogo		3	2.5-6.0	▪ Dwarf hybrid ▪ Short in height ▪ Suitable for mechanical harvesting ▪ Good for big farms ▪ Dwarf hybrid ▪ Tolerant to lodging ▪ Tolerant to drought ▪ Grain suitable for food ▪ Feed and brewery
27. KENSO RG 11	KS-KENSO RG-11	2016	ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3	2-3.5	▪ Drought tolerant ▪ resistant to diseases ▪ It does well in Eastern & Nyanza ▪ Poorly performed in Kimaeti, Bukura & Busia
28. KENSO RG 12	KS-KENSO RG-12	2016	ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3	2-3.5	▪ Drought tolerant, resistant to diseases

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain (G) and/or Forage(F) yield (t ha^{-1})	Special attributes
29. KENSO RG 13	KS-KENSO RG-13	2016	ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3-4	2-4	▪ Drought tolerant, resistant to diseases
30. KENSO RG 14	KS-KENSO RG-11	2016	ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3-4	2-4	▪ Drought tolerant and resistant to diseases
31. SC Smile	SC Smile	2016	Agri seed co limited	Agri seedco limited	Lowland to medium altitudes – Upto 1500 m.a.s.l e.g. Busia, Kitui, Kisumu, Machakos, Embu, Meru, Homabay, Bomet, Thika, Kilifi, Migori, Baringo, Bungoma & Makueni	3	2.5 - 3	▪ Tolerant to bird damage due to its red seeded colour, Reduced lodging as a result of short stature and strong stalks, It has good tolerance to both drought and heat, Satisfactory high yield potential across a wide range of environments, Tolerant to leaf blight and sooty stripe, Suitable for malting. SDU (sorghum diastatic units) 26-29 (spec 25-35); Solubility 100 %(spec >90%); Moisture – 6 %(spec 5-10%)
32. EUSH1	Egerton Sorghum Hybrid	2016	Egerton university	Prof Erick Cheruiyot & Dr. James Owuoche Source: ICRISAT	Agro ecological zone lower midland LM1-LM3, Altitude range:1300-1500	3	4.5	▪ Grain suitable for malting and brewing

Variety name/code	Official Release Name	Year of release	Owner(s) / License	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain (G) and/or Forage(F) yield (t ha^{-1})	Special attributes
33. SWEET SORG 4	KS-SWEET SORGH 4	2016	ICRSAT/ KSCO	Kenya Seed Company	250-1750 masl. Mwea, Homabay, Bungoma	2-3	2.9	▪ High milling capacity
34. SWEET SORG 14	KS-SWEET SORG 14	2016	ICRSAT/ KSCO	Kenya Seed Company	200-1750 masl Homabay,	2-3	3.83	▪ Dual purpose, high brix yield
35. SWEET SORG 17	KS – SWEET SORG 17	2016	ICRSAT/ KSCO	Kenya Seed Company	200-1000 masl Mwea, Homabay, Bungoma	2-3	3.12	▪ High stalk and juice yield and brix yield
36. SWEET SORG 21	KS – SWEET SORG 21	2016	ICRSAT/ KSCO	Kenya Seed Company	1800-1500masl Mwea , Kitui , Machakos, Kagio	3-5	3.2	▪ Brix 13.0%
37. KARI/ ACF003/12	Kak sweet Sorgh1	2016	KALRO (G. B. Ashiono)	KALRO NRI (G.B.Ashiono)	Areas ranginging from 500 – 1800 M.a.s.l. Western Kenya: Kakamega, Vihiga, Bungoma and Busia. Nyanza: Siaya, Migori, Homabay and Kisumu, Nakuru, Kericho, Naivasha, Kajiado, Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot, and Turkana, Nyeri and Nyandarua	4-5	2 (Grain). 16% Brix, 12% total Sugars	▪ This is a brown midrib sweet sorghum which is dual purpose, with sweet stems, white large grains, Drought tolerant, Medium maturity, Suitable for ethanol production
38. EUSS10	EUSS10	2016	Egerton university	Prof Erick Cheruiyot & Dr. James Owuoche, Source: ICRISAT	Agro ecological zone lower midland to Upper Midland LM1- UM Altitude	3-4	Grain: 1.3, Stalk: 40, Ethanol: 644 L/ha	▪ Stalk rich in sugars fermentable, Good for ethanol production and animal feed

					range:1200-2200			
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain (G) and/or Forage(F) yield (t ha^{-1})**	**Special attributes**
39. EUSS11	EUSS11	2016	Egerton university	Prof Erick Cheruiyot & Dr. James Owuoche Source: ICRISAT	Agro ecological zone lower midland LM1 Altitude range:1200-1500	3-4	Grain 2.4, Stalk 44, Ethanol 838 L/ha	▪ Stalk rich in fermentable sugars,
40. E97	RUE97	2017	Rongo University	Rongo University	Western Kenya (Kakamega county), around the low land areas of Lake Victoria basin (Homabay, migori,siaya, Kisumu, busia,), Eastern Kenya, (Machakos, Kitui, Embu	3	4-4.5	▪ Tolerance to Eggot, head smut, Drought tolerant, Moderately tolerant to striga and tolerant to aluminium toxicity and law levels of phosphorous in the soil
41. 7031	ADV7031	2018	Advanta Seeds	Advanta Seed International	Low to moderately high rainfall (450 to 750 mm annual rainfall)	2-3 to Midbloom, 3-4to Harvest	3.2 – 4.0	▪ Late maturing and high yielding cream hybrid ▪ Semi open head type, ▪ Resistant to Greenbug pest and midge ▪ Excellent drought tolerance
42. 7450	ADV7450	2018	Advanta Seeds	Advanta Seed International	Low to moderately high rainfall (450 to 750 mm annual rainfall)	2-3 to Midbloom, 3-4 to Harvest	3.0 – 3.5	▪ Late maturing and high yielding cream hybrid ▪ Semi open head type ▪ Resistant to Greenbug pest ▪ Excellent drought tolerance
43. 7431	ADV7431	2018	Advanta Seeds	Advanta Seed International	Low to moderate rainfall (450 to	2-3 to Midbloom, 3-4to Harvest	3.2 – 3.8	▪ Late maturing and high yielding cream hybrid

					650 mm annual rainfall)			▪ Semi Open head type ▪ Resistant to Greenbug and sugarcane aphids pests ▪ Excellent stay green hence suitable for both grain and fodder ▪ Excellent drought tolerance ▪ Very good plant uniformity
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain (G) and/or Forage(F) yield (t ha^{-1})**	**Special attributes**
44. 12GS9002	SC XH 101	2018	CHROMATIN / SEEDCO	CHROMATIN	Lowland to Medium altitudes like Kwale, Taveta, Embu, Machakos, Kitui, Thika, Embu, Baringo, Kisumu, Homabay, Busia and Bungoma	3.4-5	3-5	▪ Light brown grain coloured sorghum ▪ Low tannin hence suitable for brewing ▪ Large plants hence suitable for use as fodder crop / forage ▪ Tolerance to leaf diseases such as rusts (Puccinia purpurea) blight (Exserohilum turcicum) and sooty stripe (Ramulispora sorghi)
45. Sugargraze	Sugargraze	2019	Advanta Seeds	Advanta Seed International	Altitude: 500 – 1500 masl, Examples: Bukura, Embu, Kiboko, Kitale and Lanet	3 – 4 cuts per cropping season	40 - 70	▪ Sweet stem with very high sugar levels (16 – 18% brix) ▪ Multi cut forage and drought tolerant ▪ Dry matter content of 14%, Suitable for both hay

								▪ green chop and silage, Soft stems and internodes hence high palatability ▪ Higher digestibility and forage quality
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s) / License**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain (G) and/or Forage(F) yield (t ha^{-1})**	**Special attributes**
46. KALSb-OP4-32-01 (KAM 32-1)	Kamani	2019	KALRO	KALRO-KATUMANI	Altitude:500 – 1800 masl AEZ: LM 4-5 Examples: Kitui, Makueni, Machakos, Meru, Embu, Busia, Homabay and Siaya	3-4	3.5 – 4	▪ Good malting quality ▪ Big seeded, White seeded ▪ Short plants suitable for machine harvests ▪ Drought tolerant ▪ Tolerant to low temperatures ▪ Has very low tannin (sweet grain) ▪ Good for de-hulling
47. SWSB 8001	TEX 14	2023	Agventure Ltd	Agventure Ltd	Altitude:1200m – 1900m AEZ:UM (1-3),4-5;LM(1-3),4-5;L(1-3), 4-5 Sites: Bahati, Kabarak,Timau, Lengetia, Athi River, Njoro, Mau Narok.	3-4 after planting 1.5-2 for regrowth	60-75 fresh weight	▪ Multi cut forage, 3-4 per cropping season ▪ high regrowth capacity, high nutrional quality fodder interms of energy, protein, and fibre, can be used for green chop and silage ▪ Tex 14 is a sorghum x sudan so is a low risk hybrid for prussic Acid poisining, dry matter content of 30%
48. Jasiri	TZ 2 LOCAL	2024	KALRO	KALRO KATUMANI	Attitude: 100-1700 m.a.s.l AEZ:LM4-LM5, UM4-5	3-4	2-3.8	▪ 97.5% birdescaping(2.5% bird damage) Chalky white grain

					SITES:Kitui, Kampi ya mawa, Tharaka Ninthi, Kilimambogo etc			Drought Tolerant Has brewing quality (66.03% starch content)
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s) / License**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain (G) and/or Forage(F) yield (t ha^{-1})**	**Special attributes**
49. Pato 1	PL 14	2024	KALRO	KALRO KATUMANI	Attitude 1000-1800 m.a.s.l AEZ:UM4-5, LM3-LM5 SITES:Kitui, kampi ya mawe, tharaka nithi, kilimambogo etc	3-4	2-3.6	▪ 95% birdescaping(5% bird damage) Brown grain Drought Tolerant Moderate brewing quality(61.59% starch content)
50. Ndume	PL 20	2024	KALRO	KALRO KATUMANI	Altitude:900-1700 m.a.s.l AEZ: LM4-LM5, UM4-5 Sites: Kitui, Makueni,Tharaka nithi,Kampi ya Mawe,Kilimambogo,etc	3-4	2-3	▪ 95% birdescaping(5% bird damage) White grain with brown spots Drought Tolerant Has brewing quality (63.42% starch content)
51. SMART	PL 39	2024	KALRO	KALRO KATUMANI	Attitude: 9000-1500 m.a.s.l AEZ:LM4-LM5, UM4-5 SITES:Kitui, Kampi ya mawa, Tharaka Ninthi, Kilimambogo etc	3-4	2-3.5	▪ 99.4% birdescaping(0.6% bird damage) Pearl White grain Drought Tolerant Has brewing quality (66.28% starch content)
52. HUMMER	ICS	2024	KALRO	KALRO KATUMANI	Attitude 1000-2100 m.a.s.l AEZ:UM4-5, LM3-LM5 SITES:Kitui, kampi ya mawe, tharaka nithi, Makueni ,kilimambogo etc	3-4	2-3	▪ 88% birdescaping(12% bird damage) Red grain Drought Tolerant High calcium 50 mg/100g

Variety name/code	Official Release Name	Year of release	Owner(s) / Licensee	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain (G) and/or Forage(F) yield (t ha^{-1})	Special attributes
53. AGV KUZO	AGV KUZO	2024	KWS SAAT SE &Co KAAG	Agventure Limited	Attitude 1200-1800 m.a.s.l AEZ:UM3-5, LM3-LM5 SITES:Baringo, Nakuru, Narok, Laikipia, Meru etc.	4-5	4-6	▪ Good brewing quality Short plant height, Combine harvestable. Fast dry down Adaptable to different planting densities
54. KWS PASHO	KWS PASHO	2024	KWS SAAT SE &Co KAAG	Agventure Limited	Attitude 1200-1800 m.a.s.l AEZ:UM3-5, LM3-LM5 SITES:Baringo, Nakuru, Narok, Laikipia, Meru etc.	3-4	40-50 fresh matter yield	▪ Multipurpose cutting: green chop and silage. Good cold tolerance Tolerance to leaf blight (E. turcicum) Strong ratooning
55. MEGA SWEET	MEGA SWEET	2024	ADVANTA SEEDS	ASI SEEDS ENTERPRISES(K) LTD	Attitude 1100-2400 m.a.s.l AEZ:LH2-LH4, UM4-5,UM5,LM5 SITES:Lanet, Embu, Bukura,Kiboko, Njoro,Eldoret, Kitale,Nakuru,Bomet	2-3 days to 1st cut and2-3 days after previous cut fat ratoons	Green fodder yield up to 70 t/ha Dry matter yield of 15-20 t/ha (cumulative yield)	▪ High biomass yielding multicut (2 to 3 times) sweet sorghum forage hybrid. Low HCN content of 86-90 ppm 30 days after planting which is very safe for animals as it is below 200 ppm threshold. Thick and juicy stems High brix 14%-16% at soft dough stage High digestibility (63-65%)
56. BMR ROCKET	BMR ROCKET	2024	ADVANTA SEEDS	ASI SEEDS ENTERPRISES(K) LTD	Attitude 1100-2400 m.a.s.l AEZ:LH2-LH4, UM4-5,UM5,LM5 SITES:Lanet, Embu, Bukura,Kiboko,	2-3 to 1st cut and 1-2 days after previous cut fat ratoons	Green fodder yield up to 50 t/ha Dry matter yield of	▪ Hybrid with BMR 6 trait (low lignin) for increased digestibility Low HCN content of 68-100 ppm 30 days after planting which is very safe

					Njoro,Eldoret, Kitale,Nakuru,Bomet		12-15 t/ha (cumulative yield)	for animals as it is below 200 ppm threshold . Multicut ability (2 to 3 times) High protein(8%-10%) High leaf to stem ratio. High digestibility (60%) at dough stage
Variety name/code	**Official Release Name**	**Year of release**	**Owner(s) / Licensee**	**Maintainer**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain (G) and/or Forage(F) yield (t ha^{-1})**	**Special attributes**
57. MHTGS-12001	Ramses	2023	Hytech seed kenya	MISR Hytech Seed INT	Attitude 300-1500 m.a.s.l AEZ:LM4-5 SITES:Katumani, Kambi Mawe, Kilimambogo, Rwika, Mukothima etc	2.5-3	2.4-5	▪ Specialy adapted to coastal and lower medium altitudes Grain siutable for food, feed and brewing
58. HORUS	Horus	2023	Hytech seed kenya	MISR Hytech Seed INT	Attitude 300-1500 m.a.s.l AEZ:LM4-5 SITES:Katumani, Kambi Mawe, Kilimambogo, Rwika, Mukothima etc	2.5-3	3-4	▪ Specialy adapted to coastal and lower medium altitudes Medium Heights and uniform heights suitable for machine harvesting Grain siutable for food, feed and brewing
59. MABROUK	Mabrouk	2023	Hytech seed kenya	MISR Hytech Seed INT	Attitude 700-2500 m.a.s.l AEZ:LM1-3 um 1 SITES:Lanet, Embu, Kitale, Kiboko, Kaguru etc	2.5-3	60-80	▪ It's a multi-cut variety with cutting intervals of 50-65 days Silage protein levels at 15.74% High sugar content(Brix 17-20%) hence high ensiling quality Can withstand direct grazing

								Harvesting for 18-24 months Suitable in a wide range of environments

16. NATIONAL BARLEY VARIETY LIST

Species: ***Hordeum vulgare***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. Tumaini	1978	EABL/ KARI	East African Breweries Ltd and KARI	2100-2400	4.5	4.3	▪ Malting
2. Bima	1984	EABL /KARI	East African Breweries Ltd and KARI	1800-2400	4.5	3	▪ Malting ▪ Resistant to leaf rust (Puccinia hordei)
3. Ahadi	1989	EABL /KARI	Kenya Breweries Ltd	Above 2400	4.5	4.6	▪ Malting ▪ Resistant to scald
4. Sabini	1993	EABL	Kenya Breweries Ltd	Above 2100	4.5	3.81	▪ Moderately resistant to Scald and leaf rust ▪ Malting
5. Ngao	1993	KBL	Kenya Breweries Ltd	1500-1800	3 - 3.5	2-9	▪ Early maturity
6. Bahati	1997	EABL /KARI	Kenya Breweries Ltd	500 - 1800	4.5	5.1	▪ Moderate/good resistance to Scald and leaf rust ▪ Has strong straw ▪ Malting
7. Karne	2001	EABL	Kenya Breweries Ltd	1800 - 2100	4-5	4	▪ Good resistance to BYDV and Scald, Malting
8. QUENCH	2013	SYNGENTA	EAML & Syngenta	Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau	6	4-6	▪ Resistant to lodging ▪ High malting quality

				area). {1800-2400}			
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
9. PUBLICAN	2013	SYNGENTA	EAML & Syngenta	Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400}	6-6.5	6-8	▪ Resistant to lodging, Disease resistant (net & spot blotches) ▪ High malting quality
10. NFC TIPPLE	2013	SYNGENTA	EAML & Syngenta	Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400}	6	6-8	▪ Resistant to lodging ▪ High malting quality
11. COCKTAIL	2013	SYNGENTA	EAML & Syngenta	Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau area).	6-6.5	5-7	▪ Resistant to lodging ▪ High malting quality ▪ Disease tolerant

				{1800-2400}			
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
12. GRACE	2015	EABL	UOE/EABL Research and GMS	High and Medium altitude regions (1800-2600)	5.5 at high altitude/ 4.5 at low altitude	5-7	▪ Large grain size ▪ Ear length-long ▪ Ears-drooping ▪ Tolerant to net blotch, scald ▪ Resistant to Lodging ▪ Medium maturing ▪ Better malting/brewing qualities
13. ALICIANA	2015	EABL	UOE/EABL Research and GMS	High and Medium altitude regions (1800-2600)	5 at high altitude / 4.5 at low altitude	4-6	▪ Large grain size ▪ Long ear length ▪ Drooping ears ▪ Tolerant to net blotch, scald ▪ Resistant to lodging
14. CERISE LAUREL	2015	EABL	UOE/EABL Research	Medium and low altitude regions (500-1800)	4 at low altitude	4-5	▪ Resistant to BYDV, Net blotch and Scald ▪ Early maturing ▪ Tolerant to moisture stress
15. RGT Planet	2022	Agventure Limited	Maintainer: Agventure Limited, Source:RAGT Semences	Altitude: 1800-2600 masl AEZ: LH 3-4 Sites: Timau, Narok, Mau Narok, Nakuru (Njoro, Kabarak, Bahati, Molo), Eldoret (Moiben, Chepkoilel)	5-5.5 at medium altitude, 6-6.5at high altitude	6-8	▪ Moderately good resistance to net blotch ▪ High malting quality ▪ Resistant to lodging
16. LAURETTE	2024	EAML and Syngenta	EAML	Altitude: 1900-2600 masl AEZ: LH 3 Sites: Timau, Mau	5-5.5	4.5 - 7.0	▪ Good Malting and brewing qualities extracts>80% ▪ Moderately resistant to common diseases eg net blotch and scald

				Narok, Njoro and Chepkoilel etc			
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
17. PROPINO	2024	EAML and Syngenta	EAML	Altitude: 1900-2600 masl AEZ: LH 3 Sites: Timau, Mau Narok, Njoro and Chepkoilel etc	5-5.5	4.5 - 7.0	▪ Good Malting and brewing qualities extracts>80% ▪ Moderately resistant to common diseases eg net blotch and scald

18. NATIONAL RICE VARIETY LIST

Species: ***Oryza sativa l.***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months/days)	Grain yield (t ha-1)	Special attributes
1. Basmati		KARI	KARI-Kibos	ND	ND	ND	▪ ND
2. Sindano		KARI	KARI-Kibos	ND	ND	ND	▪ ND
3. NERICA 1	2009	KARI	KARI (Mwea & Kibos)	15-1700	3-3.3	2.5-5.5	▪ Aromatic, Blast tolerant, Long grains
4. NERICA 4	2009	KARI	KARI (Mwea & Kibos)	15-1700	3-3.4	3.2-6.5	▪ Blast tolerant, Long grains
5. NERICA 10	2009	KARI	KARI (Mwea & Kibos)	15-1700	2-3	3.5-6.7	▪ Early, Long grains, Blast tolerant
6. NERICA 11	2009	KARI	KARI (Mwea & Kibos)	15-1700	3-3.3	3-5	▪ High ratooning ability ▪ Long grains ▪ Tolerant to blast & drought
7. Dourado Precose	2009	KARI	KARI (Mwea & Kibos)	15-1700	3-4	2.3-5.5	▪ Beardless
8. Trenasse	2010	Africe seed company	Africe seed company-Malindi	0-1700	3.5-4	6.0-8.1	▪ Early maturing ▪ High ratooning ▪ Excellent threshability & milling quality ▪ Non – aromatic, semi dwarf, long grain ▪ Intermediate amylose content, Cooks dry & non sticky ▪ Intermediate gelatinization temperature ▪ Resistant to blast, brown spot and stem borer
9. SC 213	2010	Africe seed company	Africe seed company-Malindi	0-1700	4-4.5	6.2-9.6	▪ Long grain ▪ High tillering ability

							▪ Resistant to lodging ▪ Non aromatic ▪ Good milling quality ▪ Intermediate amylose content ▪ Cook dry & non sticky ▪ Good threshing ability ▪ Resistant to blast & stem borer
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months/days)**	**Grain yield (t ha-1)**	**Special attributes**
10. NIBAM 10	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	3-3.3	3.5 – 6.0	▪ Aromatic ▪ Tolerant to rice yellow mottle virus (rymv) ▪ Long slender grains ▪ Awned ▪ No anthocyanin ▪ High ratooning ability
11. NIBAM 11	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	3-4	3.2 – 6.5	▪ Aromatic ▪ Tolerant to rice yellow mottle virus (rymv) ▪ Long slender grains ▪ Awned ▪ No anthocyanin ▪ High ratooning ability
12. NIBAM 108	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	5-6	6-10	▪ Medium maturing ▪ Non aromatic, Long grains ▪ Tolerant to blast ▪ Awnless ▪ No anthocyanin ▪ High tillering capacity

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months/days)	Grain yield (t ha-1)	Special attributes
13. NIBAM 109	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	4-5	8-12	▪ Late maturing ▪ Non-aromatic ▪ Short thick grains ▪ Tolerant to blast ▪ Awnless ▪ No anthocyanin ▪ Very high tillering capacity
14. NIBAM 110	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	3-4	3.0 – 5.0	▪ Medium early maturing ▪ Tolerant to rice blast & rymv ▪ Non aromatic ▪ Long slender grain, Awnless, no anthocyanin
15. TXD306	2013	ARI - KATRIN	ARI - KATRIN	Irrigated and rain-fed lowland ecosystems	2.5-3	4.5-6.0	▪ Aromatic Paddy Rice, Good eating & cooking qualities ▪ Good milling quality ▪ Moderate tolerant to some RYMV and blast disease strains
16. IR-05N221	2013	KARI-MWEA/IRRI	KARI-MWEA	Irrigated and rain-fed lowland ecosystems	2.5-3	4.0-6.7	▪ Aromatic Paddy Rice, Good eating & cooking qualities ▪ Good milling quality ▪ Moderate tolerant to some RYMV and blast disease strains
17. KEH10004 (ARIZE 6444 Gold/ INH1001)	2014	Bayer Cropscience, Germany	Bayer Bioscience PVT. Ltd, India		4-5	7.5-9.0	▪ Highly tolerant to Bacterial leaf blight (Xanthomonas oryzae pv. oryzae) ▪ Moderately tolerant to blast,

							Hybrid of medium-late duration ▪ Medium slender grain ▪ Slightly aromatic ▪ Resistant to lodging ▪ No chaffiness ▪ Good milling yield (70 %)
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months/days)**	**Grain yield (t ha-1)**	**Special attributes**
18. KEH10005 (ARIZE TEJ Gold/INH 11001)	2014	Bayer Cropscience, Germany	Bayer Bioscience PVT. Ltd, India		4-5	7.0-8.0	▪ Highly tolerant to Bacterial leaf blight (Xanthomonas oryzae pv. oryzae) ▪ Moderately tolerant to blast, Hybrid of early duration ▪ Long slender high-quality grain, Slightly aromatic ▪ Resistant to lodging, No chaffiness ▪ Excellent milling yield (72 %)
19. AFEXH004	2018	Afritec Seed Ltd	Afritec Seeds Ltd	Suitable areas from 5 to 1200m. Best above 500m	3-4	9.2	▪ Aromatic: 175ppb Basmati 370 = 175ppb of 2-AP, The aroma component ▪ Good seed yields ▪ Long Slender Grain
20. AFEXH001	2018	Afritec Seed Ltd	Afritec Seeds Ltd	Best suited for areas below 500m	3-4	8.1	▪ Aromatic: 90ppb Basmati 370 = 175ppb of 2-AP, The aroma component

							▪ Very high yields in high altitudes
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months/days)**	**Grain yield (t ha-1)**	**Special attributes**
21. S5505*AT013	2018	AATF/ FreshCo	AATF/HEAL	Suited for all rice production areas in Kenya	3-4	9.3	▪ Good to excellent seed yields
22. S5517*AT013	2018	AATF/ SeedCo	AATF/HEAL	Suited for all rice production areas in Kenya	3-4	9.5	▪ Good to excellent seed yields
23. S5509*AT013	2018	AATF/Afritec Seed Ltd	Afritec Seeds Ltd	Sutiable for all production areas of Kenya.Broad adaptation to moisture stress	3-4	9.62	▪ Excellent Seed Yields ▪ Excellent field yields ▪ Adapted to both rainfed and irrigated conditions
24. AT054	2018	Afritec Seed Ltd	Afritec Seeds Ltd	Suitable from 20 msl to 1200msl. Best in areas above 500m, including Mwea and the Lake Basin	2-5	7.94	▪ Aromatic Basmati-like OPV with higher aroma levels than Basmati 370 (Aroma is over 220ppb)
25. S5517*AT014	2018	AATF/Afritec Seed Ltd	Afritec Seeds Ltd	Suitable for all rice growing areas in Kenya; slightly better in altitudes above 500m Such as Mwea and Western Kenya	3-5	9.2	▪ Very high seed production values ▪ Early maturing ▪ High milling value ▪ Long slender grain

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months/days)	Grain yield (t ha-1)	Special attributes
26. S5505*AT034	2018	AATF/Afritec Seed Ltd	AATF/HEAL	Suitable for all rice growing areas in Kenya, but slightly better in areas below 500m such as Hola ,Bura,Kisumu and Malindi	3-5	9.45	▪ High seed production values ▪ Hybrid variety ▪ Early maturing ▪ High milling value ▪ Long grain
27. AH19007	2021	AATF	Hybrids East Africa Limited/AATF	Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo	4-5	7-10	▪ Locally developed 2-line hybrid rice using TGMS ▪ Long grain ▪ Lodging resistant
28. ATH931 (AH19003)	2021	Afritec Seeds Limited/AATF	Afritec Seeds Limited	Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo	4	7-10	▪ Locally developed 2-line hybrid rice using TGMS ▪ Long grain ▪ Lodging resistant
29. AH19006	2021	AATF	Hybrids East Africa Limited/AATF	Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi,	4	7-10	▪ Locally developed 2-line hybrid rice using TGMS ▪ Long grain ▪ Lodging resistant ▪ Early maturing

				Hola, Bunyala, Kisumu, Bondo			

19. NATIONAL WHEAT VARIETY LIST

Species: ***Triticum aestivum L.***

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
1. Kenya Tembo	Kenya Tembo	1975	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2100	4-5	1.3 -1.8	▪ Lodging resistance
2. Kenya Kongoni	Kenya Kongoni	1975	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2700	4-5	1.3 -1.6	▪ Acid soil tolerant
3. Kenya Fahari	Kenya Fahari	1977	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2400	3-5	1.1-1.6	▪ Resistant to Russian wheat aphid
4. Kenya Nyumbu	Kenya Nyumbu	1982	KARI/Kenya Seed Co.	KARI	1800-2100	4-5	1.3 -1.8	▪ Resistant to stem rust
5. Kenya Mbuni	Kenya Mbuni	1987	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2400	4-5	2.8-6.0	▪ High yielding
6. Kenya Kwale	Kenya Kwale	1987	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	2100 - 2400	4-5	2.8 -6.7	▪ High yielding ▪ Tolerant to sprout
7. Kenya Pasa	Kenya Pasa	1989	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2400	4-5	2.3-6.7	▪ High yield ▪ Resistant to lodging
8. Kenya Chiriku	Kenya Chiriku	1989	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2400	4-5	2.6-6.0	▪ Resistant to rust
9. Kenya Duma	Kenya Duma	1998	KARI	KARI Njoro	<1800	2-3	2.0 - 3.4	▪ Drought tolerant & Early maturity
10. Kenya Mbega	Kenya Mbega	1998	KARI	KARI	1800-2100	4-5	3.0 -6.8	▪ High yielding ▪ Resistant to leaf rust
11. Ngamia	Ngamia	1998	KARI	KARI	1800-2400	3-4	1.8 -3.6	▪ Drought tolerant
12. Kenya Chozi	Kenya Chozi	1999	KARI	KARI	1500-1800	4-5	2.3 -5.6	▪ Drought tolerant
13. Kenya Heroe	Kenya Heroe	1999	KARI	KARI	2100-2400	4-5	3.5 - 7.2	▪ High yielding

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
14. Kenya Yombi	Kenya Yombi	1999	KARI	KARI	1800-2100	3-4	3.3 -7.0	▪ High yielding
15. KS Mwamba	KS Mwamba	2001	Kenya Seed Co.	Kenya Seed Co.	1500-2400	3-4	2.0-5.6	▪ Wide adaptation ▪ High yield
16. Njoro BW1	Njoro BW1	2001	KARI	KARI	1800-2400	3-4	2.2-4.7	▪ Drought tolerant ▪ High protein content
17. Njoro BW2	Njoro BW2	2001	KARI	KARI Njoro	1800-2400	3-4	3.7-8.0	▪ Tolerant to acid soil ▪ Resistant to lodging
18. KS Simba	KS Simba	2007	Kenya Seed Co.	Kenya Seed Co.	1500-2400	3-4	2.5-5.0	▪ Suitable for both marginal and high potential areas ▪ Good baking quality
19. Farasi	Farasi	2007	Kenya Seed Co.	Kenya Seed Co.	1800-2400	4	2.5-5.0	▪ Resistant to most foliar diseases ▪ Good baking quality
20. Kenya Ibis	Kenya Ibis	2008	KARI	KARI Njoro	1500-1800	3.5 - 4.0	6-Mar	▪ Drought tolerant ▪ Tolerant to stem rust ▪ Good baking qualities
21. KS-Chui	KS-Chui	2008	Kenya Seed Co.	Kenya Seed Co.	1800-2400	4	1.5 - 3.0	▪ Adapted to high potential and marginal areas ▪ Good tolerance to foliar diseases
22. KSRR 2	Kenya Robin	2011	KARI	KARI-NJORO	1800-2700m	3.5	7.0-8.0	▪ Bred for adult plant resistance to stem rust (Ug99 strain) ▪ Early maturing and widely adopted ▪ Does well in low to high altitude (lower Narok, Timau and Mau Narok ▪ Large grains with a test weight of 48g/1000kennels ▪ High protein content (12.5) and good milling and baking qualities

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
23. KSRR 4	Eagle 10	2011	KARI	KARI-NJORO	1800.2100 m	3.5	6.0-7.0	▪ Good resistance to stem rust (Ug99 strain) ▪ Very early maturing hence suitable for drought prone areas like Mweiga, lower Narok and Rongai ▪ Long grained with high protein content of 13% ▪ Very good baking quality
24. KSRR 10	Kenya Hawk12	2012	KARI	KARI-Njoro	2100-2400	4-5	7.5	▪ Red hard grain with resistance to both lodging and sprout ▪ High test weight and baking qualities ▪ May be good for areas that receive rain during harvesting like Mau Narok and Timau ▪ Resistant to both stem rust and yellow rust
25. KSRR 5	Kenya Tae	2012	KARI	KARI-Njoro	1800-2100	3-4	6.5	▪ Resistant to both stem rust and yellow rust ▪ Red hard grain with heavy biomass ▪ May be well adopted by farmers who use straw for livestock feed.
26. KSRR 6	Kenya Sunbird	2012	KARI	KARI-Njoro	1800-2100	3-4	6.8	▪ Resistance to both yellow and stem rust ▪ High biomass ▪ High protein content ▪ Suitable for whole grain chapatis and baking.

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-[1])	Special attributes
27. KSRR 7	Kenya Wren	2012	KARI	KARI-Njoro	2100-2400	4-5	8.1	▪ Has adult plant resistance to both yellow and stem rust diseases ▪ Large red hard grain with excellent flour conversion ▪ High protein content, good for home baking and chapattis ▪ Tolerant to acidic soils
28. KSRR 8	Kenya Korongo	2012	KARI	KARI-Njoro	Below 1800	3-4	7	▪ White hard grain ▪ Very high flour conversion with good baking qualities ▪ Recommended for dry areas like Rongai and Naivasha
29. KSRR 11	Kenya Kingbird	2012	KARI	KARI-Njoro	Below 1800	3-4	6	▪ Developed for Adult plant resistance to both stem rust and yellow rus ▪ A good parent in breeding especially for rust diseases ▪ White grain with very high test weight and flour conversion
30. 09B4	KS-Kanga	2013	Kenya Seed Co.	Kenya Seed Co.	1800-2500 Narok, Nanyuki, Uasin Gishu, Njoro	3-4.5	1.8-3.8	▪ Tolerant to glume blotch, ear-rot, stem rust ▪ Good tillering ability ▪ Good baking quality ▪ Slow rusting
31. 08B42	KS-Nyota	2013	Kenya Seed Co.	Kenya Seed Co.	1800-2500 m.a.s.l - Narok, Rumuruti, Rongai, Lanet, Uasin Gishu	3-4	1.8-3.5	▪ High yield ▪ Good tilling ability ▪ 72.35 extraction test ▪ Medium sprouting ▪ Stable dough

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-[1])	Special attributes
32. CHEP BW2	Eldo Baraka	2014	University of Eldoret	University of Eldoret	1500-2700 And as rotation crop in bimodal rainfall areas	3-5	3.2- 4.5	▪ Resistant to stem rust of wheat Ug99 ▪ Moderately Drought tolerant ▪ Medium maturing ▪ Erect and non lodging suitable for combine harvesting ▪ Tolerant to Fusarium wilt and high acidity ▪ Red seeded
33. CHEP BW4	Eldo Mavuno	2014	University of Eldoret	University of Eldoret	Medium to high rainfall ,areas such as Eldoret, Kitale, Nakuru and Narok.	4-5	4.5-5.5	▪ Stem rust resistant ▪ Good baking quality ▪ High gluten ▪ Resistant to lodging
34. R1238	Kenya Hornbill	2016	KALRO	KALRO Njoro	1800 – 2100 MASL Examples of optimal growing areas: Njoro, Rongai, Endebees, Kinamba, Moiben	3-4	7.5	▪ White hard grain ▪ high grain protein content ▪ Good for home baking (*e.g.* Chapatis) ▪ High adult plant resistance to yellow rust and moderate resistance to stem rust ▪ Tolerant to soil acidity
35. R1244	Kenya Deer	2016	KALRO	KALRO Njoro	Below 1800 MASL Examples of optimal growing areas: Lower Narok, Lanet, Naivasha	3-4	7.8	▪ White hard grain ▪ Good for home baking (*e.g.* Chapatis) ▪ High adult plant resistance to stem and yellow rusts ▪ Early maturity
36. R1271	Kenya Weaverbird	2016	KALRO	KALRO Njoro	1800 – 2100 MASL Examples of optimal	3-4	8	▪ Amber –to – red colored hard grain ▪ Good bread making quality

					growing areas: Njoro, Rongai, Endebees, Kinamba			▪ High adult plant resistance to stem rusts ▪ Moderate to high tillering ability with well filled spikes ▪ Good ability to tolerate drought, partly due to the variety's high foliage glaucosity/waxiness
Variety name/code	**Official Release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
37. R1286	Kenya Peacock	2016	KALRO	KALRO Njoro	2100 – 2400 MASL Examples of optimal growing areas: Mau Narok, Timau	4-5	8.2	▪ Amber –to – red colored hard grain ▪ High grain protein ▪ Excellent bread making quality ▪ High Adult Plant Resistance to both Stem and Yellow Rusts
38. R1301	Kenya Falcon	2016	KALRO	KALRO Njoro	2100 – 2400 MASL Examples of optimal growing areas: Mau Narok, Timau	3-4	8	▪ Red colored hard grain ▪ Good bread making quality ▪ Excellent seedling and adult plant resistance to stem rust ▪ Highly resistant to yellow rust ▪ Long, well filled spikes ▪ Medium Maturity
39. R1302	Kenya Songbird	2016	KALRO	KALRO Njoro	1800 – 2100 MASL Examples of optimal growing areas: Njoro, Rongai, Endebees, Kinamba, Upper Narok	3-4	8.2	▪ Amber –to – red colored hard grain ▪ High grain protein ▪ Good bread making quality ▪ Moderate Adult Plant Resistance to both Stem and yellow rusts ▪ Medium maturity

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-^{1})	Special attributes
40. R1305	Kenya Pelican	2016	KALRO	KALRO Njoro	2100 – 2400 MASL Examples of optimal growing areas: Mau Narok, Timau	4-5	8.5	▪ Red colored hard grain; good bread making quality ▪ High adult plant resistance to stem and yellow rusts
41. 013B31	KS Wheat 04	2018	KSCo	KSCo	1800 - 2500 m.a.s.l. (Timau, Narok, Nanyuki, Nakuru, Uasin Gishu, Trans Nzoia)	3-4	3.85	▪ Spring type; >7 Tillers per plant hence good tillering ability ▪ Average height 90cm ▪ Good stem rust resistance 2/5 (APR to Sr & Yr) ▪ Rred-coloured hard grains ▪ Good milling and for bread baking (i.e. whole grain bread) ▪ Resistant to lodging
42. R1494	Kenya Kasuku	2019	KALRO	KALRO-NJORO	Altitude:800 – 2400 masl AEZ: LH2, LH3, UH2, UH3 Examples: Njoro, Mau-Narok, Upper Narok, Timau, Oljororok, Kinamba, Moiben	3-4, (Medium)	7.0 – 8.0	▪ Red hard grain ▪ Good milling and baking qualities ▪ Moderately resistant to original Ug99 races ▪ In warmer weather, susceptible to “isolate TTKTT” and integrated management will be required ▪ Long well filled spikes ▪ Semi dwarf; resistant to lodging
43. R1495	Kenya Jacana	2019	KALRO	KALRO-NJORO	Altitude:800 – 2400 masl AEZ: LH2, LH3, UH2, UH3 Examples: Njoro, Mau-Narok, Upper	3-5(Medium-slightly late)	6.5 - 8.0	▪ Red hard grain ▪ Good milling and baking qualities ▪ Moderately resistant to original Ug99 races ▪ In warmer weather, susceptible to “isolate TTKTT” and integrated

					Narok, Timau, Oljororok, Kinamba, Moiben			management will be required ▪ High tillering ability ▪ Semi dwarf; resistant to lodging
Variety name/code	**Official Release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-^{1})**	**Special attributes**
44. R1573	Kenya Impala Impala	2020	KALRO	KALRO-NJORO	Altitude: 1800 -2400 masl AEZ: LH2, LH3, UH2, UH3 Example of Sites: Njoro, Moiben, Lower Narok, Timau, Oljororok)	3-4 (Early)	7.0 – 8.0	▪ White Hard Grain ▪ Good milling and baking qualities ▪ Resistant to yellow rust ▪ Moderate to high resistance to stem rust subject to seasonal disease pressure ▪ Resistant to lodging ▪ Well filled and closed spikes
45. R1575	Kenya Hyrax	2020	KALRO	KALRO-NJORO	Altitude: 1800 -2400 masl AEZ: LH2, LH3, UH2, UH3 Example of Sites: Njoro, Moiben, Narok, Timau, Oljororok)	3-4(Slightly Early-Medium)	6.5 - 7.5	▪ Red Hard Grain ▪ Good milling and baking qualities ▪ Resistant to yellow rust ▪ Moderate to high resistance to stem rust subject to seasonal disease pressure ▪ High tillering ability
46. R1585	Kenya Pweza	2021	KALRO	KALRO NJORO	Altitude: 1800-2400 m.a.s.l AEZ: LH2, LH3, UH2, UH3 Site: Njoro,Moiben,Lower Narok, Kinamba, Oljororok	3-4(Ealy)	6.5-7.5	▪ Red hard grain ▪ Early maturity, Moderate resistance to “Ug99” races of stem rust ▪ High tillering ability ▪ Good milling and baking qualities ▪ Semi dwarf ; tolerant to lodging
47. R1601	Kenya Turaco	2021	KALRO	KALRO Njoro	Altitude: 1800-2400 m.a.s.l AEZ:	3-4 (Medium)	6.0-8.0	▪ White Hard Grain ▪ Medium maturity

					LH2, LH3, UH2, UH3 Sites: Njoro, Mau Narok, Upper Narok, Kinamba, Timaug			▪ Moderate resistance to "Ug99" races of stem rust ▪ High biomass- suitable source of straw for hay ▪ Good milling and baking qualities ▪ Semi-dwarf; tolerant to lodging

20. NATIONAL COMMON BEAN VARIETY LIST

Species: *Phaseolus vulgaris L.*

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield(t ha-1)	Special attributes
1. Mwitemania (GLP 92)	1982	KARI/KSC	KARI/KSC	900-1600	2-3	1.2-1.5	▪ Drought tolerant
2. Rosecoco (GLP 2)	1982	KARI/KSC	KARI/KSC	1500-2000	2-3	1.8 - 2	▪ High yield ▪ Wide adaptation ▪ Attractive seed colour Good taste
3. Mwezi Moja (GLP1004)	1982	KARI/KSC	KARI/KSC	1200-1600	2-3	1.2 - 1.5	▪ Good performance in dry areas ▪ Early maturity ▪ Tolerant to drought and bean fly
4. Canadian Wonder (GLP-24)	1982	KARI/KSC	KARI/KSC	1200-1800	3 - 3.5	1.3 - 1.8	▪ Moderately resistant to angular leaf spot
5. GLP-92 Pinto bean	1982	KARI/KSC	KARI/KSC	100-1500	3 - 3.5	1.2 - 1.7	▪ Wide adaptation ▪ Resistant to halo blight
6. GLP-585 Red haricot	1982	KARI	KARI	1500-2000	2.5 - 3	1 - 1.5	▪ Suitable for high rainfall areas ▪ Resistant to bean common mosaic virus
7. GLP-X 1127 New Mwezi Moja	1982	KARI/KSC	KARI/KSC	1000-1500	2.5 - 3	1 - 1.5	▪ Wide adaptation ▪ Resistant to bean common mosaic virus ▪ Tolerant to rust.

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield(t ha-1)	Special attributes
8. Kat/Bean 2	1987	KARI	KARI-Katumani	1200-1800	2-3	1-1.2	▪ Tolerant to shading
9. Kat X 16	1994	KARI	KARI-Katumani	900-1600	2-3	1.5-1.8	▪ High yielding
10. Kat X56	1995	KARI	KARI-Katumani	900-1800	2.5-3	1.5-1.8	▪ High yielding
11. Kat X 69	1995	KARI	KARI-Katumani	1200-1800	2-3	1.5-1.8	▪ High yielding
12. KK 22 (RWR 719)	1996	KARI	KARI-Kakamega	1500-1800	2.5 - 3	1.8-2	▪ Tolerant to root rot
13. Kat/Bean 1 (Katheka)	1987	KARI	KARI-Katumani	1000-1800	2.5	1.2-1.5	▪ Early maturity
14. KK 8 (SCAM-80/15)	1997	KARI	KARI-Kakamega	1500-1800	2.5 - 3	1.8-2	▪ Tolerant to root rot
15. KK 15 (MLB 49/879)	1997	KARI	KARI-Kakamega	1500-1800	2.5 - 3	1.8-2	▪ Tolerant to root rot
16. Kat-Bean 9	1998	KARI	KARI-Katumani	900-1600	2.5-3	1-1.8	▪ Tolerant to heat
17. Wairimu Dwarf	2008	Kenya Seed Co	Simlaw Seeds	500 - 1700	2.5 - 2.8	1.5 – 1.75	▪ Early ▪ Heat tolerant ▪ Good for maize intercropping ▪ Excellent cooking qualities
18. New Rose Coco	2008	University of Nairobi	University of Nairobi	1100-2000	2.5 - 3	1.3 – 2.3	▪ Upright growth habit ▪ Early ▪ Moderate resistance to rust, common bacterial blight, angular leaf spot, anthracnose, bean common mosaic virus & necrotic virus ▪ Large grains
19. Miezi Mbili	2008	University of Nairobi	University of Nairobi	1000-2000	2.5 - 3	1.2 – 2.26	▪ Large grains ▪ Early ▪ Resistant to floury leaf spot, halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield(t ha-1)	Special attributes
20. Kenya early	2008	University of Nairobi	University of Nairobi	1100-1900	2.5 - 3	1.07 – 2.15	▪ Large grains ▪ Early ▪ Moderately resistant to, halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight
21. Kenya Red Kidney	2008	University of Nairobi	University of Nairobi	1000-2100	2.5 - 3	1.09 – 2.8	▪ Large grains ▪ Moderately resistant to halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight
22. Super Rose Coco	2008	University of Nairobi	University of Nairobi	1000-2100	2.5 - 3	1.14 – 2.8	▪ Medium maturity ▪ Moderately resistant to halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight
23. Kenya Wonder	2008	University of Nairobi	University of Nairobi	1030-2000	3 - 3.5	1.13 – 2.09	▪ Large grains ▪ Moderately resistant to halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight
24. Kenya Sugar Bean	2008	University of Nairobi	University of Nairobi	1000-1900	2.5 - 3	1.08 – 1.81	▪ Early ▪ Large grains, Moderately resistant to halo blight, bean common mosaic virus & common bacterial blight
25. Kabete Super	2008	University of Nairobi	University of Nairobi	1300-2000	3 - 3.5	1.05 – 2.47	▪ Large grains ▪ Resistant to floury leaf spot, halo blight, angular leaf spot,

							anthracnose, bean common mosaic virus & common bacterial blight
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield(t ha-1)**	**Special attributes**
26. Chelalang	2008	Egerton University	Egerton University	1800-2200	2.5 – 3.5	1.2 – 2.2	
27. Tasha	2008	Egerton University	Egerton University	1500-2000	2.5 – 3.5	1.1 – 2.1	
28. Cianku	2008	Egerton University	Egerton University	1500-2150	2.5 – 3.5	1.0 – 1.9	
29. Mbigo	2013	KARI	KARI-Embu	Medium Altitude,(1,200 – 1,600),[AEZs LH3, LM1,UM1, UM2, UH3]	3-4	2.0-2.5	▪ Indeterminate, black large-seeded Canadian Wonder type ▪ Tolerant to anthracnose, leaf rust, and Angular Leaf Spot diseases ▪ High level biological N fixation ▪ Large-seeded marketable seed type
30. KAT-RM01 (KATRAM)	2014	KARI	Kari Katumani	900-1600	2.5	1.5-2.0	▪ Drought tolerant ▪ High yielding ▪ Large red mottled (Most preferred seed type) ▪ Uniform flowering and maturity ▪ Highly resistant bean Rust (Bean Common Mosaic Virus(BCMV) and Bean Common Mosaic and Necrotic Virus (BCMNV) ▪ Moderately resistant to Angular leaf spot, anthracnose, common bacterial blight and web blight
31. EMBEAN14 (MWENDE)	2014	KARI	Kari Embu	1200-2400	3	2.5	▪ Tolerance to most fungal diseases: Angular leaf spot,

							Root rots, Rust, Anthracnose ▪ Marketable seed type (medium seeded sugar bean – Rosecoco type) ▪ High potential to fix nitrogen
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield(t ha-1)**	**Special attributes**
32. MN1(Rosecoco Madini)	2015	University Of Nairobi	University Of Nairobi	Central highlands; western highlands; central and southern Rift Valley region; Coastal; eastern highlands	3	1.15-2.0	▪ Biofortified variety(Iron-up to 147 ppm; zinc upto 38 ppm; also rich in Ca, P and other minerals) ▪ Tolerant to low soil fertility ▪ Good resistance to angular leafspot, root rot, anthracnose, BCMV and other bean diseases
33. MN3 (Kenya Almasi)	2015	University Of Nairobi	University Of Nairobi	Central highlands; western highlands; central and southern Rift Valley region; Coastal; eastern highlands	3	1.13-1.2	▪ Biofortified variety(Iron -73ppm, zinc- 41ppm; also rich in Ca, P and other minerals) ▪ Good resistance to angular leafspot, anthracnose and other bean diseases ▪ Low flatulence
34. MN6 (Kenya Cheupe)	2015	University Of Nairobi	University Of Nairobi	Central highlands; western highlands; central and southern Rift Valley region; Coastal; eastern highlands	3	1.1-2.8	▪ Low flatulence ▪ Biofortified variety(Iron up to 75ppm and zinc-45 ppm; also rich in Ca, P and other minerals) ▪ Good resistance to angular leafspot, anthracnose and other bean diseases
35. MN9 (Kenya Maua)	2015	University Of Nairobi	University Of Nairobi	Central highlands; western highlands; central and	3	1-1.9	▪ Biofortified variety(Iron up to 75ppm and zinc-45 ppm; also rich in Ca, P and other minerals)

				southern Rift Valley region; Coastal; eastern highlands			▪ Good resistance to angular leafspot, anthracnose, BCMV and other bean diseases; large red mottled
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield(t ha-1)**	**Special attributes**
36. KK ROSECOCO-194	2015	KALRO	KALRO-Kakamega	Medium & high altitude; Central and north Rift Valley	2.5	1.8 - 2.0	▪ Resistant to bean root rot ▪ Resistant to angular leaf sport
37. KK RED BEAN-16	2015	KALRO	KALRO-Kakamega	Medium & high altitude; Central and north Rift Valley	2.5	1.8 - 2.0	▪ Resistant to bean root rot ▪ Resistant to angular leaf sport
38. KAD 02 (Nyota)	2017	KALRO	KALRO Katumani	900-1800 MSAL	2-3	1.4-2.2	▪ Drought tolerant ▪ Early maturing ▪ Micronutrient rich bean, high grain iron content (>95 ppm), high zinc grain content (>39ppm) with low phytic acid 1.25mg/g ▪ Cook fast ▪ Good pod clearance
39. KMR 11 (Angaza)	2017	KALRO	KALRO Kandara	1200-1900 MSAL	2-3	1.4-2.5	▪ Micronutrient rich with high grain iron content (>97 ppm) ▪ High zinc grain content (>57ppm) ▪ Has low phytic acid at 1mg/g and high sucrose content at 120mg/kg ▪ Cooks fast and has high water absorption capacity when soaked
40. KMR 12 (Metameta)	2017	KALRO	KALRO Katumani	1200-1900 MSAL	2-3	1.4-2.3	▪ High grain Zinc content (>32ppm) ▪ Moderate grain iron content (>67ppm), Potassium 2,486ppm

							and low phytic acid at 1.5mg/g ▪ Cooks fast and high water absorption ▪ Tolerance to Angular leaf spot (ALS), Common bacterial blight (CBB) and resistance to bean common mosaic virus (BCMV) and other bean diseases
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield(t ha-1)**	**Special attributes**
41. KMR13 (Faida)	2017	KALRO	KALRO Kandara	1300-2000 MSAL	2-3	1.4-2.0	▪ High grain Zinc content (>56 ppm) and low phytic acid at 1.75mg/g ▪ High potassium at 2,746ppm and high manganese at 27.51ppm ▪ Tolerance to Angular leaf spot (ALS), Common bacterial blight (CBB) and resistance to bean common mosaic virus (BCMV).
42. KAT-SW-12 (KENYA MALI)	2015	KALRO	KALRO-Katumani	900 – 1700 Masl Central Kenya, Muranga, Kirinyaga, Embu and Meru, in Nyanza Homabay, Kisumu and Siaya	2.5	1.6 – 2.2	▪ Drought tolerant ▪ Small elongated white seeds with excellent canning quality (% water Uptake > 100 and Hydration Coefficient > 1.9) ▪ Early Maturing, Uniform maturity ▪ Highly resistant to bean Rust and Bean Common Mosaic Virus (BCMV) ▪ Moderately tolerant to Anthracnose and Angular leafspot

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield(t ha-1)	Special attributes
43. KAT-SW-13 (TAMUTAMU)	2015	KALRO	KALRO-Katumani	900 – 1700 Masl Central Kenya, Muranga, Kirinyaga, Embu and Meru, in Nyanza Homabay, Kisumu and Siaya	2.5	1.5 – 2.0	▪ Drought tolerant ▪ Early Maturing ▪ Small oval white seeds with excellent canning quality (% water Uptake > 100 and Hydration Coefficient > 2.0) ▪ Uniform maturity ▪ Highly resistant to bean Rust and Bean Common Mosaic Virus (BCMV)
44. KCB 13-02 (Kenya Mamboleo)	2015	University of Nairobi	University of Nairobi	Central and western highlands, Tea Zones, Central and southern Rift Valley;Nyanza; eastern highlands	2-3	2.5	▪ Resistant to root rots, angular leaf spot, common bacterial blight and moderately resistant to anthracnose ▪ Fast cooking (42.8 minutes soaked) ▪ High water absorption capacity/swelling (115%) ▪ High hydration coefficient, washed drained weight (69.4%), large grain size, preferred shape, high uniformity of canned product, low splits and clumping and high brine clarity ▪ Good sensory traits of canned product
45. KCB13-09 (Kenya Salama)	2015	University of Nairobi	University of Nairobi	Central and western highlands, Tea Zones, Central and southern Rift Valley;Nyanza; eastern highlands	2-3	2.7	▪ High level of resistance to root rots, angular leaf spot, common bacterial blight and anthracnose ▪ Fast cooking (35 minutes-soaked) ▪ High water absorption capacity (99.2%)

							▪ High hydration (1.92), washed drained weight (66%) ▪ Excellent size and shape for medium white ▪ High uniformity of canned product ▪ Very low incidence of splits and clumping ;high brine clarity ▪ Very good organoleptic characteristics of canned product
46. KCB13-11 (KenStar)	2015	University of Nairobi	University of Nairobi	Central and western highlands, Tea Zones, Central and southern Rift Valley;Nyanza; eastern highlands	2-3	3.1	▪ Resistant to angular leaf spot, root rots, anthracnose and root rots ▪ Fast cooking(35 minutes when soaked) ▪ Very high water uptake (142%) and swelling ▪ High hydration, washed drain weight, good size, shape, low incidence of split, clumping and high brine clarity ▪ Excellent sensory characteristics (color, size, appearance, taste, mouth feel, flavor and wholesomeness)
47. KKRIL05/RED13 (KK-RED BEAN 13)	2017	KALRO (Kakamega)	KALRO Kakamega	Medium to high altitude high rainfall areas.	2-3	1.6	▪ Small seeded red bean type ▪ Resistant to bean root rot
48. KKRIL05/CAL33 (KK-ROSECOCO 33)	2017	KALRO (Kakamega)	KALRO (Kakamega)	Medium to high altitude high rainfall areas.	2-3	1.8	▪ Rose-coco bean type ▪ Resistant to bean root rot
49. KCB13-04 (Kenya Red Kidney)	2018	University of Nairobi	University of Nairobi/Paul Kimani	1300-2100 masl Such as Machakos, Bomet,	2-3	2.7	▪ Resistant to angular leafspot (2); anthracnose (5); rust (3); common bacterial

				Kajiado, Kericho, Trans-Nzoia, Naivasha, Meru, Tharaka Nithi, Nakuru, Nyeri, Murang'a, Nyeri counties Other bean growing areas.			blight (3) and root rots (2) ▪ Fast cooking (34.8 minutes) ▪ Very good water uptake (115%) after soaking ▪ Good yield potential, physical appearance and sensory traits
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield(t ha-1)**	**Special attributes**
50. Kazuri (SIMLAW B9)	2021	Simlaw seed Co.Ltd	Simlaw seed Co.Ltd	Altitude: 1000-1800 m.a.s.l AEZ: UM 1-UM3 Sites: Embu, Kirinyaga, Murang'a, Loitoktok, Taita taveta	2-3	1.8-2.1	▪ Wide adaptability ▪ Medium maturing
51. SAITOTI (Saitoti)	2021	KALRO	KALRO KITALE	Altitude: 1000-1800 m.a.s.l AEZ : Medium to High Sites: Kisii, Bungoma, Uasin Gishu, Elgeyo Marakwet	3	1.5-2.0	▪ Purple flowers ▪ Presence of tendrils ▪ Indeterminate growth habit ▪ Small red mottled round seeds ▪ Pods slightly curved
52. EUB 502 (Tatton Bean)	2021	Egerton University	Egerton University Agroscience Park Seed Unit	Altitude: 1500-1800 m.a.s.l AEZ : Medium to High Sites: Kericho, Bomet, Kisii, Nakuru, Nandi, Kakamega	3-4	1.8-2.0	▪ Low flatulence and acid ▪ High Fe and Zinc ▪ Good for bean flour and bean soup ▪ High yielding ▪ Tolerant to halo blight ▪ Tolerant to rust
53. AGRYB402 (Zebra)	2021	Agrosoy seed company	Agrosoy	Altitude: 1000-1600 m.a.s.l AEZ: Medium to high altitudes	2.5	1.6-1.8	▪ Early maturity ▪ Drought tolerant

				Sites: Nakuru, Narok, Baringo, Bomet, Kisii, Elgeyo Marakwet, Siaya, Nandi, West Pokot, Nyeri, Laikipia			
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield(t ha-1)**	**Special attributes**
54. NUA 45(PURE SEED 1)	2023	Pure Seeds EA LTD	Maintainer:Pure Seeds EA LTD Source:CIAT	Attitude:1000-1600 m.a.s.l AEZ:UM, LM, L Sites: Embu, Kitui, Katumani, Kakamega and Busia etc	2-3	1-1.5	▪ High levels of iron and zinc ▪ Resistsnt to Angular leaf spot rust,Anthracnose and tolerant to common bacterial blight
55. Waithera(KSR13)	2024	KALRO	KALRO Katumani	Attitude:1350-1800 m.a.s.l AEZ:LM-5-6 Sites: Embu, Kitui, Katumani, Kampi ya Mawe and Thika	2-3	1.4-2.8	▪ Medium micronutrient rich bean(Iron levels is 69.5 ppm and zinc levels is 27.65 ppm) ▪ Drought tolerant

21. NATIONAL FRENCH BEAN VARIETY LIST

Species: ***Phaseolus vulgaris L.***

Variety name/code	Release Name	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. Kutuless (J12)	Kutuless (J12)	2000	KARI	KARI-Thika	1000-1800	1.5 - 2	5 – 7.5 t/ha	▪ Resistant to rust ▪ Good snupapability ▪ Extra fine green pods
2. VENDA	VENDA	2014	Pop Vriend Research Seeds BV	Pop Vriend Research Seeds BV	Kirinyaga, Muranga, Loitokitok, Trans-Mara, Mulot	2-3	9-11 t/ha	▪ Rust & Halo Blight resistance ▪ Good shelf life ▪ High yield ▪ Uniform pods, Fine Beans
3. TANA	TANA	2014	Pop Vriend Research Seeds BV	Pop Vriend Research Seeds BV	Kirinyaga, Muranga, Loitokitok, Trans-Mara, Mulot	2-3	10-12 t/ha	▪ Halo Blight and Anthracnose Tolerance ▪ Good shelf life ▪ High yield ▪ Uniform pods ▪ Strong vegetative plant ▪ Fine Beans
4. KSB 13-02	Kenya Amboseli	2018	University of Nairobi	University of Nairobi/Paul Kimani	1200-2000 masl Such as Machakos, Kajiado, Naivasha, Meru, Tharaka Nithi, Nakuru, Nyeri, Murang'a, Nyeri counties	2 to first harvest;	9.9	▪ Resistant to angular leafspot (3); anthracnose (2); rust (3); common bacterial blight (3) and root rots (1) ▪ Average 58% extra fine; 36 % fine beans ▪ Upto 18 pickings possible
5. KSB13-04	Kenya Safari	2018	University of Nairobi	University of Nairobi/Paul Kimani	1400-1900 masl Such as Machakos, Kajiado, Kericho, Trans-Nzoia,	2 to first harvest (shorter duration in warm areas; longer duration	6.3	▪ Resistant to angular leafspot (3); anthracnose (2); rust (3); common bacterial blight (2) and root rots (2) ▪ Average 40% extra fine; 41 % fine pods

					Naivasha, Meru, Tharaka Nithi, Nakuru, Nyeri, Murang'a, Nyeri counties	in cooler areas		▪ Up to 15 pickings
Variety name/code	**Release Name**	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
6. STAR 2054	STAR 2054	2021	STARKE AYRES	STARKE AYRES	Altitude: 1200-2000 m.a.s.l	2	10-25	▪ Resilient, Vertical upright plants with excellent canopy cover ▪ Exceptional yield potential in extra fine beans category at 70% & fine beans at 30% ▪ Have high quality straight dark green pods ▪ Excellent processing variety ▪ Has high resistance to Rust and BCMV ▪ Has Intermediate resistance to, Halo blight and Anthracnose ▪ Has very slow seed development ▪ Has Excellent gel retention

22. NATIONAL CLIMBING BEAN VARIETY LISTS

Species: ***Phaseolus vulgaris L.***

Variety name/code	Official variety release name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. Flora	Flora	1996	KARI	KARI-kakamega	1500-2200	4-5	2-2.5	▪ Light pink pods
2. Mvunikingi	Mvunikingi	1996	KARI	KARI-Kakamega	1500-2200	4-5	2-2.5	▪ Red pod
3. Umubano	Umubano	1996	KARI	KARI-Kakamega	1500-2200	4-5	2-2.5	▪ Dark red pods
4. MAC 13	MAC 13 (Kenya Safi)	2012	KARI and University of Nairobi	KARI and University of Nairobi	1400-2000	3-4	1.2-1.5	▪ Sugar grain type (cream white background with red flecks) ▪ Large seeded ▪ Resistant to anthracnose
5. MAC 34	MAC 34 (Kenya Tamu)	2012	KARI and University of Nairobi	KARI and University of Nairobi	1400-2000	3.0-4.5	2-2.5	▪ Red mottled, large wedge shaped seeds ▪ Resistant to angular leafspot and common bacterial blight
6. MAC 64	MAC 64 (Kenya Mavuno)	2012	KARI and University of Nairobi	KARI and University of Nairobi	1400-2000	3.0-5.0	2-3	▪ Dark red mottled, medium seeded ▪ Resistant to anthracnose and common bacterial blight
7. MN14	Kenya Madini	2010	UNIVERSITY OF NAIROBI	UNIVERSITY OF NAIROBI	1500-1900	3-4	2.15-2.5	▪ High grain iron and zinc concentration ▪ Medium sized, yellow grain
8. MN 17	Kenya Majano	2010	UNIVERSITY OF NAIROBI	UNIVERSITY OF NAIROBI	1500-1900	3-4	2.2-3	▪ High grain iron and zinc concentration

								▪ Medium sized , yellow seeds
Variety name/code	**Official variety release name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
9. MN 19	Kenya Afya	2010	UNIVERSITY OF NAIROBI	UNIVERSITY OF NAIROBI	1500-1900	3-4	2.23-3.2	▪ High grain iron and zinc concentration; medium seeded; brownish yellow seeds

23. NATIONAL PIGEON PEA VARIETY LIST

Species: ***Cajanus Cajan L. Millsp***

Variety name/code	**Official Release Name**	**Year of release in Kenya**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
1. Kat 777	Kat 777	1981	KARI	KARI-Katumani	600-1500	5-6	1.5-2.2t/ha	▪ Tolerant to fusarium wilt
2. Kat81/3/3	Kat81/3/3	1981	KARI	KARI-Katumani	900-1800	5.5 - 6	2.0-2.5	▪ Tolerant to fusarium wilt
3. ICEAP 00040	ICEAP00040	1995	KARI	ND	900-1800	4-6	2.0-2.5	▪ Tolerant to insect pest, wilt.
4. (Kat/ Mbaazi 2)	(Kat/Mbaazi 2)							▪ medium maturity
5. Mbaazi - 1	Mbaazi - 1	1998	KARI	KARI-Katumani	600-900	3-4	1.8-2.2	▪ Short duration,(single season)
6. Katumani 60/8	Katumani 60/8	1998	KARI	KARI-Katumani	10-1800	4-5	2.0-2.5	▪ Short duration, Ratoons well
7. Kat/Mbaazi 3	Kat/Mbaazi 3	ND	KARI	KARI-Katumani	10- 1500	3-3.5	1.5-2.0	▪ Extra early, Short duration
8. ICEA P00068	ICEA P00068	ND	KARI	KARI-Katumani	10 – 1500	4-6	2-2.5	▪ Medium maturity

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
9. ICEAP 00850	Peacock	2011	LELDET	LELDET	800-1500M	4	1.5	▪ Short duration ▪ Drought tolerant, Good market value
10. ICEAP 00936	Karai	2011	LELDET	LELDET	1000-1800M	6	2	▪ Firewood ▪ Ratoons ▪ Drought tolerant ▪ Nitrogen fixing, Soil improving ▪ Cattle fodder
11. EUMDPV00104	Egerton Mbaazi M 1	2012	Egerton University	Egerton University	Recommended for low to medium-dry altitude zones (800-1500 m.a.s.l) of Marigat, Machakos, Kerio valley, Kambi ya Mawe, Coastal areas, Mbeere, Kitui, Mwea, Kisumu	4-5	1.4-2.8 tons/ha	▪ Drought tolerant ▪ Tolerant to Fusarium wilt ▪ Tolerant to pest ▪ Tough seeded ▪ Cream color of grain
12. PP08006	KALCc-OP1- 04	2018	Kenya Agricultural and Livestock Research Organization (KARLO)	KALRO-Katumani	Makueni, Kitui, Mwingi, Mbeere, Tharaka, Meru Machakos	4-5	1.5 - 3.2	▪ Large pod size ▪ Large grain size ▪ Fusarium wilt tolerant

Variety name/code	Official Release Name	Year of release in Kenya	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
13. PP08008	KALCc-OP1- 05	2018	Kenya Agricultural and Livestock Research Organization (KARLO)	KALRO-Katumani	Makueni, Kitui, Mwingi,Mbeere,Tharaka, Meru,Machakos	4-5	1.2 – 3.0	▪ Large pod size ▪ Large grain size ▪ Fusarium wilt tolerant
14. EUMDB3	Egerton Mbaazi 3	2019	Egerton University	Egerton University	Altitude: 800-1600 masl Examples: Baringo and Kerio valley	4-5	1.5-2	▪ Medium seed size ▪ Adaptable to sandy clay soil and loamy soil ▪ Medium maturing ▪ Good ratoonability
15. EUMDB4	Egerton Mbaazi 4	2019	Egerton University	Egerton University	Altitude: 800-1600 masl Examples: Baringo and Kerio valley	4-5	1.5-2	▪ Medium seed size ▪ Adaptable to sandy clay soil and loamy soil ▪ Medium maturing ▪ Good ratoonability

24. NATIONAL COWPEA VARIETY LIST

Species: *Vigna Ungulculata L. Walps*

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. HB 48/10E	1987	KARI	KARI-Katumani	0-1200	2 – 2.5	1.2-1.4	▪ Tolerant to viral diseases
2. 27-1	1989	KARI	KARI-Katumani	600-1200	2.5 - 3	1.5-1.8	▪ Dual purpose
3. ICV11	1992	ICIPE	ND	1-1500	2.5	2.2	▪ Pest tolerant
4. MTW 63	1998	IITA	KARI	1-1000	2	2.5	▪ Pest tolerant
5. MTW 610	1998	IITA	KARI	1-1000	2	2.5	▪ Large seeds
6. Machakos 66 (M66)	1998	KARI	KARI-Katumani	1200-1500	2.5-3	1.5-1.8	▪ Dual purpose, Deep green mid ribs
7. K 80	2000	KARI	KARI – Katumani	1200-1800	2.5-3	1.8-2.0	▪ Dual purpose, Tolerant to thrips, Silvery mid ribs
8. KVU – 419 (Kunde 419)	2000	KARI	KARI-Katumani	0-1200	2 – 2.5	1.2-1.5	▪ Drought tolerant, Extra early
9. KCP 022	2000	KARI	KARI-Katumani	0-1200	2 – 2.5	1.2-1.5	▪ Super early
10. Kunde 1	ND	Western Seed Co.	Western Seed Co.	Below 2000	2.5 - 3	1.2-2.5	▪ Dual purpose
11. KUNDE MBOGA	2014	Simlaw Seeds Company	Simlaw Seeds Company	Low and Mid altitude	4-5	Seed yield: 1.6–2.2 t/ha, Leaf yield: 12-15t/ha	▪ A vegetable cowpea-High leaf yield with long harvesting period ▪ Drought resistant ▪ Leaf cooks well and good vegetable palatability
12. SIMLAW KUNDE	2014	Simlaw Seeds Company	Simlaw Seeds Company	Low and Mid altitude	2-3	Seed yield, 1.8 - 2.6 t/h	▪ A grain cowpea with bigger grain size ▪ Drought resistant ▪ High grain yield
13. 1002/1005/3	2017	KALRO	KALRO Katumani	Low - High altitudes ranging from	2-3	1.5 - 2.13	▪ Large size grain ▪ Early maturing

(Kunde Faulu)				5 – 2000 meters above sea level (Coastal , Eastern, Central and Western)			▪ Alectra vogelii tolerant ▪ Dual purpose
Variety name/code	**Year of release**	**Owner(s)**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
14. 1005/1002/1 (Kunde Tamu)	2017	KALRO	KALRO Katumani	Low - High altitudes ranging from 5 – 2000 meters above sea level	2-3	1.5 - 2.0	▪ Early maturing ▪ Alectra vogelii tolerant ▪ Tender and sweet leaves when cooked ▪ Dual purpose
15. 1005/1003/3 (KAT Kunde)	2017	KALRO	KALRO Katumani	Low - High altitudes ranging from 5 – 2000 meters above sea level	2-3	1.4 - 2.0	▪ Alectra vogelii tolerant ▪ Dual purpose
16. 1005/1002/1/1/1 (Kunde Soko)	2017	KALRO	KALRO Katumani	(Coastal , Eastern, Central and Western)	2-3	1.4 - 1.9	▪ Large size grain ▪ Alectra vogelii tolerant ▪ Dual purpose
17. 1005/1004/3 (Kunde Tumaini	2019	KALRO	KALRO-KATUMANI	Altitude:600-1500 masl AEZ:LM 4-5,LM 3-4 Examples:Katumani, Kambi mawe,Kitui,kiboko and embu	2-3	1.5-2	▪ Drought tolerant ▪ Tolerant to A.vogelli parasitic weed ▪ Dual purpose(grain and vegetable) ▪ White grain with brown eyes

25. NATIONAL DOLICHOS BEAN VARIETY LIST

Species: *Dolichos pupureum*.

Variety name/code	Official release name	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. KAT/DL-1	KAT/DL-1	1978	KARI	KARI-Katumani	10-2000	3 – 3.5	3.0-4.0	▪ Determinate, Black seeds
2. KAT/DL-2	KAT/DL-2	1987	KARI	KARI-Katumani	10-2000	3.5 - 4	2,5-3.3	▪ Determinate Cream seeds
3. KAT/DL-3	KAT/DL-3	1995	KARI	KARI-Kari	10-2000	3.5 – 4.0	2.8-3.0	▪ Indeterminate ▪ Dual purpose
4. W7	ELDO-KT Black 1	2015	University of Eldoret	University of Eldoret	Eastern Kenya, Central Kenya, Central and North Rift and Western region	4.5 – 5	3 – 5	▪ Black seeded ▪ Good clearance ▪ Uniform maturity ▪ Short cooking time
5. M5	ELDO-KT Cream	2015	University of Eldoret	University of Eldoret	Central Rift, Eastern	4 – 4.5	3.5 – 5.5	▪ Good flavor ▪ Short cooking time ▪ Early maturity ▪ Cream seeded
6. B1	ELDO-KT Maridadi	2015	University of Eldoret	University of Eldoret	Central & North Rift, Western region	> 5	2-4	▪ Good flavor ▪ Short cooking time ▪ Late maturity ▪ Stay green ▪ High forage ▪ Spotted seeds
7. G1	ELDO-KT Black 2	2015	University of Eldoret	University of Eldoret	Eastern Kenya, Central Kenya, Central and North Rift and Western region	4 – 4.5	3.5 – 6.5	▪ Black seeded ▪ Medium maturity

26. NATIONAL MUNG BEAN VARIETY LIST

Species: ***Vigna radiata L.***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. Kat. Dengu 22	1998	KARI	KARI-Katumani	10-1600	2.5 - 3	1.0-1.3	▪ Yellow seed ▪ No stoniness
2. Kat. Dengu 26	1998	KARI	KARI-Katumani	10-1600	2.5 - 3	1.3-1.5	▪ Green bold seeds ▪ No stoniness

27. NATIONAL RHODES GRASS VARIETY LIST

Species: ***Chloris Guyana***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. Mbarara Rhodes	1960	KARI/Kenya Seed Co.	Kenya Seed Co.	1000-2500	4-6	19-21	▪ Drought tolerant ▪ Good forage
2. Boma Rhodes	1975	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1000-2500	3-4	7-19	▪ High seed and forage yield ▪ Wide adaptation ▪ Easy to manage
3. Elmba Rhodes	1976	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1000-2500	3-4	7-198	▪ Good seed yield ▪ Good palatability

28. NATIONAL SETARIA GRASS VARIETY LIST

Species: ***Setaria sphacelata***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. Nandi seteria	1956	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1000-2500	2-3	6.6-16.4	▪ Drought tolerant ▪ Good forage ▪ Good persistence (under grazing)
2. Nasiwa setaria	ND	KARI/Kenya Seed Co.	Kenya Seed Co.	1000-2500	2.5-3	6.5-17.4	▪ Good persistence (under grazing) ▪ Drought tolerant ▪ Good forage

29. NATIONAL PANNICUM GRASS VARIETY LIST

Species: ***Pannicum spp***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha^{-1})	Special attributes
1. Coloured Guinea	1955	KARI/Kenya Seed Co.	Kenya Seed Co.	50-2000	1-2	4.8-12.8	▪ Good seed yield

30. NATIONAL SOYA BEANS VARIETY LIST

Species: ***Glycine max***

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (masl)	Duration to maturity (days)	Grain yield (t ha^{-1})	Special attributes
1. Black Hawk	2009	KARI	KARI Njoro	800-1700	5-5.5	1.8	▪ 18% oil content
2. EAI 3600	2009	KARI	KARI Njoro	800-1700	2-3	0.5 – 2.5	▪ 17.8% oil content
3. Gazelle	2009	KARI	KARI Njoro	1200-2400	2-6	0.8 – 2.1	▪ 22% oil content
4. Hill	2009	KARI	KARI Njoro	1200-2000	4-5	1.8	▪ 20.7% oil content
5. Nyala	2009	KARI	KARI Njoro	1200-2400	2-6	0.7-2.5	▪ 17% oil content
6. DPSB 19	2010	KARI / IITA	KARI /Leldet seed company	900 -2400	3-4	0.6 - 1.7	▪ Dual purpose (high biomasshigh yield and free nodulating ▪ High biomass (1.5-3.0t/ha) ▪ Rust resistant ▪ Nodulates with indigenous population of rhizobia in Kenya soils to fix atmospheric nitrogen ▪ Good for making soyabean milk, High pod clearance (13.2 cm), hence easy to harvest using combine harvester, if Necessary ▪ High pod load (28 pods per plant) ▪ Attractive creamy seed coat ▪ Good for intercropping ▪ Medium seed size
7. DPSB 8	2010	KARI / IITA	KARI /Leldet seed company	900 -2400	4-5	0.5 - 2.6	▪ Dual purpose (high biomass, high yield and free nodulating) ▪ High biomass (2.5-3.0 t/ha) ▪ Nodulates with indigenous population of rhizobia in Kenya soils to fix atmospheric nitrogen ▪ Good for making soyabean milk ▪ High pod clearance (9.1 cm) hence easy to Harvest using combine harvester, if necessary ▪ High pod load 33 pods per plant ▪ Attractive creamy seed coat ▪ Good for monocropping ▪ Large seed size

Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (masl)	Duration to maturity (days)	Grain yield (t ha^{-1})	Special attributes
8. Kensoy009	2013	KARI	KARI-Njoro	Cool-Warm weather: LH2, UM1, UM4, LM3	4-5	1.5-3.0	▪ Tolerant to shattering ▪ High seed yield ▪ High oil content
9. SC SAGA	2014	Agri Seed Co Ltd	Agri Seed Co Ltd	1000-1800 (Lowland to medium)	3-4	2.5-4.5	▪ High pod clearance ▪ Adaptable to different environments ▪ High resistance to leaf rust and frog eye diseases ▪ Moderate resistance to brown spots, 37-40% protein content on dry matter basis, 20-22% fat / oil content on dry matter basis
10. SC 810/6/26 SC (SALAMA)	2014	Agri Seed Co Ltd	Agri Seed Co Ltd	1000-1500 (Lowland to medium)	3-4	2.0-4.0	▪ Good standability ▪ High resistance to leaf rust ▪ Fat / Oil content of approximately 20%. (Percent weight in dry basis) ▪ Protein content of approximately 40%. (Percent weight on dry matter basis)
11. KALROSOY 1	2021	KALRO	KALRO - NJORO	1000-1500 (Lowland to medium) Altitude:1300 -2200 m.a.s.I AEZ: UM 1, UM3, UM 4, LH2, LH3 LH4, LM3, LM1 Sites: Kakamega	32- 5.5	2.0 — 2.4	▪ Protein content (35-37%) ▪ High oil content (20-24%)
12. KALROSOY2	2021	KALRO	KALRO - NJORO	Altitude: 900-2200 m.a.s.l, AEZ: UM3, UM 4, LH2, LH3 LH4, LM3, LM I Sites: Kakamega, Kitale, Embu, Nakuru, Bahati, Homa Bay	33 — 5.6	2.0 — 3.0	▪ Clear hilum, glossy grain ▪ Protein Content (33-40%) ▪ High oil content (20 -26%)

31. NATIONAL CHICKPEA VARIETY LIST

Species: ***Cicer arietinum***

Variety name/ variety code	Official release name	Year of release in kenya	Owner(s) / licensee	Maintainer and seed source	Optimal production altitude (masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. LDT 065	LDT 065	2010	Leldet Ltd	Leldet / ICRISAT	500 – 2000m, Mulot, Bomet, Timau Nakuru, Nzaui Shimba	3-4	1.5-2 tons	▪ Kabuli and resistant to Fusarium wilt, Medium white grain.
2. LDT 0068	LDT 0068	2010	Leldet Ltd	Leldet / ICRISAT	500 – 2000m, Mulot, Rongai Marigat Magotio, Nzaui, Shimba Timau	3	2 – 2.25 tons	▪ Desi and resistant to Fusarium wilt ▪ Small brown grain
3. ICCV-97105	EU-CHANIA DESI 1	2012	Egerton University	Egerton University	i)600-1200 masl Low to medium dry land areas- – Baringo, Kerio valley, Kisumu, Homabay, Kisumu, Ahero, Machakos, Mwea, Karaba, Kitui. Planted during main rains Oct-Feb or March- ii) 1500-2500 masl- Dry highlands:- Major areas-Bomet, Nakuru, Koibatek, Uasin Gishu, Trans Nzoia, Narok, Timau, Naivasha; Planted as relay-crop after harvesting wheat/maize/finger millet during short rains (July-Oct or Oct-Feb) in major areas	2.5-3, (7-12 bags/ acre)	1.2-3.2	▪ Drought tolerant ▪ High yielding ▪ Early maturing 75-100 days after planting (Flowering 45-60 days) ▪ Erect and high canopy clearance (20-30cm) ▪ Suitable for combine harvesting ▪ Tough seed coat, resistant to storage pests ▪ Fixes Nitrogen 20-40kg/ha, biomass ▪ Breaks disease cycles mainly rusts in wheat and fusarium wilt in Passion fruits ▪ Brown seeded suitable for making Githeri, dhal

Variety name/ variety code	Official release name	Year of release in kenya	Owner(s) / licensee	Maintainer and seed source	Optimal production altitude (masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
4. ICCV95423	SAINA-K1	2012	KARI	KARI Katumani	(i)600-1200 masl-Low to medium dry land areas- – Baringo, Kerio valley, Kisumu, Homabay, Kisumu, Ahero, Machakos, Yatta, Mwea, Karaba, Kitui. Planted during main rains Oct-Feb or March-August ii) 1500-2500 masl-Dry highlands-Major areas-Bomet, Nakuru, Koibatek, Uasin Gishu, Trans Nzoia, Narok, Timau, Naivasha. Planted as relay-crop after harvesting wheat/maize/finger millet during short rains (July-Oct or Oct-Feb) in major areas	2.5-4	1-3.2	▪ Large seeded - Kabuli type, grows with residue soil moisture and in black cotton soils ▪ Drought tolerant ▪ High yielding ▪ Early maturing ▪ Fixes Nitrogen ▪ 20-40kg/ha, biomass ▪ breaks disease cycles mainly rusts ▪ White seeded suitable for fresh salads ▪ Green pods
5. EUDCV001	Chania Desi 2	2013	Egerton University	Egerton University	low to medium dry areas (800-1200 masl) during normal rains in Koibatek, Baringo, Kerio valley, Naivasha, Ahero, Mwea, Karaba, Gategi, and in dry highlands (1500-2500 masl) of Nakuru, Uasin Gishu, Bomet, Timau Narok during short rains as rotation/relay	2.5-3	1.2-3.2 t/ha	▪ Drought tolerant ▪ Heat tolerant ▪ Erect and high canopy clearance suitable for combine harvesting ▪ Tolerant to Fusarium wilt, dry rot &collar rot ▪ Tough seed coat resistant to storage pests ▪ Brown seeded suitable for

					legume after harvesting wheat/ maize /finger millet			making Githeri, dhal ▪ Good for canning
Variety name/ variety code	**Official release name**	**Year of release in kenya**	**Owner(s) / licensee**	**Maintainer and seed source**	**Optimal production altitude (masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
6. EUDC V00102	Chania Desi 3	2013	Egerton University	Egerton University	low to medium dry areas (800-1200 masl) during normal rains in Koibatek, Baringo, Kerio valley, Naivasha, Ahero, Mwea, Karaba, Gategi, and in dry highlands (1500-2500 masl) of Nakuru, Uasin Gishu, Bomet, Timau and Narok during short rains as rotation/relay legume after harvesting wheat/ maize /finger millet	2.5-3	1.2-2.8	▪ Drought tolerant ▪ Tolerant to Fusarium wilt, dry rot and collar rot ▪ Tough seed coat, resistant to storage pests ▪ Brown seeded suitable for making Githeri &dhal(stew), Good for canning
7. SCP 2	Mwea 1	2017	Simlaw Seed Co Ltd	Simlaw Seed Co Ltd	Mwea loitoktok, Yatta, coast region	3	2.5-4.0	▪ Resistant to fusarium wilt
8. SPC 3	Ahero 1	2017	Simlaw Seed Co Ltd	Simlaw Seed Co Ltd	Nyanza, Bungoma, Kakamega, Kitale	3	1.1-3.7	▪ Resistant to fusarium wilt
9. SPC 4	Haraka	2017	Simlaw Seed Co Ltd	Simlaw Seed Co Ltd	Mwea, Loitoktok, Yatta, marigat and coast region	3	1.3-3.3	▪ Takes shorter time to cook

32. NATIONAL KALE VARIETY LIST

Species: ***Brassica oleracea***

Variety Code / Name	Official Variety Name	Year of Release in kenya	Owner (s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Time to 50% flowering at 2551 m a s l (months)	Leaf Yield (t ha-1)	Special attributes
1. CABI 1	Kinale	2010	KARI/CABI /LAGROTECH	KARI Seed Unit	1100 - 2600	1 from transplanting	5.6	90.2 - 245.5	▪ Wide adaptability
2. CABI 4	Tosha	2010	KARI/CABI /LAGROTECH	KARI Seed Unit	1100 - 2600	1 from transplanting	6.5	119.8 -218	▪ Wide adaptability

33. NATIONAL GROUNDNUT VARIETY LIST

Species: ***Arachis hypogea L.***

Variety name/code	Official Variety Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield(t/ha)	Special attributes
1. LTD12991	Dove	2011	LELDET	LELDET	1000-1600	3-4	2.5	▪ Tolerant to rosette and leaf spot ▪ Small tan seed, Spanish var
2. LTD90704	Kanga	2011	LELDET	LELDET	1000-1600	4	2.8-3	▪ Tolerant to rosette and drought ▪ Large tan seed with ave 42% oil content, Virginia var.
3. LTD93437	Lihanga	2011	LELDET	LELDET	1000-1600	4	2.5	▪ Tolerant to rosette ▪ Suitable for confectionery
4. LTD99568	Gathuku	2011	LELDET	LELDET	1000-1600	3-4	2.5 -3	▪ Tolerant to rosette ▪ Medium size suitable for confectionery
5. EUGN-1	Egerton GN-1(L)	2019	Egerton University	Egerton University	Altitude:500-1500 masl, Examples: Baringo and Kerio valley	4-5	1.5-2	▪ Large seeded ▪ The seed is brownish white in color ▪ Adaptable to sandy clay soil and loamy soil ▪ Early maturing ▪ Preferable for oil extraction
6. EUGN-2	Egerton GN-2(R)	2019	Egerton University	Egerton University	Altitude:500-1500 masl, Examples: Baringo and Kerio valley	4-5	1.5-2	▪ Medium seeded ▪ The seed is red in color ▪ Adaptable to sandy clay soil and loamy soil ▪ Preferable for oil extraction

34. NATIONAL SIMSIM VARIETY LIST

Species: ***Sesamum indicum***

Variety name/code	Official Variety Release Name	Year of release	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (days)	Grain yield (t ha-1)	Special attributes
1. KSS-6	KS-S6	2013	Kenya Seed Co.	Kenya Seed Co.	200-1000 .m.a.s.l, Central anLake Victoria region. Bungoma	2.5	1.5-2.0	▪ Highly aromatic – white in colour ▪ High poding ability ▪ Shoofly tolerance ▪ Tolerance to rust

35. NATIONAL OIL SEED RAPE VARIETY LIST

Species: ***Brassica Napus***

Variety name/code	Official Variety Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
1. BELINDA (RG415/13/)	BELINDA	2015	Bayer CropScience, Germany	Bayer East Africa	Timau, Nakuru, Mau Narok, Eldoret, Kitale	3-4	4.2	▪ Plant height – Short, Good resistance to lodging ▪ Good-very good resistance to blackleg ▪ High oil content, Very low glucosinolate content ▪ Erucic acid is absent
2. Hyola 50	Hyola 50	2019	Pacific Seeds	Advanta Seed International	Altitude: 1800 – 2600 masl, Examples:Timau, Nakuru, Mau Narok, Njoro, Kitale, Eldoret	Medium 4-5	3.5 – 4.5	▪ Conventional medium maturity hybrid ▪ High oil content ▪ High blackleg resistance ▪ Excellent plant vigour ▪ High lodging resistance ▪ Even flowering and windrowing maturity
3. HYOLA 350TT	HYOLA 350TT	2021	Advanta Seed International	Advanta Seed Internationla	Altitude: 1500-2600 m.a.s.l AEZ: UH 2-3, LH 2-4 Sites: Timau, Nakuru, Mau Narok, Kitale, Molo, Bahati, Eldoret	Early (3-4)	2.0- 2.5	▪ Early maturing triazine herbicide tolerant (TT) hybrid for lower rainfall areas ▪ Shorter uniform plant height ideal for mechanical harvesting ▪ Excellent blackleg resistance ▪ Excellent early vigour providing up to 50% higher weed suppression ▪ High oil content (35%-42%) ▪ Resistant to lodging ▪ Tolerant to pod shattering

Variety name/code	Official Variety Release Name	Year of release in Kenya	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha-1)	Special attributes
4. KWS Jazz	KWS Jazz	2023	Agventure Ltd	SOURCE: KWS SAAT SE &Co.KGaA Germany	Altitude: 1800-2600 m.a.s.l AEZ: UH 2-3, LH 2-4 Sites: Timau, Nakuru, Mau Narok, Kitale, Molo, Bahati, Eldoret,Nyahururu,Nyeri ,Kitale	Medium(3-4)	1.5-3.0	▪ Excellent early vigor providing upto 60% weed suppression ▪ High oil content (45%-48%) ▪ resistant to lodging ▪ Conventional medium ▪ Resistance to blackleg ▪ Low erucic acid percentage of below 2%
5. Lumen	Lumen	2024	Deustche Saatveredulung AG(DSV)	Agventure Limited	Altitude: 1800-2600 m.a.s.l AEZ: UH 2-3, LH 2-4 Sites: Timau, Nakuru(Bahati,Molo,KABARAK,Mau Summit, Njoro), Eldoret(Moiben, Chepkoilel), Kitale, Mau Narok, Njoro, Nyahururu,Nyeri	4-5	2- 4.5	▪ Tall, late maturing hybrid variety ▪ Excellent early vigor providing up to 60% weed suppression ▪ High oil content (43.5% - 47.6%) ▪ Low erucic acid percentage (<2%)
6. Click CL	Click CL	2024	Deustche Saatveredulung AG(DSV)	Agventure Limited	Altitude: 1800-2600 m.a.s.l AEZ: UH 2-3, LH 2-4 Sites: Timau, Nakuru(Bahati,Molo,KABARAK,Mau Summit, Njoro), Eldoret(Moiben,	4-5	2- 4.5	▪ Tall, late maturing hybrid variety ▪ Excellent early vigor providing up to 60% weed suppression ▪ High oil content (43% - 47.4%) ▪ Low erucic acid percentage (<1%) ▪ Clearfied herbicide tolerance

					Chepkoilel), Kitale, Mau Narok, Njoro, Nyahururu,Nyeri			
Variety name/code	**Official Variety Release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
7. Hyola Blazer TT	T68634	2024	Advanta Seeds	ASI Seeds Enterprises(K) LTD	Altitude: 1800-2600 m.a.s.l AEZ: UH 1-2, LH 1-4 Sites: Timau, Nakuru, Eldoret, Kitale, Mau Narok, Njoro, Bahati, Molo	3-4	1.5- 2.5	▪ Straight atrazine herbicide tolerant hybrid with straight active ingridient(AI) ▪ Shorter uniform plant height ideal for mechanical harversting ▪ Excellent blackleg triple gene resistance ▪ Excellent early Vigour providing up to 50% higher weed suppression ▪ High oil content (35%-42%) ▪ Resistant to lodging
8. Hyola 117CC	CC91117	2024	Advanta Seeds	ASI Seeds Enterprises(K) LTD	Altitude: 1800-2600 m.a.s.l AEZ: UH 1-2, LH 1-4 Sites: Timau, Nakuru, Eldoret, Kitale, Mau Narok, Njoro, Bahati, Molo	3-4	1.0 -2.0	▪ Shorter uniform plant height ideal for mechanical harversting ▪ Excellent blackleg triple gene resistance ▪ Excellent early Vigour providing up to 50% higher weed suppression ▪ High oil content (30%-40%) ▪ Resistant to lodging
9. Hyola 140 CC	CC90014	2024	Advanta Seeds	ASI Seeds Enterprises(K) LTD	Altitude: 1800-2600 m.a.s.l AEZ: UH 1-2, LH 1-4 Sites: Timau, Nakuru, Eldoret, Kitale, Mau	3-4	1.75- 3.0	▪ Shorter uniform plant height ideal for mechanical harversting ▪ Excellent blackleg triple gene resistance ▪ Excellent early Vigour providing up to 50%

					Narok, Njoro, Bahati, Molo			higher weed suppression ▪ High oil content (35%-40%) ▪ Resistant to lodging
Variety name/code	**Official Variety Release Name**	**Year of release in Kenya**	**Owner(s) / Licensee**	**Maintainer and seed source**	**Optimal production altitude range (Masl)**	**Duration to maturity (months)**	**Grain yield (t ha-1)**	**Special attributes**
10. Hyola 130 CC	CC90013	2024	Advanta Seeds	ASI Seeds Enterprises(K) LTD	Altitude: 1800-2600 m.a.s.l AEZ: UH 1-2, LH 1-4 Sites: Timau, Nakuru, Eldoret, Kitale, Mau Narok, Njoro, Bahati, Molo	3-4	1.5 -2.0	▪ Shorter uniform plant height ideal for mechanical harversting Excellent blackleg triple gene resistance Excellent early Vigour providing up to 50% higher weed suppression High oil content(32%-38%) Resistant to lodging

36. NATIONAL LUCERNE VARIETY LIST

Species: ***Medicago sativa***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield (t/ha)	Special attributes
1. WL625HQ	WL625HQ	2015	KALRO	KALRO MUGUGA	Wet to dry midland highland. Altitude 1800-2400 msl.	3-4 cuts per year	9-10	▪ Good resistance to both blight and rust diseases
2. WL414	WL414	2015	KALRO	KALRO MUGUGA	Wet Midland Altitude - 1800-2100m ASL.	3-4 cuts per year	9-10	▪ Good resistance to both blight and rust diseases
3. KKS9595	KKS9595	2015	KALRO	KALRO MUGUGA	Mid moist to Wet highland. Altitude 1800-2400 m ASL.	3-4 cuts per year	9-10	▪ Good resistance to blight and moderate resistance to rust
4. SA Standard	SA Standard	2015	KALRO	KALRO MUGUGA	Mid moist to dry highland. Altitude 2000-2400msl.	3-4 cuts per year	9-10	▪ Good resistance to rust
5. KKS3864	KKS3864	2015	KALRO	KALRO MUGUGA	Dry Midland. 1600-2000msl.	3-4 cuts per year	9-10	▪ Good resistance to blight and moderate resistance to rust

37. NATIONAL NIGHT SHADE VARIETY LIST

Species: ***Solanum scabrum***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration(months)	Yield (t/ha)	Special attributes
1. Nightshade-1	Abuku Mnavu-1	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	100-2600M asl Kakamega, Kisii, Nyamira, Vihiga, Kiambu, Nairobi, Meru, Busia, Nakuru	1 Harvest duration: 2	20-40	▪ Green scabrum ▪ Mild taste ▪ Very High anti-oxidant activity
2. Nightshade-2	Abuku Mnavu-2	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	100-2600m asl, Kakamega, Busia Kisii, Nyamira, Vihiga, Kiambu, Nairobi, Meru, Transmara, Nakuru	1 Harvest duration: 2	20-40	▪ Purple scabrum ▪ Very High anti-oxidant activity
3. Nightshade-3	Abuku Mnavu-3	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	100-2600m asl Kakamega, Kisii, Nyamira, Vihiga, Transmara, Bungoma, Busia, Meru, Kwale, Nakuru	1.25, Harvest duration: 1.5	20-30	▪ Villosum species ▪ Bitter taste ▪ Relieve stomach related ailments
4. BG16	KK Bigi	2017	KALRO and University of Eldoret	KALRO (Kakamega)	250-2000m ASL UH, UM, LM, Lowland zone	1.5	5	▪ Long period of leaf harvesting (60 days) ▪ Mild in taste, High mineral content: 1. Ca mg/100 g =140 2. Mg mg/100 g = 43 3. Zn mg/100 g = 0.5

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration(months)	Yield (t/ha)	Special attributes
5. Ex-Hai	KK Ayaro	2017	KALRO and University of Eldoret	KALRO (Kakamega)	250-2000m ASL UH, UM, LM, Lowland zone	1-2	3	▪ Early maturity ▪ Mild in taste ▪ High mineral content: 1. Ca mg/100 g = 126, 2. Mg mg/100 g = 45, 3. Zn mg/100 g = 0.4

38. NATIONAL VINE SPINACH VARIETY LIST

Species: *Basella alba*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration(months)	Yield (t/ha)	Special attributes
1. Vine Spinach-1	Abuku Vine Nderema-1	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	500-2500m asl Kisii, Kakamega, Vihiga, Kiambu, Nairobi, Nyeri Meru .	2 Harvest duration: 3	50-60	▪ Green leafed
2. Vine Spinach-2	Abuku Vine Spinach-2	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	500-2500m asl	2, Kisii, Kakamega, Vihiga, Kiambu, Nairobi, Nyeri,Meru	50	▪ Purple leaved with high anthocyanin contetnt

39. NATIONAL JUTE MALLOW VARIETY LIST

Species: *Corchurus olitorious L.*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield (t/ha)	Special attributes
1. Mrenda-1	Abuku Mrenda-1	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	50-1500m asl Kisumu, Siaya, Busia, Bungoma, machakos, Kakamega, Vihiga, Makueni, Migori, Homa bay	2	20-30	▪ Light green lanceolate leaves ▪ Very high anti-oxidant activity
2. Mrenda-2	Abuku Mrenda-2	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	50-1500m asl Kisumu, Siaya, Busia, Bungoma, machakos, Kakamega, Vihiga, Makueni, Migori, Homa bay	2-3	20-40	▪ Dark green elliptical leaves late flowering ▪ Very high anti-oxidant activity ▪ Good cooking quality

40. NATIONAL SPIDER PLANT VARIETY LIST

Species: *Cleome gynandra*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield (t/ha)	Special attributes
1. Spiderplant-1	Abuku Spiderplant-1	2016	Prof. Abukutsa Mary O.Onyango	Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd	100-2400m asl Kakamega, Kisii, Nyamira, Vihiga, Kiambu, Nairobi, Meru, Bungoma, Murang'a, Nakuru	1.25	20-40	▪ Tall variety ▪ High iron content

41. NATIONAL GARDEN PEA VARIETY LIST

Species: ***Pisum sativum***

Variety Name	Release Name	Year Of Release	Owner(S) Licensee	Maintainer And Source	Areas Of Production	Maturity Duration	Yield (T/Ha)	Special Attributes
1. Blue Moon	Blue Moon	2016	MARIBO DK	Agri_ Odtention France	1200 – 2400 m asl	4	3-4	▪ Good lodging resistance; strong
2. Njabini PI	Moto super	2021	Simlaw seed co. Limited	Simlaw seed co. Limited	Altitude: 1500-2600 m .a.s .1 AEZ: LH-1-3, UM-1-2, Sites: Timau, Rongai, Mau, narok,Ol-jororok, Njabini, Olkalou, Molo and Kitale	2-3	1.8-2.0	▪ Dual purpose both when fresh and dry ▪ Drought tolerant ▪ Requires vertical trailing for optimum production
3. Greenwich	Greenwich	2024	RAGT SEMENCES	Agventure Limited	Altitude: 1600-2600 m .a.s .1 AEZ: LH-1-3, UM-1-2 Sites: Timau,Nakuru(Njoro, Bahati, Kabarak,Molo,Mau Summit), Narumoro, Rumuruti,Eldoret(Moiben, Chepkoilel) Kitale, Mau Narok	3-4	1-4.3	▪ Green Pea with large green grain ▪ Dual purpose(fresh & dry) ▪ Good color retention ▪ Good soakability and rapid cookability
4. KWS Karioka	Karioka	2024	KWS Momont	Agventure Limited	Altitude: 1600-2600 m .a.s .1 AEZ: LH-1-3, UM-1-2 Sites: Timau,Nakuru(Njoro, Bahati, Kabarak,Molo,Mau Summit), Narumoro, Rumuruti,Eldoret(Moiben, Chepkoilel) Kitale, Mau Narok	3-4	1-3.8	▪ Green Pea with Medium green grain ▪ Dual purpose(fresh & dry) ▪ Good color retention

42. NATIONAL UROCHLOA VARIETY LIST

Species: ***Urochloa spp.***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield (t/ha)	Special attributes
1. Cayman	Cayman	2016	Advantage seeds	ACL /Tropical Seeds LLC	Moderately fertile to fertile soils in areas with 500 mm seasonal rains	3.0, 1.5 - 2.5 for regrowth	10.5	▪ An apomictic hybrid Brachiaria grass ▪ High tolerance to drought and high persistence and can maintain over 83% soil cover even four years after establishment ▪ High regrowth capacity; and good tolerance to waterlogging, Highly nutritional quality fodder ▪ Has good qualities for preservation in form of hay
2. Cobra	Cobra	2016	Advantage seeds	ACL /Tropical Seeds LLC	Moderately fertile to fertile soils in areas with 500 mm seasonal rains	3.0, 1.5 - 2.5 for regrowth	9	▪ Apomictic hybrid Brachiaria grass ▪ High tolerance to drought ▪ Fast growing/maturing ▪ Erect growth habit with well-defined tussocks, which is ideal for cut-and-carry systems ▪ It also has good persistence ▪ Has good qualities for preservation in form of hay and silage

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield (t/ha)	Special attributes
3. Mulato II	Mulato II	2016	Advantage seeds	ACL /Tropical Seeds LLC	Moderately fertile to fertile soils in areas with 500 mm seasonal rains	3.0, 1.5 - 2.5 for regrowth	8.7	▪ It is an apomictic hybrid ▪ High tolerance to drought ▪ Good adaptation to acid soils of medium to low fertility ▪ Fast growing/maturing ▪ Highly palatable and high in nutritional quality for livestock ▪ It is easy to handle as a cut and carry for controlled grazing systems and has good qualities for preservation in form of hay
4. Mombasa	Siambaza	2020	Advantage Seeds	Advantage Seeds /Tropical Seeds LLC	Altitude: 30-1500 masl, AEZ: IL 6, LM 5-6,LM 6, Sites:Opapo, Kisumu, Kwale, Voi, Embu, Cherangany	2.5 – 3 (for first harvest) and 1-2 (for subsequent cuts/harvests)	20-30 (Fresh weight)	▪ Good tolerance to acidic soils and also moderate soil salinity ▪ Tolerant to drought and high temperatures ▪ Good shade tolerance ▪ Perennial with high persistence and high regeneration capacity ▪ Suitable for cut-and-carry but also tolerates direct grazing ▪ Makes high quality hay and silage

								▪ High palatability ▪ High digestibility ▪ Crude protein content up to 14% ▪ Tolerant to leaf rust and red spider mites
Variety name	**Release name**	**Year of release**	**Owner(s) licensee**	**Maintainer and source**	**Areas of production**	**Maturity duration**	**Yield (t/ha)**	**Special attributes**
5. Urochloa decumbens cv.	Basilisk	2021	KALRO	KALRO	Altitude: 20-2300 m a s l, AEZ: UH1-3, LH 1-4, UM1-4, LM 1-4, CL 1-4, Sites: Coast, Kitui, Lanet, Nakuru, Meru	Perennial crop, takes 3-4 to establish and if well managed it has a productive life of 10-20 years.		Resistance to spider mites attack, establish well with seed and splits, highly persistence to grazing, Good digestibility, Suitable for haling, Drought and low, temperature tolerant, High protein content (crude protein of 6-8%)
6. Urochloa decumbens cv.Piata	Piata	2021	KALRO	KALRO	Altitude: 20-2000 masl, AEZ: UH1-3, LH 1-4, UM1-4, LM 1-4,CL 1-4, Sites: Coast, Kitui, Lanet, Nakuru, Meru	Perennial crop, takes 3-4 to establish and if well managed it has a productive life of 10-15 years	10-18 t dry matter/ha per year	Tolerant to spider mites attack, Establish well with seeds and splits, Suitable for cut and carry, Good digestibility, Drought tolerant, High protein content (crude protein of 9-10%)
7. Urochloa brizantha cv.Xaraes	Toledo	2021	KALRO	KALRO	Altitude: 20-2300 m asl AEZ: UH1-3, LH 1-4, UM1-4 , LM 1-4,CL 1-4 Sites: Coast, Kitui, Lanet, Nakuru, Meru	Perennial crop, takes 3-4 to establish and if well managed it has a productive life of 10-15 years	10-20 t dry matter/ha per year	Tolerant to spider mites attack, Establish well with seeds and splits, Suitable for cut and carry, Good nutritive quality, Digestible-good, High protein content (crude protein of 7-9%)
8. Urochloa brizant	MG -4	2021	KALRO	KALRO	Altitude: 20-2300 m asl AEZ: UH1-3, LH 1-4,	Perennial crop, takes 3-4 before grazing	7 - 14 t dry matter/ha	Resistance to spider mites attack, establish well with seed and splits,

ha cv MG-4					UM1-4 , LM 1-4,CL 1-4 Sites: Coast, Kitui, Lanet, Nakuru, Meru	and if well managed it has a productive life of 10-20years	per year	Persistence to grazing, High Nutritive Quality Suitable for baling, Drought and low temperature tolerant, High protein content (crude protein of 7-8%)
Variety name	**Release name**	**Year of release**	**Owner(s) licensee**	**Maintainer and source**	**Areas of production**	**Maturity duration**	**Yield (t/ha)**	**Special attributes**
9. Brachiaria Brizantha var. KISII	KS1	2021	KALRO	KALRO LANET	Altitude: 0-2500 m.a.s.l AEZ: LH 2-5, UM 2-5, LM 2-5, CL 2-5 Sites: Nakuru, Baringo, Kericho, Narok, Embu, Isiolo, Marsabit, Kilifi, Kisii, Kakmega, Busia, Kiambu	3- 4	12-20 t dry matter/ha per year	High seed production, Tolerant to drought, High nutritive profile with CP up to 13%, High digestibility, Improves soil fertility, Prevents soil erosion, Wide adaptability, Over 10-15 years of productive life with proper management
10. Brachiaria Brizantha var. BUSIA	BS1	2021	KALRO	KALRO LANET	Altitude: 0-2500 m.a.s.l AEZ: LH 2-5, UM 2-5, LM 2-5, CL 2-5 Sites: Nakuru, Baringo, Kericho, Narok, Embu, Isiolo, Marsabit, Kilifi, Kisii, Kakmega, Busia, Kiambu	3- 4	12-20 t dry matter/ha per year	High seed production, Tolerant to pests and diseases, Tolerant to drought, High nutritive profile with CP up to 13%, High digestibility, Improves soil fertility, Prevents soil erosion, Wide adaptability, Establishes well with over 10-15 years of productive life with proper management

43. NATIONAL PUMPKIN VARIETY LIST

Species: *Cucurbita pepo L.*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield (t/ha)	Special attributes
1. Elgon Cream	Elgon Cream	2016	Simlaw Company	Simlaw Company	100 – 1,800m asl Kitale, Bungoma, Embu, Thika and Machakos	3-5	50 – 75	▪ High % female flowers – 70:30 ▪ Long fruit Shelf life ▪ Smooth texture (Non fibrous) ▪ Sugary in taste
2. KK12	PJDKAK-12	2022	Chuka University	Chuka University	Altitude: 10-2500 m.a.s.l AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi,	4-5	10-15	▪ High total soluble solids
3. KK30	PJDKAK-30	2022	Chuka University	Chuka University	Altitude: 10-2500 m.a.s.l AEZ: Lowlands, High and medium potential,Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi,	4-5	8-20	▪ High total soluble solids ▪ High fruit firmness ▪ High number of seeds
4. KK40	PJDKAK-40	2022	Chuka University	Chuka University	Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi,	4-5	15-20	▪ High number of fruits ▪ High seed weight
5. KK54	PJDKAK-54	2022	Chuka University	Chuka University	Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi,	3-4	7-10	▪ Early maturing

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield (t/ha)	Special attributes
6. KK65	PJDKAK-65	2022	Chuka University	Chuka University	Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi,	4-5	5-15	▪ Long fruits ▪ High number of seeds
7. NY80	PJDNY-80	2022	Chuka University	Chuka University	Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi,	3-4	10-25	▪ Early maturing ▪ High fruit weight
8. NY154	PJDNY-154	2022	Chuka University	Chuka University	Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi,	3-4	8-15	▪ Early maturing ▪ High seed weight

44. NATIONAL ETHIOPIAN KALE VARIETY LIST

Species: *Brassica carinata*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration(months)	Yield(t/ha)	Special attributes
1. Sarate	Nzoia Green	2016	Simlaw Company	Simlaw Company	100 – 2000m asl	1	50 – 60	▪ Late flowering ▪ Large and soft leaves ▪ Unique flavour

45. NATIONAL CORRINDER VARIETY LIST

Species: ***Coriandrum sativum L.***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration(months)	Yield	Special attributes
1. SC Dhania 07	Dhania Simlaw Select	2016	Simlaw Company	Simlaw Company	100 – 2000m asl	1	Leaf: 2 – 4, Grain: 1.2 – 1.5	▪ Unique strong flavor ▪ Late maturing ▪ Large biomass

46. NATIONAL GREEN GRAM VARIETY LIST

Species: ***Vigna radiata***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas for optimal production	Maturity duration(months)	Yield (t/ha)	Special attributes
1. KAT 00301	Ndegu Tosha	2017	KALRO	KALRO Katumani	500-1600 MASL	2-3	1.9-2.3	▪ Non Stony Grain
2. KAT 00309	Ndengu Karembo	2017	KALRO	KALRO Katumani	500-1600 MASL	2-3	1.8-2.1	▪ Non Stony Grain
3. KAT 00308	Ndengu Biashara	2017	KALRO	KALRO Katumani	500-600 MASL	2-3	1.8-2.3	▪ Non Stony Grain

47. NATIONAL PEPPER VARIETY LIST

Species: *Capscicum spp.*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas for optimal production	Maturity duration	Yield(t/ha)	Special attributes
1. MU1	Eldo-Red	2017	University of Eldoret	University of Eldoret	Medium – low altitude (200 - 2000m above sea level), Soil pH (4.5 - 6.0), Temperature range (15-30oC), Rainfall range (250-2000 mm per annum)	2.5	4.5/Ha/Year	▪ Late maturing (75 days), Very hot but low yielding ▪ Tolerant to most pests and diseases under field production system except die-back ▪ Fruits turn from green to red at maturity; easy to pick; ripen for a long period.
2. MU2	Eldo-Yellow	2017	University of Eldoret	University of Eldoret	Medium – low altitude (200 - 2000m above sea level), Soil pH (4.5 - 6.0), Temperature range (15-30oC), Rainfall range (250 - 2000 mm per annum)	2	6.0/Ha/Year	▪ Early maturing (60 days), Not very hot but high yielding ▪ Tolerant to most pests and diseases under field production system ▪ Fruits are short and plump, most ripen at same time ▪ Fruits turn from green to yellow then reddish at maturity

48. NATIONAL AMARANTH VARIETY LIST

Species: *Amaranthus spp.*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas for optimal production	Maturity duration	Yield (t/ha)	Special attributes
1. AM 38	KK Livokoyi	2017	KALRO and University of Eldoret	KALRO (Kakamega)	250-2000 m.a.s.l UH, UM, LM, Lowland zone	1.5	5	▪ Long period of leaf harvesting (30 days) ▪ High mineral content:1.Ca mg/100 g = 158 2.Mg mg/100 g = 92 3.Zn mg/100 g = 0.5
2. Ex-Zim	KK Mrambi	2017	KALRO and University of Eldoret	KALRO (Kakamega)	250-2000 m.a.s.l UH, UM, LM, Lowland zone	1.5	6	▪ Long period of leaf harvesting, (45 days) ▪ High mineral content:1.Ca mg/100 g = 462 2.Mg mg/100 g = 238 3.Zn mg/100 g = 0.4
3. KAM 114	KAT Gold	2018	KALRO Katumani	KALRO Katumani	20 - 2400 m.a.s.l Thrives well at 22-350C, Suitable for a wide range of agro ecological zones including high altitude areas, medium altitudes and low lands	2-4	1.8 – 2.5	▪ Golden seeded, bushy and bears panicles on all branches ▪ It is dual purpose and produces both grain and vegetables ▪ Early maturing (80-100 days) ▪ Relatively drought tolerant (gives reasonable yields even when the rainfall is as low as 200mm) ▪ Highly nutritious, contains high quality proteins (20%) and particularly rich in amino acid lysine ▪ Contains calcium, iron, phosphorous and vitamins A, D and B complex ▪ Has high quality oils (10.4%) ▪ Highly digestible, Immune booster particularly good for the malnourished and those with low immunity ▪ Grain amaranth is blended with other cereals to improve their nutritive qualities

								▪ Sprouts easily (for amaranth sprouts) ▪ Has good popping qualities (popped amaranth is an excellent breakfast cereal).
Variety name	**Release name**	**Year of release**	**Owner(s) licensee**	**Maintainer and source**	**Areas for optimal production**	**Maturity duration**	**Yield (t/ha)**	**Special attributes**
4. Katumani White (KAM 001)	Terere Smart	2018	KALRO Katumani	KALRO Katumani	20 - 2400 m above sea level (asl), - Thrives well at 22-350C, Suitable for a wide range of agro ecological zones including high altitude areas, medium altitudes and low lands	2.5-3	1.3 – 1.5	▪ The seed colour is whitish cream, making it attractive to processors ▪ The main stem is erect and bears a big panicle at the apex ▪ Dual purpose (grain and vegetables), Early maturing (75-90 days) ▪ Relatively drought tolerant (gives reasonable yields even when the rainfall is as low as 200mm) ▪ Highly nutritious, contains high quality proteins (18.5%) and especially rich in amino acid lysine ▪ Contains calcium, iron, phosphorous and vitamins A, D and B complex ▪ Has high quality oils (9%) ▪ Highly digestible ▪ Immune booster, particularly good for the malnourished and those with low immunity ▪ Grain amaranth is blended with other cereals to improve their nutritive qualities ▪ Has good popping qualities (popped amaranth is an excellent breakfast cereal).

49. NATIONAL OAT VARIETY LIST

Species: ***Aven sativa***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas for optimal production	Maturity duration(months)	Yield (t/ha)	Special attributes
1. 011A06	KS Oat16B	2018	KSCo	KSCo	800 – 2400 m.a.s.l. (Nakuru, Nyandarua, Uasin Gishu, Trans Nzoia, Meru)	3-4	0.18–0.19 (dry matter)	▪ White grains; High in herbage (hay oat) ▪ Highly palatable and sweet-tasting to animals ▪ Very good tillering ability (15-20 tillers per plant) ▪ Resistant to lodging, Average height 110-115cm
2. 014A01	KS Oat16A	2018	KSCo	KSCo	800 – 2400 m.a.s.l. (Nakuru, Nyandarua, Uasin Gishu, Trans Nzoia, Meru)	3	4.5 - 5.5 (grains)	▪ White grains ▪ Grains have a slightly nutty flavor that is ideal for biscuits, oat porridge and thickening both sauces and soups (milling oat) ▪ Very good tillering ability (12-18 tillers per plant) ▪ Resistant to lodging; Moderately resistant to leaf rust ▪ Average height 110cm

50. NATIONAL TRITICALE VARIETY LIST

Species: *×Triticosecale*

Variety Name/Code	Release Name	Year of release	Owner(s) Licensee	Maintainer and Source	Areas of Production	Maturity Duration (months)	Biomass Yield(t/ha)	Special Attributes
1. Foddatriticale	Foddatriticale	2021	Agriscope (Africa) Limited	Agriscope (Africa) Limited	Altitude: 1100-2000 m.a.s.l, AEZ: AEZ: UM I, UM2 and UM3, Sites: Nandi, Nakuru, Bomet, Eldoret, Kitale, Laikipia and Machakos, 160-180 days	5-6	10-12 per cutting	▪ High digestibility of organic matter due to low acid detergent Fiber (40%) ▪ Foliar diseases (leaf rust, leaf spot and stem rust) tolerant (Less chemical use) ▪ High Metabolizable Energy ▪ High protein content (Crude protein content of 6-7%) ▪ Suitable for Silage and grazing

51. NATIONAL HORSETAIL GRASS VARIETY LIST

Species: *Chloris roxburghiana*

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield(t/ha)	Special attributes
1. Chloris roxburghiana var. CHROX-KBK	CHROX-KBK	2021	KALRO	KALRO	Altitude: 0-1500 m.a.s.l AEZ: UM 4-6, LM 4-6, CL-4-6 Sites: ASAL AREAS; Makueni, Marsabit, Turkana, Baringo, Kajiado, Narok, Taita Taveta, Laikipia, Machakos, Tana River, Isiolo, West pokot, Kwale	3-4	1-5 t dry matter /ha per year	▪ Drought tolerant, widely adapted in the ASALs ▪ Free from pests and diseases, highly paratable at optimum nutritive stage ▪ Good for range land rehabilitation ▪ High crude protein up to 14% ▪ Moderately tolerant to shade, Fast growth after harvest ▪ Suitable for cut and carry or baling ▪ Over 15 years of productive life with proper management

52. NATIONAL BUSHRYE GRASS VARIETY LIST

Species: ***Enteropogon macrostachyus***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration	Yield(t/ha)	Special attributes
1. Enteropogon macrostachyus var. ENMA-KBK	ENMA-KBK	2021	KALRO	KALRO	Altitude: 20-2400 m.a.s.l AEZ: LH 3-5, UM 3-5, LM 3-5, CL 3-5 Sites: ASAL areas; Makueni, Narok, Kajiado, Kitui, Taita Taveta, Baringo, Nakuru, Busia, Laikipia, Machakos, Kinangop, Kilifi, Mombasa, Lamu, Kwale, Tana River, Turkana, Isiolo	3-4	1-7 t dry matter/ha per year	▪ Drought tolerant ▪ Shade tolerant (Can be intercropped with fruit and timber trees such as Melia Volkensii ▪ Fast regrowth after harvest ▪ High palatability ▪ Prolific in seed production ▪ Widely adapted in the asalS ▪ Good for rangeland rehabilitation ▪ 15 years of productive life with proper management

53. NATIONAL BUFFEL GRASS VARIETY LIST

Species: Cenchrus ciliaris

Variety name	Release name	Year of release	Owner(s) license	Maintainer and source	Areas of production	Maturity duration	Yield(t/ha)	Special attributes
1. Cenchrus ciliaris var. MGD-1	MGD-1	2021	KALRO	KALRO	Altitude: 0-2000 m.a.s.l AEZ: UM 3-6, LM 3-6, CL 3-6 Sites: Kajiado, Makueni, Narok, Kitui, Taita Taveta, Baringo, Nakuru, Busia, Laikipia, Machakos, Kilifi, West pokot	3-4	5-10 t dry matter/ha per year	▪ Drought tolerant, Tolerant to grazing pressure, Fast regrowth after harvest ▪ High CP up to 12%, High digestibility ▪ Suitable for cut and carry or baling ▪ Good for rangeland rehabilitation ▪ Competitive and aggressive growth against weeds ▪ Good for soil erosion control, Early maturing and vigorous growth after harvest ▪ Free from pests and diseases ▪ Over 20 years of productive life with proper management
2. Cenchrus cilliaris var. TVT-3	TVT-3	2021	KALRO	KALRO	Altitude: 0-2000m m.a.s.l AEZ: UM 3-5, LM 3-5, CL 3-5 Sites: Kajiado, Makueni, Narok, Kitui, Busia, Laikipia, Machakos, Taita Taveta, Baringo, Nakuru, Kilifi	3-4	6-10 t dry matter /ha per year	▪ Drought tolerant ▪ Tolerant to grazing pressure ▪ High CP up to 11%, Prolific in seed production ▪ Easy to harvest seeds ▪ highly palatable and preferred at optimal nutritive stage ▪ Spreads easily through rhizomes ▪ Competitive and aggressive growth against weeds ▪ Good for soil erosion control ▪ Suitable for cut and carry or baling ▪ Over 20 years of productive life with proper management

54. NATIONAL CASHEW NUT VARIETY LIST

Species: ***Anacardium occidentale***

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration (years)	Yield(t/ha)	Special attributes
1. A81	KKorosho-81	2022	KALRO	KALRO ICRI MTWAPA	Altitude: 10-1000masl AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4)	3	3.5 (50 kg per tree/per year) (At 5 years)	▪ High cashewnut yields ▪ High quality kernels ▪ Large red apples ideal for juice/wine production
2. A82	KKorosho-82	2022	KALRO	KALRO ICRI MTWAPA	Altitude: 10-1000m AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4)	3	3.9 (55 kg/tree/year) (At 5 years)	▪ Large kernels of attractive grades ▪ Medium sized cashew apples
3. A100	KKorosho-100	2022	KALRO	KALRO ICRI MTWAPA	Altitude: 10-1000m AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4)	3	4.2 (60 kg per tree per year) (At 5 years)	▪ Characterized by high number of nuts per panicle ▪ Medium sized kernels ▪ Medium sized cashew apples
4. A7583	KKorosho-75	2022	KALRO	KALRO ICRI MTWAPA	Altitude: 10-1000m AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4)	3	4.9 (70 kg per tree per year) (At 5 years)	▪ Secondary flowering and prolonged production duration of up to 6 months ▪ Medium sized kernels, Medium sized cashew apples

55. NATIONAL SAFFLOWER VARIETY LIST

Species: Carthamus tinctorius L

Variety name	Release name	Year of release	Owner(s) licensee	Maintainer and source	Areas of production	Maturity duration(months)	Yield(t /ha)	Special attributes
1. Kensaf 01	NJ-1006	2024	KALRO	KALRO NJORO	Altitude: 900-2000 m.a.s.l AEZ: LM4-6 Sites where testing was done: Baringo, Makueni, Kitui, Nakuru, Laikipia, Kajaido, Taita Taveta	4-5	1-1.5	▪ Oil content: 28-30%. ▪ Drought Tolerant ▪ Tolerant to safflower blight (score 1) under normal production conditions.(Score out of 1-5, 1=least severe, 5=most severe)tolerant.

56. NATIONAL CASTOR VARIETY LIST

Species: Ricinus communis L

Variety name/ Code	Release Name	Year of release	Owner(s)	Maintainer	Optimal production altitude range (Masl)	Duration to maturity (months)	Root yield (tha-1 y-1)	Special attributes
1. KC24	NjoroKC24	2024	KALRO	FCRC NJORO	Altitude:50-2000 m.a.s.l AEZ: UM 1-5, LM 1-6 SITES: Dzombo, Mpeketoni, Kambi mawe, Kitui, Kiboko, Mogotio, Naivasha	5-6	1-2.5	▪ Oil content 41-45% ▪ Drought tolerant ▪ Tolerant to fusarium inflorescence blight and castor rust with scores of <1.5(score out of 1-5, 1=least severe, 5=most severe
2. KC25	NjoroKC25	2024	KALRO	FCRC NJORO	Altitude:50-2000 m.a.s.l AEZ: UM 1-5, LM 1-6 SITES: Dzombo, Mpeketoni, Kambi mawe, Kitui, Kiboko, Mogotio, Naivasha	5-6	1-2.0	▪ Oil content 34-46% ▪ Drought tolerant ▪ Tolerant to fusarium inflorescence blight and castor rust with scores of <1.5(score out of 1-5, 1=least severe, 5=most severe
3. NUU70	KATNUU70	2024	KALRO	AMRI KATUMANI	Altitude:50-2000 m.a.s.l AEZ: UM 1-5, LM 1-6 SITES: Dzombo, Mpeketoni, Kambi mawe, Kitui, Kiboko, Mogotio, Naivasha	6-7	1.2 - 1.8	▪ Oil content 34-53% ▪ Drought tolerant ▪ Tolerant to fusarium inflorescence blight and castor rust with scores of <1.5(score out of 1-5, 1=least severe, 5=most severe

57. NATIONAL TEFF VARIETY LIST

Species: Eragrostis tef

Variety name/ Code	Release Name	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield(t ha-1)	Special attributes
1. TKB 27-1	KISTEFF B27-1	2023	KALRO KATUMANI	KALRO	Altitude:250-2000 m.a.s.l AEZ: LM 4, LM 5, LM 6 Sites: Marsabit, Isiolo, Wajir, Turkana, Mandera, makueni, Tharaka nithi,Lanet, Lakipia, Narok etc	1-2	2-3	▪ Early Maturity ▪ Wide Adaptability High tillering
2. TAR 2	AILA RED 2	2023	KALRO KATUMANI	KALRO	Altitude:250-2000 m.a.s.l AEZ: LM 4, LM 5, LM 6 Sites: Marsabit, Isiolo, Wajir, Turkana, Mandera, makueni, Tharaka nithi,Lanet, Lakipia, Narok etc	1-2	2-2.3	▪ Early Maturity ▪ Wide Adaptability ▪ High tillering Minimal lodging
3. TLW	LUSIKE WHITE	2023	KALRO KATUMANI	KALRO	Altitude:250-2000 m.a.s.l AEZ: LM 4, LM 5 Sites: Marsabit, Isiolo, Wajir, Turkana, Mandera, makueni, Tharaka nithi,Lanet, Lakipia, Narok etc	1-2	2-2.5	▪ Early Maturity ▪ High Altitude zones ▪ Minimal lodging