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: Coffea Arabica

Variety name	Year of release	Owner(s)	Maintainer and seedling source	Optimal production altitude (Masl)	Duration to maturity (months)	Yield (kg tree^{-1} y^{-1})	Special attributes
1. CCLviii SL 34	1930s	Coffee Research Foundation	Coffee Research Foundation	1300-1800	24	2-2.5 t/ha clean coffee	• 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 t/ha clean coffee	• 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 t/ha clean coffee	• Partial resistance to leaf rust. Adaptable to low to medium altitude
4. CCLXI Ruiru II	1985	Coffee Research Foundation	Coffee Research Foundation	1300-1800	18	2.5-4.6 t/ha clean coffee	• Resistance to CBD and leaf rust, Compact growth
5. Batian 1	2010	Coffee Research Foundation	Coffee Research Foundation	1200 - 1800	18	3-5 t/ha clean coffee	• 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 t/ha clean coffee	• 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

7. Batian 2	**2010**	**Coffee Research Foundation**	**Coffee Research Foundation**	**1200 - 1800**	**18**	**3-5 t/ha clean coffee**	• **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	Year of release	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	1500-1750	15-20	42-55	• High first grade ratio
3.EMB-3	1997	KARI	KARI-Thika	1750-1900	15-20	42-60	• High first grade ratio
4.KRG-15	1997	KARI	KARI-Thika	1500-1750	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 in Kenya	Year of release in other countries	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 and 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
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
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
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 • Yield potential similar to the high yielding standard check and commercial clone TRFK 31/8 • 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 Variety Release Name	Year of release in Kenya	Year of release in Other Countries	Owner(s) / License e	Maintainer and planting material source	Optimal production altitude range (Masl)	Duration to maturity (months)	Tuber yield (t ha^{-1} y^{-1})	Percentage Dry matter content	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	24	• Light orange fleshed • High ß carotene content
10. Ksp0072	Ksp0072	2010		KARI	KARI KATUMANI	Warm, Semi-arid areas, 600 – 1400	3-4	22	25	• Light orange fleshed • high ß carotene

						m.a.s.l. Yield well in coffee zone of eastern and central.				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	26	• 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	25	• Light orange fleshed • high ß carotene content
13. Mwavuli	Mwavuli-1	2011	NA	KARI-Kakamega	KARI-Kakamega	1200-1800	4-5	22.0 (40.0)		• High root yield • High DM • Dual purpose
14. 91-218	Limara	2011	NA	KARI-Kakamega	KARI-Kakamega	1200-1700	4-5	15.4 (25.0)		• Very Resistant to virus disease
15. 292-H-12	Rachar	2011	NA	KARI-Kakamega	KARI-Kakamega	1200-1680	4-5	14.2 (34.0)*		• Virus resistant
16. 56682-03	Haraka	2011	NA	KARI-Kakamega	KARI-Kakamega	1300-1600	4-5	16.3 (28.5)		• Orange-fleshed • High DM

17. K117	Lisamu-DP	2011	NA	KARI-Kakamega	KARI-Kakamega	1200-1600	5-6	15.1 (34.4)		• Orange-fleshedH • High DM
18.Kabode	Kabode	2013		KARI	KARI-Kakamega	1,200-1,800	4-5 months	16-25		• High β-carotene content • Tolerant to sweet-potato viruses;
19.VITAA	Vitamu	2013		KARI	KARI-Kakamega	1,200-1,800	4-5 months	15-22		• High β-carotene • High dry matter 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 months	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 months	15 - 46	.	• Moderate Dry Matter White-fleshed • High acceptability rating.
22.KNSP 010/6 (1)	Kenspot-3	2013		KARI	KARI-Njoro	1,900-23,00 metres in Njoro, Eldama-Ravine, Kakamega	6-7 months	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 months	10 - 26		• High Dry Matter content • Orange-fleshed (high β-carotene content); • Average acceptability

24.KNSP 02/16 (1)	Kenspot-5	2013		KARI	KARI-Njoro	1,700-2,100 metres in Eldama-Ravine, Kabianga and Kakamega	6-7 months	10 - 23		• Moderate dry matter; • Orange-fleshed (high β-carotene content; • Moderately resistant to sweet-potato viral diseases; • Moderate acceptability.
25. NASPOT-1	DOUBLE-DOUBLE	2015		KALRO	KALRO Kakamega	Western , Eastern Kenya, North Rift region	3-4 months	27 t/ha		• Dual purpose variety-roots for human consumption and vines for livestock. Moderately resistance to SPVD
26. CUNY	CUNY	2015		KALRO	KALRO Kakamega	Western Kenya	4-5 months	28 t/ha		• High dry matter content and yellow fleshed, has average level of sugars • Tolerant to altanaria.
27. K/KA/2004/215	JANKAROTI	2015		KALRO	KALRO Kakamega	Western Kenya	3-4 months	28 t/ha		• 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 months	25 t/ha		• Yellow-fleshed with moderately resistance to weevil attack due to its deep rooting characteristics • 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, Meru, Nyeri, Muranga,Taita Taveta-Wundamyi, Machakos**	**150 Days**	**14-18**		▪ **Resistance to pests; resistance to potato weevils** ▪ **Resistance to diseases; potato deseases** ▪ **Tolerant to virus disease.** ▪ **Has moderate tolerance to low cool temperature.** ▪ **Flesh colour Orange (29A/23) (CIP colour chart)** ▪ **β-carotene 4800 µg/100g fwb content** ▪ **Taste is sweet**
30.Shock 5	**Shock 5**	**2019**		**KALRO**	**KALRO-KATUMANI**	**Altitude: 1200-1800 masl Examples:Bungoma,Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu, Meru, Nyeri, Muranga,Taita Taveta-Wundamyi, Machakos**	**150 Days**	**11-17**		▪ **Dual purpose variety** ▪ **Resistance to pests; resistance to potato weevils** ▪ **Resistance to diseases; potato deseases** ▪ **Tolerant to virus disease.** ▪ **Has moderate tolerance to low cool temperature.** ▪ **Dry matter 25.8%,** ▪ **Flesh colour cream yellow, (9D/3) (CIP colour chart)** ▪ **β-carotene 1500 µg/100g fwb content.** ▪ **Taste is sweet**
31.Kyembadula 6	**Kyembadula 6**	**2019**		**KALRO**	**KALRO-KATUMANI**	**Altitude: 1200-1800 masl Examples:Bungoma,Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu, Meru, Nyeri, Muranga,Taita Taveta-**	**150 Days**	**10-16**		▪ **Resistance to pests; resistance to potato weevils** ▪ **Resistance to diseases; potato deseases** ▪ **Tolerant to virus disease.** ▪ **Has moderate tolerance to low cool temperature.** ▪ **Shape Oblong, Skin colour cream** ▪ **Dry matter 26.2%** ▪ **Flesh colour yellow (12C/15)**

						Wundamyi, Machakos				(CIP colour chart) ▪ β-carotene 1500 µg/100g fwb content. ▪ Taste is sweet
32. Irene	Irene	2019		KALRO	KALRO-KATUMANI	Altitude: 1200-1800 masl Examples:Bungoma,Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu, Meru, Nyeri, Muranga,Taita Taveta-Wundamyi, Machakos	120 -150 Days	9-15		▪ Resistance to pests; resistance to potato weevils ▪ Resistance to diseases; potato deseases ▪ Tolerant to virus disease. ▪ Shape Oblong ▪ Skin colour Purple red ▪ Dry matter 28.8% ▪ Flesh colour Orange with yellow, (28 C:18B) (CIP colour chart) ▪ β-carotene 8300 µg/100g fwb content ▪ Taste is moderately sweet

5. NATIONAL SUGARCANE VARIETY LIST

Species: Saccharum officinarum

Variety name/code	Official Release name	Year of release in Kenya	Year of Release in other Countries	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
14. D8484	D8484	2007		Guyana Sugar Cooperative	KESREF	1200-1620	14-16	108-145	• Resistant to smut
15. KEN82-121¥	KEN82-121¥	2011	N/A	Kenya Sugar Research Foundation (KESREF)	KESREF	1100 -1300	15-17	95-100	• Early maturity. • High sucrose.
16. KEN82-493¥	KEN82-493¥	2011	N/A	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	N/A	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 months	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 months	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 months	Sub- Humid 82 Humid	Resistant to smut. High Sucrose content(13-15% pol)

								142	
21. 98-551	KEN 98-551	2014		KESREF	KESREF (KIBOS)	Kibos & Chemelil	16-18 months	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 months	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 months	Sub- Humid 77 Humid 100	• Immune to Smut • High sucrose content(13% pol) • Good Ratooning
24. 00-3811	KEN 00-3811	2014		KESREF	KESREF (KIBOS)	Mumias & Sony	16-18 months	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 months	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 months	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 months	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 months	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 months	Sub- Humid 80 Humid 100	• High Sucrose content (15% pol)
35. 00-13	KEN 00-13	2014		KESREF	KESREF (KIBOS)	Sony, Muhoroni, Chemelil & Nzoia	15-17 months	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 months	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 months	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 months	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 months	Sub- Humid- 84 Humid - 127	• Early Maturity • Sucrose content of 13% pol

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 (t ha^{-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	12-15	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. MUCERI CERI	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 • Very short • No branches
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 good for intercropping
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**
15. Karibuni	**2008**	**KARI**	**KARI**	**15-1200**	**8-12**	**52.7**		• **High branching heights good 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**	**30**	• **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**	**29**	• **Resistant to cassava mosaic disease** • **Early maturing** • **Low CNP** • **Sweet** • **Resistant to CMD** • **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**	**33**	• **Resistant to cassava mosaic disease** • **Early maturing** • **Low CNP** • **Sweet** • **Resistant to CMD** • **Poundable**

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
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 t	• Skin colour yellow • Flesh colour yellow • Tuber shape oval-long • Drymatter content 18.2%.
17.Arizona	2013	Agrico U.A.	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok,	3-3.5	45 t	• Skin colour yellow • Flesh colour yellow

				Bomet, Timboroa and all regions suitable for potato production.			• 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 t	• Skin colour red • Flesh colour is white • The tuber shape oval round • Dry matter content 20%.
19.Connect	2013	Aardappel kweek- en selectiebedrijf IJsselmeerpolders BV	Den Hartigh BV	All Regions suitable for potato production	3.5-4	40-60 t	• *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 and drought tolerance
21.MANITOU	2014	Agrico U.A	Agrico East Africa Ltd.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	4	45	• Red skin • Crème flesh • Dry matter content 20% • Good resistance to scab, erwinia, and tuber blight • Suitable for home-made French fries, and fresh potatoes
22.SAVIOLA	2014	Agrico U.A	Agrico East Africa	Timau, Tigoni,	4	42.5	• Long oval-shaped big size tuber

			Ltd.	Molo, Narok, Bomet, Timboroa and all regions suitable for potato production			• 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.	120 days	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	120 days	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.
25. CARUSO	2014	Saka-Ragis	Den Hartigh	Narok, Molo, Kibirichia, Tigoni, Timau and other potato growing areas	90-100 days	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 months	50	• Multi-purpose, table, crisp.
27. SHANGI	2015	KALRO	KALRO NPRC-TIGONI	Mid- to high altitude areas. (1500-2800 masl)	3-4 months	30-40	• Early maturity • Short dormancy • Highly prolific

				of Nyandarua, Nakuru, Kiambu, Narok, Meru.			• 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 months	50	• Resistant to PCN • Resistance to common scab , spraing, mechanical damage
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 months	17 t/ha	• 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 months	18 t/ha	• Table, French fries.
31. LAURA	2016	Owner: BÖHM-NORDKARTOFFEL AGRARPRODUKTION GmbH &	Bioplant GmbH,	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	4-5 months	15-19	• Processing variety: French Fries • Medium cooking (B) • Short dormancy

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32. Lady Amarilla	2016	C. Meijer B.V.	C. Meijer B.V.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3 months	12-18	• Processing • Long storage
33.UNICA	2016	CIP	CIP & KALRO	Lowlands and highlands tropics 1200-m asl	80-90 DAYS	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	80-100 Days	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	90-110 Days	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	90-100 Days	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**	**80-100 Days**	**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, Timboroa and all regions suitable for potato production**	**120 days**	**60**	• **Resistance toward late blight, wart disease fysio 1,Globodera rostochiensis pathotype 1**
40. Rams	**2020**	Narayani Ramnathan	**Narayani Ramnathan and ADC**	Altitude: from1000 to 3000 masl. AEZ: UH 2-3,UM 1-2, LH 1-2 Sites:Kajiado, Kiambu, Limuru, Molo, Timau, Kamae,Isinya, Cherangany,Nyandarua and Narok	**75-90 days**	**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**

b). High Input Intensive Management

1. MUSICA	**2014**		**C. Meijer BV**	**Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato**	**4(120 days)**	**60**	• **Resistance toward wart disease fysio 1, G. rostochiensis pathotype 1 and 2/3 and partial resistance towards G. pallida pathotype 2**

				production			
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(165 days)	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
4. EL MUNDO	2014	Kartoffelzucht Böhm GmbH & Co. KG	Africalla	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production	Medium to late	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, multi purpose 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.	120 days	65-70	• Multi purpose variety: French Fries, Fresh, Crisps • Good dry matter content • Medium long dormancy, suitable for second crop • Medium early resistant to viruses and cyst nematodes
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.	100 days	70-75	• Early maturing • Good resistance to Late Blight • Multi purpose 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.	150 days	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 months	40	• Variety is suitable for processing, especially for the production of crisps.
11. KURODA	2015	AGRICO U.A.	AGRICO EAST	Timau, Tigoni,	6 months	50	• Fresh table consumption

			AFRICA LTD.	Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.		t/ha	
12. ZAFIRA	2015	AGRICO U.A.	AGRICO EAST AFRICA LTD.	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	6 months	51 t/ha	• Fresh table consumption
13. MILVA	2015	Saatzucht Berding Am Jadebusen36 D-26345 Bockhorn-Petersgroden GERMANY	EUROPLANT PFLANZENZUCHT GmbH P.O. Box 13 80, D-21303 Lüneburg GERMANY	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.	3-4 months	44 t/ha	• 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 month	42.4 t/ha	• Very suitable for the processing industry (french fries) and fresh market • Good resistance to Alternaria and Common scab.
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 month	46.4 t/ha	• Fresh market variety • Early maturing • Big size tubers.

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 month	59.2 t/ha	• 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 month	49.6 t/ha	• Fresh market variety with good dry matter content • Moderate resistance to Common scab
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 month	49.5 t/ha	• 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 month	49.5 t/ha	• 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 months	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 months	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 months	23	• Resistance toward wart disease fysio 1 and G. rostochiensis pathotype 1.
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 months	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	90-120 Days	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	100 Days	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**	**90-120 Days**	**41-53**	▪ **Table and chipping variety** ▪ **Good resistance to late blight and powdery scab,** ▪ **moderately drought tolerant**
27. Reiver	**2019**	**James Hutton Ltd**	**SASA**	**Altitude: 1800-2600 masl Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha**	**90-120 Days**	**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**	**90-120 Days**	**47-64**	▪ **All rounder including chips;** ▪ **Resistant to PCN (G rostochiensis), late blight, blackleg and potato virus Y.** ▪ **Moderately drought tolerant**

8. NATIONAL MAIZE VARIETY LIST

Species: *Zea mays* L.

Variety name/code	Official Release Name	Year of release in Kenya	Year of Release in Other Countries	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	4-6	• Medium maturity
11. KAT CB	KAT CB	1967		Kenya Seed Co/KARI	Kenya Seed Co/KARI.	900-1350	3-4	3-5	• Early maturing
12. H6211	H6211	2001		Kenya Seed Co	Kenya Seed Co.	1500-2100	6-8	9-14	• Early, Short Semi flint
13. H6212	H6212	2001		Kenya Seed Co.	Kenya Seed Co.	1500-2100	6-8	10-15	• Short, semi flint

									Resistant to ear rot
14. FS650	FS650	2001		OCD (Faida Seeds)	OCD (Faida Seeds)	1500-2200	5-7	8-9	• 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	5-7	• 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 standabilityLow ear placement
25. Maseno Double Cobber	Maseno Double Cobber	2002		Lagrotech Seed Co.	Lagrotech Seed Co.	1000-1600	3 - 4	4-6.8	• Prolific-frequency of 30-80%) • Flint kernels

26. PHB30H83	**PHB30H83**	**2002**		**Pioneer Hibred Zimbambwe**	**Pioneer Hibred, Zimbabwe**	**1000-2000**	**5-6**	**8-11**	• **Grey leaf spot tolerant** • **Ear rot resistance**
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 standabilit • 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 standabilit • Stable performance
41. KSTP 94	KSTP 94	2000		KARI	KARI Kakamega	1350-1800	4-4	4-6	• Tolerant to Striga
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 months	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	8-12	• 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
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

64. 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
65. 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 compared to H513; semi dent
66. 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
67. 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 than H513; semi dent
68. 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
69. H523	H523	2003		Kenya Seed Company	Kenya Seed Company	1200-1600	4-5	6.6	• Better yielding than H623 • Tolerant to grey leafspot • Resistant to root and stalk lodging • Semi dent
70. 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
71. 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 • Best for mid –altitudes
72. 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
73. Simba 61	Simba 61	2003		AgriSeedCo Ltd	SEEDCO Zambia	1800	4.5	7-10	• Tolerant to MSV and GLS
74. DK 8071	DK 8071	2003		Monsanto	Monsanto	1500-1700	5	6-9	• Flint grain
75. DK 8031	DK 8031	2003		Monsanto	Monsanto	900-1700	4 - 4.7	6-8	• GLS tolerant
76. KSH6214	KSH6214	2004		Kenya Seed Company	Kenya Seed Company	1600-2100	6-7	9-12	• Tolerance to GLS, leaf blight • Lodging resistant • Early maturing
77. KSH624	KSH624	2004		Kenya Seed Company	Kenya Seed Company	1500-1800	5-6	8-11	• Tolerance to GLS, leaf blight, rust • High yielding
78. 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
79. 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 • High yielding
80. 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
81. KH500-34A	KH500-34A	2004		KARI	KARI Muguga	1300-1800	5-6	6-8	• Early maturing • Resistant to rust, MSV, blight
82. 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

83. SC Duma 41	SC Duma 41	2004		AgriSeedCo Ltd	SEEDCO Zambia	800-1800	4-5	6-7	• Resistant to ear rot, rust, MSV, mottle virus, drought • Early maturity
84. SC Duma 43	SC Duma 43	2004		AgriSeedCo Ltd	SEEDCO Zambia	800-1800	4-5	6-7	• Resistant to ear rot, rust, MSV, drought • Early maturity
85. 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
86. 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
87. 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
88. DKC 80-33	DKC 80-33	2004		Monsanto (K) Ltd	Monsanto (K) Ltd	900-1700	5-6	6-8	• Resistant to GLS • Good standability
89. WS 202	WS 202	2004		Western Seed Company	Western Seed Company	0-1500	3-4	3-5	• Resistant to MSV, drought, low soil nitrogen
90. 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.

91. KH500-31A	KH500-31A	2004		KARI	KARI Muguga	1800-2100	6-7	6-7	• Resistant to, rust, MSV, blight • Stays green (for fodder)
92. KH500-32A	KH500-32A	2004		KARI	KARI Muguga	1300-1800	5-6	6-8	• Resistant to blight, rust, MSV
93. KH500-33A	KH500-33A	2004		KARI	KARI Muguga	1400-1800	5-6	7	• Resistant to blight
94. KK SYN-2	KK SYN-2	2004		KARI	KARI	1500-1800	3-4	5-6	• Wide adaptability • Responsive to low input environment, Resistant toMSV
95. 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
96. 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
97. Ua Kayongo 1	Ua Kayongo 1	2004		KARI	Western Seed	1200-1600	4-5	4	• Resistant to striga
98. KH600-20A	KH600-20A	2005		KARI	KARI Kitale	1800-2300	5-6	8-9	• Good standability • Good resistance to blight
99. 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
100. 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
101. 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
102. PHB 30G19	PHB 30G19	2006		Pioneer Hi-Bred	Pioneer Hi-Bred Seeds	1000-1800	5-6	8-10	• Resistant to grey leaf spot • Low ear placement

				Seeds					• Good husk cover and standability • Lodging resistant
103. 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
104. 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
105. 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
106. 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
107. WH 602	WH 602	2006		Western Seed Co.	Western Seed Co.				
108. WH 101	WH 101	2006		Western Seed Co.	Western Seed Co.				
109. WH 401	WH 401	2006		Western Seed Co.	Western Seed Co.				
110. WH 402	WH 402	2006		Western Seed Co.	Western Seed Co.				
111. WH 507	WH 507	2006		Western Seed Co.	Western Seed Co.				
112. WH 508	WH 508	2006		Western Seed Co.	Western Seed Co.				
113. DH 06	DH 06	2007		Kenya Seed Co.	Kenya Seed Co.	900-1500	3-4	4-6.5	• Good standability, good husk cover
114. DH 11	DH 11	2007							
115. 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,
116. 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

117. 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
118. EV04271	EV04271	2007		KARI	KARI	1500-2100	4-5	4.5	• Resistant to rust • Good standability
119. 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
120. WS303	WS303	2007		Western Seed Co.	Western Seed Co.				•
121. 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
122. 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,
123. PAN 69	PAN 69	2008		Pannar Seed (PTY) Ltd	Pannar Seed Co	1200-1700	4-5	7-10	• High yielding • Wide adaptability • Good standability • Tolerant to leaf diseases,
124. PAN 57	PAN 57	2008		Pannar Seed (PTY) Ltd	Pannar Seed Co	1200-1700	4-5	6-8	• Flint • Tolerant to leaf diseases,

125. PAN 7M-97	PAN 7M-97	2008		Pannar Seed (PTY) Ltd	Pannar Seed Co	1400-1700	4-5	7-10	• High yielding, Good standability, Prolific
126. 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
127. PAN 7M-89	PAN 7M-89	2008		Pannar Seed (PTY) Ltd	Pannar Seed Co	1400-2000	5-6	8-10	• High yielding, Tolerant to leaf diseases
128. KH500-35E	KH500-35E	2008		KARI	KARI	1200-1600	4-5	7	• Resistant GLS, MSV, rust & blight, Staygreen, Good stalk for animal feed
129. KH500-36E	KH500-36E	2008		KARI	KARI	1200-1800	4-5	7	• Resistant MSV, rust & blight, Flint
130. KH500-37E	KH500-37E	2008		KARI	KARI	1200-1800	4-5	8	• Resistant MSV, rust & blight
131. KH500-39E	KH500-39E	2008		KARI	KARI	1200-1800	4-5	8-9	• Resistant GLS & blight
132. KEMBU 214	KEMBU 214	2008		KARI	KARI	1200-1600	4-5	7	• Tolerant to stem borers
133. KH500-40E	KH500-40E	2008		KARI	KARI	1200-1800	4-5	7	• Resistant to insect • Tolerant to drought and low N
134. KH500-44A	KH500-44A	2008		KARI	KARI	1500-2100	4-5	6.95	• Tolerant to MSV, Early
135. KH500-22A	KH500-22A	2008		KARI	KARI	1200-2100	4-5	6.9	• Tolerant to MSV, Early
136. KH500-43A	KH500-43A	2008		KARI	KARI	1200-2100	4-5	6.5	• Tolerant to MSV • Double cobber • High foliage (dual purpose)
137. 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
138. KDH4 SBR	KDH4 SBR	2008		KARI	KARI			5.15	• Resistant to stem borers • Tolerant to drought & low N,
139. KDH5 SBR	KDH5 SBR	2008		KARI	KARI			4.77	• Resistant to stem borers • Tolerant to drought & low N,
140. KDH6 SBR	KDH6 SBR	2008		KARI	KARI			5.06	• Resistant to stem borers • Tolerant to drought & low N,
141. KDH414-01	KDH414-	2008		KARI	KARI			5.15	• Resistant to stem borers

SBR	01 SBR								• Tolerant to drought & low N,
142. KDH414-02 SBR	KDH414-02 SBR	2008		KARI	KARI			4.77	• Resistant to stem borers • Tolerant to drought & low N,
143. KDH414-03 SBR	KDH414-03 SBR	2008		KARI	KARI			5.06	• Resistant to stem borers • Tolerant to drought & low N,

144. KH600-23A	KH600-23A	2008		KARI	KARI	1800-2500	5-6	8.6-14.8	• Resistant to GLS, rust & blight • Less lodging
145. KH600-24A	KH600-24A	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	8.7-14.9	• Resistant to GLS rust & blight • Less lodging
147. 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
148. KS-H6216	KS-H6216	2008		Kenya Seed Co.	Kenya Seed Co.	1500-2100	6-7	8.0 – 9.5	• Lodging resistant, Flint kernels
149. 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
150. KS-H6217	KS-H6217	2008		Kenya Seed Co.	Kenya Seed Co.	1500-2100	6-7	8.5 – 10	• Lodging resistant • Flint kernels
151. KS-DH13	152. KS-DH13	153. 2008	154.	155. Kenya Seed Co.	156. Kenya Seed Co.	157. 800-1800	158. 3.5 - 4.5	159. 4.5 – 7.6	• Good husk cover • Drought tolerant • Resistant to Ear rot, GLS, blight & rust
160. 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,
161. 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,

162. 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
163. WH002	WH002	2008		Western Seed Co.	Western Seed Co.				
164. WS105	WS105	2008		Western Seed Co.	Western Seed Co.				
165. WS202	WS202	2008		Western Seed Co.	Western Seed Co.				
166. WH404	WH404	2008		Western Seed Co.	Western Seed Co.				
167. WH301	WH301	2008		Western Seed Co.	Western Seed Co.				
168. WH302	WH302	2008		Western Seed Co.	Western Seed Co.				
169. WH405	WH405	2008		Western Seed Co.	Western Seed Co.				
170. WH605	WH605	2008		Western Seed Co.	Western Seed Co.				
171. WH601	WH601	2009		Western Seed Co	Western Seed Co	1500 – 2100	5 – 6	6-9	• Tolerant to GLS & blight • Lodging resistant • Good husk cover
172. WS204	WS204	2009		Western Seed Co	Western Seed Co	800 – 1400	3-4	3-4	• Tolerant to GLS, MSV, blight, drought & Low nitrogen • Striga resistant
173. 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.

174. 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
175. 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
176. 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 (55% DM above commercial hybrids) • Large cobs • Grown in moist medium altitude areas
177. KH500-42A	KH500-42A	2010		KARI	KARI-Muguga South	1400-1800	4-5	6-7	• Resistant to MSV, GLS and Turcicum blight • Dual purpose(80% DM above commercial hybrids) • Flint like – intermediate grains • Large cobs • Grown in both moist medium and transitional altitude areas
178. KH500-49A	KH500-49A	2010		KARI	KARI-Muguga South	1400-1800	4-5	6-7	• Resistant to MSV, GLS and Turcicum blight • Dual purpose (49% DM above commercial hybrids) • Intermediate –dent grains • Medium size cobs • Grown in medium altitude transitional areas

179. WH406	WH406	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	1000 - 1700	5 - 6	6 - 8 tons/ha	• V. good tolerance to MSV, GLS and Blight • Strong Green stem at harvest , use as cattle fodder
180. WH003	WH003	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	0 - 1000	3 - 4	5 tons/ha	• V. good Tolerance to MSV/GLS • Good tolerance to Drought and • low nitrogen
181. Wh605	Wh605	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	High potential zone 1500-2100m.a.s.l	5-6 months	6-9 tons/ha	• Good tolerance to MSV, GLS and Blight • Strong Green stems at harvest us as cattle fodder. • Good tolerance to low Nitrogen
182. WH404	WH404	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	Medium altitude zone 1000-1700 m.a.s.l	5-6 months	6-8 tons/ha	• V. good tolerance to MSV, GLS and blight • Strong Green stem at harvest used as cattle fodder.
183. 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 months	4-6 tons/ha	• V. good tolerance to MSV/GLS. • Good tolerance to Drought and Low Nitrogen. • Suitable for short 2nd season planting.
184. WH602	WH602	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	High potential zone 1500-2000 m.a.s.l	5.5-6.5 months	7-10 tons/ha	• Tolerant to MSV, GLS and Rust • Tolerant to drought and Low nitrogen • Tolerant to lodging
185. WH508	WH508	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	Medium to High 1000-1700 m.a.s.l	5-6 months	6-9 tons/ha	• Tolerant to MSV/GLS and Blight • Tolerant to Drought/Low Nitrogen • Strong ever Green stems at harvest
186. WH507	WH507	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	Medium to High 1000-1700 m.a.s.l	5-6 months	6-9 tons/ha	• Tolerant to MSV/GLS and Blight • Tolerant to Drought/Low Nitrogen • Strong ever Green stems at harvest
187. WH401	WH401	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	Medium potential zone 0-1500 m.a.s.l	4-5 months	5-7 tons/ha	• Tolerant to MSV/GLS and Blight • Tolerant to Drought and Low Nitrogen.
188. WH402	WH402	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	Medium to Late 0-1700 m.a.s.l	4.5 – 5.5 months	5-8 tons/ha	• Tolerant to MSV/GLS and Blight • Ever Green strong stem at harvest-suitable for fodder.

189. WH301	WH301	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	0-1500 m.a.s.l	4-5.0 months	4.6 tons/ha	• Tolerant to MSV, GLS and Blight • Tolerant to Drought and Low Nitrogen • Particularly suitable for green maize
190. WH202	WH202	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	Low potential zones 0-1500 m.a.s.l	4.0-5.0 months	3-5 tons/ha	• Tolerant to MSV • Drought and Low Nitrogen • Cheaper option for farmers and • Good 2nd season crop in medium altitudes.
191. WH002	WH002	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	0-1200 m.a.s.l Coast and Lowlands	4.5-5.5months	5-7 tons/ha	• Tolerant to MSV,GLS and Blight • Tolerant to Drough and Low Nitrogen • Suitable for 2nd season planting.
192. WH101	WH101	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	0-1500 m.a.s.l Lowlands and Transitional	3.5-4.5 months	4-5 tons/ha	• Tolerant to MSV, GLS & Blight • Tolerant to Drought and Low Nitrogen • Suitable for 2nd season planting
193. 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 tons/ha	• Tolerant to MSV, GLS • Tolerant to Drought • Suitable for 2nd season planting
194. WSQ104	WSQ104	2010		Western Seed Co. Ltd	Western Seed Co. Ltd	0-1200 m.a.s.l Lowlands and Transitional	3-3.5 months	2-4 tons/ha	• Quality protein maize (QPM) • Tolerant to MSV, GLS and blight • Tolerant to Drought.
195. 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 months	6 tons/ha	• Tolerant to MSC, GLS and Rust • Tolerant to drought and Low Nitrogen • Resistant to Striga
196. KSH6219	KSH6219	2010		Kenya Seed Co. Ltd	Kenya Seed Co. Ltd	1500 - 2100	6-7	10 – 15.5tons/ha	• Resistant to grey leaf spot • Resistant to both root and stem lodge • Big semi – flint kernels
197. KSH527	KSH527	2010		Kenya Seed Co. Ltd	Kenya Seed Co. Ltd	1200 - 1500	4-5	8-10tons/ha	• Resistant to Grey leaf Spot • Resistant to Blight • Resistant to rust
198. KS-6505	KS-6505	2010		Kenya Seed Co. Ltd	Kenya Seed Co. Ltd	1350-1700	6-7	6-8 tons/ha	• Resistant to grey leaf spot • Excellent husk cover • Flint kernels
199. KS-6506	KS-6506	2010		Kenya Seed Co. Ltd	Kenya Seed Co.	1350-1700	5-6	7.5-10	• Resistant to Grey leaf spot

					Ltd			tons/ha	• Short and resistant to lodging
200. EMB 0702	KH523-1 LGB	2011	N/A	KARI-EMBU	KARI	1200-1800	4-5	6	• Larger Grain Borer (LGB) And Maize Weevil Tolerant • (Post Harvest Insect Pests) Tolerant
201. EMB 0703	KH523-2 LGB	2011	N/A	KARI-EMBU	KARI	1200-1800	4-5	5	• Stem Borer Resistant
202. PEX 602	PAN 7M-81	2011	Zambia-2010 Zimbabwe-2010	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
203. PEX 702	PAN 693	2011	Zambia-2009 Zimbabwe-2010	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
204. PEX 703	PAN 8M-93	2011	Zambia-2009 Zimbabwe-2009	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
205. 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 Areas:- Trans-Nzoia, Kericho, Nandi, Nakuru, Kisii, Uasin Gishu, all Tea	6-8 months	-	• A Double cross hybrid • High grain yield of 9.92% above the mean of checks (H614D, H6213, H628, H626 and H627). • Resistant to ear-rots. • Tolerant to leaf blight, rust and GLS.

						zones in East Africa.			
206. 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. Areas:- Coastal strip- Malindi, Mtwapa, Mombasa, South Coast and Lake Basin	4-5 months	-	• A three-way cross hybrid. • High grain yield of 11.91% above the mean of checks (KS-PH1, PH). • Heat tolerant. • Tolerant to leaf rust.
207. KATEH2007-3	KH414-4 SBR	2011	N/A	KARI-KATUMANI	KARI	900-1600	4	4	• Stem Borer Resistant
208. SC05C8575	SC Tembo 75	2012	Zimbabwe 2009	Agri Seed Co Ltd	Agri Seed Co Ltd	1200 to 1800 (Kakamega region)	5 months	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 • Uniform cob placement - Easy for combine harvester
209. SC05C8480	SC Simba 63	2012	Zimbabwe 2009	Agri Seed Co Ltd	Agri Seed Co Ltd	900 to 1400 (Embu region)	4 months	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 • High yields - Average of 7-9 tonnes per Ha; MSV tolerance
210. MTPEH200803	KH125-01 SG	2012		KARI	KARI Katumani	15-1600	4 months	6.2	• Wide adaptation, Staygreen, High yield, resistance to GLS, MSV
211. MTPEH200804	KH125-02 MDR	2012		KARI	KARI Katumani	15-1000	4 months	6.4	• High yield, resistance to GLS, MSV
212. MTPEH200805	KH125-03 SG	2012		KARI	KARI Katumani	15-1000	4 months	6.1	• Drought Tolerant, High yield, resistance to GLS, MSV, Staygreen
213. MTPEH 0701	KH125-04 PhPR	2012		KARI	KARI-Mtwapa	Coastal lowlands (0-1000)	4-5 months	6	• Postharvest pest resistant (larger grain borer and maize weevil)
214. MTPEH 0702	KH125-05 PhPR	2012		KARI	KARI-Mtwapa	Coastal lowlands (0-1000)	4-5 months	5	• Postharvest pest resistant (larger grain borer and maize weevil)
215. MTPEH 0703	KH125-06 SBR	2012		KARI	KARI-Mtwapa	Coastal lowlands (0-1000)	4-5 months	6	• Stem borer resistant
216. DKC90-89	DKC90-89	2012		Monsanto (K) Limited	Monsanto Inc.	900 -1700	3.5 - 4.5 months	7 - 10	• High stable yield • Profilic • Good standability • Good flint type quality grain
217. ZE9071	DKC90-	2012		Monsanto (K) Limited	Monsanto Inc.	900-1800	4 -5	6 - 8	• GLS tolerant

	53						months		• Profilic • Exceptional grain quality (flint); yield stability • Good standability
218. PEX 501	PAN 4M-15	2012		PANNAR	PANNAR	1200-1700	4.0-4.5 months	7-8	• Very good tolerance to leaf diseases-blight, gls, rust, msv • Tolerance to cob rots therefore more usable ears • Drought tolerant.
219. PEX 704	PAN 6M-55	2012		PANNAR	PANNAR	1500-2000	4.5-5.0 months	9-11	• Good husk cover • Excellent standability • Good tolerance to leaf diseases.
220. X6C461W	P2859W	2012		Pioneer Seeds	Pioneer seed	1000 - 1600	3- 4 months	7 to 9	• Excellent resistance to gray leaf spot • Very good stability across environments • Good performance in drought conditions & low nitrogen environments • Improved standability
221. X7A344W	P3812W	2012		Pioneer Seed	Pioneer Seed	1200 - 1800	4.5 - 5 months	9-11	• Very good tolerance to maize steak virus • Excellent resistance to gray leaf spot • Improved yield and grain quality • Good standability
222. KAT021-13-28	MITUKI (KDH 3)	2012		KARI/DSL	Dryland Seed Ltd	Low land (0-1200 masl)	2.5 months	5 - 6	• Early/Drought Tolerant • Torelant to GLS and MSV
223.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 T/ha	• A three- way cross hybrid • Early, high yielding • Drought tolerant. • Resistant to GLS, blight and rust.
224.KSDV08-2	KSD-01	2013		Kenya Seed Co.	Kenya Seed Co.	800-1300	2-3	4-6 T/ha	• Open pollinated variety

						m.a.s.l Arid and sem arid regions of eastern, central and Rift valley.			• Early • Drought, blight and gls tolerant.
225.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)
226.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.
227.Maseno EH10	Maseno H1402	2013		Prof. Mathews Dida	Maseno University/Prof. Mathews Dida	1300 -1700 m	4-4.5	8-11	• Resistant to Maize Streak Virus, Maize Mosaic Virus, Grey Leaf Spot, Turcicum leaf blight and tolerant to acid soils
228. 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.
229 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.
230. MU01-104	KH500-	2013		KARI	KARI-Muguga	Medium	4-5	5-6	• Medium maturity;

	41A					Altitude (1400-1600): Embu, Kiambu, Nyeri, Meru, Bomet, Bungoma, Siaya, Busia			• Resistant to MSV, GLS, Blight; • Medium sized cobs; • Intermediate-sized, white grains; Dual purpose (for food and feed).
231. 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.
233. 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	7.10	• Tolerant to drought; resistant to MSV, NCLB, and GLS diseases;
235. SC727	SC TEMBO 727	2013		Agri Seed Co Ltd	Agri Seed Co Ltd	1200 to 1800	5	9-12	• Good standability • MSV tolerance • High shelling percentage
236 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
237 SC529	SC Punda Milia 529	2013		Agri Seed Co Limited	Agri Seed Co Ltd	600 to 1200	3.5 to 4	6-9	• Good tip cover • Tolerant to air borne diseases - GLS, HT, Rust
238. 06C4100	SC Duma	2013		Agri Seed Co Limited	Agri Seed Co	400 to 1200	3 to 3.5	6-9	• Drought tolerance

	45				Ltd				• Tolerant to air borne diseases - GLS, HT, Rust
239 07C3267	SC Duma 47	2013		Agri Seed Co Limited	Agri Seed Co Ltd	400 to 1200	3 to 3.5	6-9	• Drought tolerance • Tolerant to air borne diseases - GLS, HT, Rust
240. CKIR04002	PAMUKA 2	2014		KARI	KARI-Katumani	1000 -1600	3.6 – 4.3 (110 – 130 days)	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
245. CKIR04003	PAMUKA 1	2014		KARI	KARI-Katumani	1000 -1600	3.5-4.3 (105 – 130 days)	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
246. 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
247. 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
248. 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
249. EASH906	MH501	2014		East African Seed Company Limited	East African Seed Company Limited		135-140 Days	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.
250. 05C5561	SC SIMBA 67	2014		SEED CO LTD	AGRI SEED CO (K) LTD.		4 – 4.5 Months	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.
251. 05C7	SC TEMBO 79	2014		SEED CO LTD	AGRI SEED CO (K) LTD.		4.5 – 5.5 Months	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.
252. 04C3448	SC DUMA 413	2014		SEED CO LTD	AGRI SEED CO (K) LTD.		3 - 3.5 Months	5 – 7	• Tolerant to drought and heat • Tolerant to MSV; Blight and GLS

									• High shelling percentage • Good tip cover. • Good standability.
253. DK6815	DK6815 (EH6716)	2014		Monsanto	Monsanto		3-4 months	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.
254. 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 months	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
255. EH10271	KH600-26	2015		KALRO	KALRO-Kitale	Mt. Elgon slopes,Trans-Nzoia, West Pokot, Uasin Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua,Kakamega, Nakuru, Bungoma	6-8 months	10.85-14.5	• Well established roots • Strong stalks • Less rotting • Good husk cover • Resistance to blight, rust and GLS • Early maturity • Reduced ear height
256. EH11271	KH600-27	2015		KALRO	KALRO-Kitale	Mt. Elgon	6-8	10.9-14.8	• Well established roots

						slopes,Trans-Nzoia, West Pokot, Uasin Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua,Kakamega, Nakuru, Bungoma	months		• Strong stalks • Less rotting • Resistance to blight, rust and GLS • Drooping ears • Top cross- hence wide genetic base
257. FRC 425IR	FRC 425IR	2015		Freshco	Freshco/CIMMYT	Siaya, Homa Bay, Busia, Kisumu, Migori, parts of Kakamega and Bungoma that are infested with the striga weed.	3-4 months	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. •
258. 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 months	4.9-9.4	• Wide adaptation • Stay-green • Resistance to GLS, MSV • Good ear cover; good standability
259. KATEH2011-04	KDH414-06 (Ukamez-2)	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 months	4.5-7.0	• Single cross Hybrid • Wide adaptation • Stay-green • Resistance to GLS, MSV • Good ear cover • Good standabilityGood plant and ear aspects
260. KATEH2011-05	KDH414-07 (Ukamez-3)	2015		KALRO	KALRO-Katumani	800-1600 Metres a.s.l: Dry Mid Altitude and Transitional and	3.6-4.5 months	4.4-9.3	• Drought tolerant, • Three-way Hybrid • Resistance to GLS, MSV • Good ear cover • Good husk cover

						Drought-prone areas of Eastern Kenya			• Good plant and ear aspects
261. KATEH2011-07	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 months	4.6-8.2	• Drought tolerant, • Three-way Hybrid • Resistance to GLS, MSV, Good ear cover • Good husk coverGood plant and ear aspects
262. KATEH2011-10	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 months	3.5-5.0	• Drought tolerant • Three-way Hybrid • Resistance to GLS, MSV • Good ear cover • Good husk coverHeat sensitive
263. DSLH103	SAWA	2015		CIMMYT/DSL	Dryland Seed Ltd	transitional areas/ Altitude 700-1400 m asl	3.6-4 months	6-8	• drought tolerance, GLS & MSV resistant, Semi-dent white grain
264. 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 months	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
265. WE2110	WE2110	2015		AATF/CIMMYT	KALRO/CIMMYT	Recommended for growing in the transitional region of lower and upper	4.5-5.0 months	4.2.-9.1	• Drought tolerant • Good husk cover • Resistant to GLS and northern Leaf bright • Resistant to Maize streak virus (MSV)

						eastern, central and Nyanza regions			• Flint-like grain texture
266. 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 months	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
267. 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 months	4.8-9.2	• Drought tolerant • Good husk cover • Resistant to GLS and northern Leaf bright • Resistant to Maize streak virus (MSV) • Dent-like grain texture
268. 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 months	4.8 t/ha	• Ultra early • Good husk / tip cover hence reduced ear rots. • GLS tolerance lodging. • High shelling percentage
269. PEX 4405	PAN 3M-01	2015		PANNAR SEED (PTY) LTD	PANNAR SEED	900-1400 m ASL	3-3.5 months	4.8 t/ha	• Very early, good husk cover, good standability, flint, tolerant to leaf

					(PTY)LTD				diseases.
270. PEX 5503	PAN 6777	2015		PANNAR SEED (PTY) LTD	PANNAR SEED (PTY)LTD	1200-1800m ASL	4-5 months	7.1t/ha	• Good standability, double cobber, ear rot and rust tolerant, widely adaptable.
271. MU07-018	KH500-51A	2015		KALRO	KALRO MUGUGA	Altitude:1400-1600 m ASL Embu, Kiambu, Nyeri, Meru, Bomet, Bungoma, Vihiga, Siaya	5-6 months	6.51 t/ha	• MSV, blight and GLS resistant, flint like to intermediate grains, medium to large sized cobs, white grains
272.EMB225	K-BEST	2015		KALRO	KALRO EMBU	Zones:UM_1-UM_4 Altitude:1000-1800 m ASL Embu, Kirinyaga, Nyeri, Kakamega, Homabay Kisii, Kiambu, Vihiga Kwale, Meru	3-4 months	4.63 t/ha	• Blight,rust, MSV resistant
273. EMB226	EMBU POA	2015		KALRO	KALRO EMBU	Zones:(UM_1-UM_4) Altitude;1200-1800 m ASL Embu, Kirinyaga, Nyeri, Kakamega, Homabay, Kisii, Kiambu	3-4 months	6.51 t/ha	• Good husk cover, stay green characteristic and tolerant to blight
274. MU08-005	KH500-52A	2015		KALRO	KALRO MUGUGA	Altitude:1200-1400 m ASL Kangundo, Muranga, Thika, Mwea, Embu, Homa Bay, Bomet, Kirinyaga, Meru, Narok	4-5 months	4.39 t/ha	• Early maturing • MSV, blight and GLS resistant • Drought tolerant • Flint like to intermediate grains,

275. 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 months	5.05 t/ha	• Early maturing • MSV, blight and GLS resistant • Drought tolerant • Flint like to intermediate grains,
276. WE2101	WE2101	2015		CIMMYT/ AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5 months	6.91 t/ha	• Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
277. WE2104	WE2104	2015		CIMMYT/ AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5 months	6.74 t/ha	• Rresistant to gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
278. WE2107	WE2107	2015		CIMMYT/ AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5 months	7.16 t/ha	• Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
279. WE2108	WE2108	2015		CIMMYT/ AATF	KALRO/CIMMYT	Mid altitude Areas of Kenya	4.5 months	6.81 t/ha	• Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
280. WE3101	WE3101	2015		CIMMYT/ AATF	KALRO/CIMMYT	Early to transitional areas	4 months	5.37 t/ha	• Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
281. WE3102	WE3102	2015		CIMMYT/ AATF	KALRO/CIMMYT	Early to transitional areas	4months	5.22 t/ha	• Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
282. WE3104	WE3104	2015		CIMMYT/ AATF	KALRO/CIMMYT	Transitional areas	4 months	5.60 t/ha	• Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus

									• It has good husk cover and good plant and ear aspects
283. WE3105	WE3105	2015		CIMMYT/ AATF	KALRO/CIMMYT	Coastal region of Kenya.	4 months	6.31 t/ha	• Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
284. WE3106	WE3106	2015		Monsanto/ AATF	KALRO/CIMMYT	Early to transitional regions of kenya	4 months	3.28 t/ha	• Resistant gray leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects
285. WE1203	WM1203	2015		Monsanto/ AATF	Monsanto	Mid - Altitude areas	4 months	6.63 t/ha	• Good adaptability, excellent ear phenotype.
286. WE1254	WM1254	2015		Monsanto/ AATF	Monsanto	Mid - Altitude areas	4 months	6.10 t/ha	• Good adaptability, excellent ear phenotype.
287. WE1259	WM1259	2015		Monsanto/ AATF	Monsanto	Mid - Altitude areas	4 months	6.60 t/ha	• Good adaptability, excellent ear uniformity.
288. WE3201	WE3201	2015		Monsanto/ AATF	Monsanto	Mid - Altitude areas	4.5 months	6.45 t/ha	• Good adaptability, and excellent ear uniformity.
289. WE3202	WE3202	2015		Monsanto/ AATF	Monsanto	Mid - Altitude areas	4 months	5.63 t/ha	• Good adaptability, ear uniformity.
290. 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 months	3.93 t/ha	• Early maturing, semi-flint, tolerant to Maize rust, Grey Leaf Spot and Maize Blight
291. WE4108	WE4108	2016		CIMMYT/ AATF	KALRO-Katumani	Recommended for growing in the dry transitional to dry-mid altitude regions of lower and upper	3-4 months	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

						eastern, Central, Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya			
292. 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 months	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
293. 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,	3-4.5 months	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

						Kangundo,Mwea, and Kianjai) Thikaand Nyanza (Homabay) Kenya			
294. WE4115	WE4115	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 months	5.5-6.1	• 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
295. 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 months	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
296. WE3205	WE3205	2016		Monsanto/ AATF	KALRO-Katumani	Recommended for growing in the moist medium	4-5 months	6.3-6.5	• The hybrid is drought tolerant, resistant to major leaf diseases such as gray

						and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya			leaf spot, Turcicum leaf blight and maize streak virus • It has good husk cover and good plant and ear aspects • High grain density and ear flex • Early maturing
297. 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 months	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
298. 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 Wambugu) Kenya	4-5 months	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

299. 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	120-150 days	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 • Early maturing
300. 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 months	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
301. ZG8781	DKC81-81	2016		Monsanto Kenya Limited	Monsanto Inc	Med ium Altitude (1400 – 1600): Embu, Kiambu, Nyeri, Meru, Bomet,Bungoma, Siaya, Busia)	4-5 months	7.6-8.0	• Very good tolerance to Maize streak virus • Moderate tolerance to Puccinia sorghii (common rust), Cercospora zea-maydis (Grey Leaf spot) and Hermothsporium turcicum (leaf blight) • Highly prolific and good standability
302. 07C2602	SC Tembo711	2016		Seed Co Ltd	Agri Seed Co Ltd	1200 to 1800 meters above sea level e.g. Kisii; Kericho; Bomet;	4.5 – 5.5 months	7.5-9.3	• Helminthosporium turcicum blight tolerance. • Grey Leaf Spot and Maize Streak Virus tolerance • High shelling percentage

						Kakamega; Busia; Nakuru; Nyamira; Yala; Bungoma			• Good husk / tip cover • Good standabilty hence reduced lodging.
303. 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 months	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
304. Maseno EH12	Ocha 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 Months	4.0-7.5	• Tolerant to Striga weed (S. hermomthica), • Tolerant to Maize Streak virus, Turcicum leaf blight.
305. 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 Months	5.3-7.8	• Tolerant to Striga weed (S. hermomthica), • Tolerant to Maize Streak virus. Turcicum leaf blight.
306. CKHRM1202	PRESTIGE STRIGA	2016		ELGON Seed Company	CIMMYT	Striga infested regions in Western Kenya	4-4.5 months	5.2	• Herbicide (Imazapyr) resistant maize for control of Striga.

	WAY 01					such as Busia, Nyahera, Kibos, Alupe, Homabay, Luanda			
307. 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 months	5.0-5.2	• Herbicide (Imazapyr) resistant maize for control of Striga.
308. Maize Early	WE4140	WE4140	2016	CIMMYT/ AATF	KALRO-Katumani/ CIMMYT	For dry low and transitional to dry-mid altitude regions	90-100 Days	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
309. Maize Early	WE4141	WE4141	2016	CIMMYT/ AATF	KALRO-Katumani/ CIMMYT	For dry low and transitional to dry-mid altitude regions	90-100 Days	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
310. Maize Early	WE4142	WE4142	2016	CIMMYT/ AATF	KALRO-Katumani/ CIMMYT	For dry low and transitional to dry-mid altitude regions	90-100 Days	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
311. Maize Midlate	KM1201	KKH635	2016	KALRO	KALRO Kakamega	Medium to mid-Late (upper Midland AEZ)	150-160 days	9 - 11	• Resistant to blight and GLS

						Altitude: 1600 to 1800m asl			
312. Maize Early	X35F962 W	P2809W	2016	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	105 – 115 days	9.0	• Excellent grain texture (Flint) • Stable hybrid • Good MSV tolerance • Good cob rot tolerance • Quick dry down
313. Maize Transitional	MU10-233	KH500-55A	2016	KALRO	KALRO Muguga	Moist -transition 1200-1600m asl	90-120	6-7	• Early maturity, MSV and GLS Resistant, drought tolerant, flint like to intermediate grains, medium sized cobs, white grains
314. Maize Medium	MZ1202	H 529	2016	Kenya Seed Company	Kenya Seed Company	Medium AEZ'S 1200 -1500 masl	130 – 145 days	8 - 9	• Drought tolerance, MSV and foliar disease tolerance, Flint grains
315WE5117	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	105-125 days	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
316.WE5120	WE5120	2017		CIMMYT/AATF	KALRO-Katumani	Dry transitional to dry-mid altitude regions of lower and upper	105-125 days	3.8-7.4	• The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize

						eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, Mogotio, Rwika and Salama) Kenya			streak virus • It has good husk cover and good plant and ear aspects
317.WE5107	WE5107	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	105-130 days	3.7-7.2	• 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
318.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	105-130 days	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

319.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 (Homabay) Kenya	105-130 days	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
320.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	105-130 days	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
321.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	105-130 days	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

322.WE5227	WE5227	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	105-130 days	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 • It has good husk cover and good plant and ear aspects
323.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	105-130 days	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
324.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	105-130 days	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

325.WE5213	WE5213	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	105-130 days	7.5-9.6	• 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
326.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	105-130 days	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
327.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	105-130 days	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

328.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	120-150 days	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
329.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	120-150 days	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
330.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	120-150 days	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

331.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	105-130 days	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
332.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	105-130 days	4.0-6.5	• Drought tolerant • Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
333.WE5139	WE5139	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	105-130 days	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

334.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	105-130 days	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
335.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	90-100 Days	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
336.KATEH14-05	KDH414-12 (Ukamez 7)	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,	90-100 Days	4.3- 7.8	• Early maturing • Drought tolerant • Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus • Stay green

						Masongaleni, mogotio, Rwika and salama)			
337.FRC1202	FH-1202	2017		Freshco Kenya Ltd	CIMMYT	Dry transitional to dry-mid altitude	90-120 days	8-10	• Resistant to GLS and maize streak virus • Has good husk cover
338.Progene X5-5	Progene FH-1205	2017		Freshco Kenya Ltd	Progene Seeds-Zimbabwe	Dry transitional to dry-mid altitude	90 days	8-10	• Resistant To GLS, MSV, and leaf Blight, • Has good husk cover
339.Progene X5-8	Progene FH-1208	2017		Freshco Kenya Ltd	Progene Seeds-Zimbabwe	Dry transitional to dry-mid altitude	120-135 days	8-10	• Resistant to GLS and MSV • Has good husk cover
340.CKH08069	Shukran-16	2017		KALRO	CIMMYT/ KALRO MTWAPA	COASTAL LOWLANDS (CL) 2, 3 and 4	120 days	6.0-7.5	• Drought tolerant and Tolerant to foliar diseases
341.CKH122114	SIFA	2017		Dryland Seed Company/CYMMIT	Dryland	Medium Altitude (1200-1800 masl)	100-110 days	7-9	• Drought tolerance • Tolerance to TLB, GLS and Common rust
342.CKH10778	KH500-54A	2017		KALRO/CIMMYT	KALRO MUGUGA	Mid-Late-1600-1800 M ASL Kakamega, Bungoma, Kitale, Kericho, Nandi, Vihhiga, Yala, Busia	150-180	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

343.KM1101	KH500-56A	2017		KALRO	KALRO MUGUGA/KA KAMEGA	Mid-Late-1600-1800 M ASL Kakamega, Bungoma, Kitale, Kericho, Nandi, Vihhiga, Yala, Busia	150-180	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
344.CKH143975	TS401	2017		Topserve EA Ltd	CIMMYT	Dry transitional to dry-mid altitude	120-140 days	7-8.5	
345.EMH1101	KH500-13E	2017		KALRO	CIMMYT & KALRO Embu	Dry transitional to dry-mid altitude	120 days	5.5-7	• Drought tolerant • Tolerant to foliar diseases and ear rots
346.MRI 594	SY 594	2017		MRI Seed Zambia limited, Lusaka, Zambia	MRI Seed Zambia limited;, Lusaka, Zambia	Medium Altitude & Transition zones	125- 140 days	10-12	• GLS & rust tolerance and medium Turcicum tolerance, ear rot tolerance, especially Diplodia
347.10C2738	SC Duma 419	2017		Seed Co Limited	Seed Co Kenya (Agri Seed Co Limited)	Medium Altitude & Transition zones	105-120 days	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

348.10C8447	SC Pundamilia 545	2017		Seed Co Limited	Seed Co Kenya (Agri Seed Co Limited)	Medium Altitude & Transition zones	105-120 days	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
349.11C86	SC Simba 649	2017		Seed Co Limited	Seed Co Kenya (Agri Seed Co Limited)	Medium & Altitude Mid-late zones	135-150 days	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
350.H12ML1	H6506	2017		Kenya Seed Co. Ltd.	Kenya Seed Co. Ltd.	Medium altitude/transitional late	120 – 135 Days	6 – 7	• 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.

351. H13M2	H6507	2017		Kenya Seed Co. Ltd.	Kenya Seed Co. Ltd.	Mid late altitude-late	140 – 150 Days	8	• Low ear placement; GLS tolerant • Llarge intermediate kernels • Drought tolerant.
352.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.	135-140 days	7-9 (t/ha)	• 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).
353.X28F 421W	PAN 3M-05	2018		Pioneer Cooperation Overseas	Pioneer Cooperation Overseas	Meduim Dry Machakos, Makueni, Kitui, Tharaka nithi, Siaya, Homabay	110-120 days	2-9 t/ha (2 t/ha under severe drought conditions and 9t/ha under optimal conditions).	• Improved yield for its maturity under optimal conditions • Good standability • Grain quality is semi-flint • Good Common Rust tolerance • Good Head Smut resistance • Maize Streak Virus tolerant • Drought tolerant
354.CKH 13605	ADV2304 W	2018		Advanta Seed International	Advanta Seed International	Medium altitude (1400 - 1600 meters above sea level	4 - 5 months	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
355.CKH 143960	ADV2308 W	2018		Advanta Seed International	Advanta Seed International	Moist transitional and Moist mid altitude regions	4 months	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
356.WE7118	WE7118	2018		AATF	KALRO/CIMMYT	Transitional to mid-late maturity (1000-1500M) (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika)	120-150 Days	5.5-6.0	• The hybrid is MLN tolerant (2) • 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
357.WE7119	WE7119	2018		AATF	KALRO/CIMMYT	Transitional to mid-late maturity (1000-1500M) (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika)	120-150 Days	5.5	• The hybrid is MLN tolerant (2.5), • 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
358.WE6109	WE6109	2018		AATF	KALRO/CIMMYT	Transitional to mod-late maturity (500-1000M) (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika)	90-100 Days	7.0	• 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
359.KATEH16-01	KALZm-H4-301	2018		KALRO	KALRO-Kabete	Transitional to mid-late maturity (1000-2200M) (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea,	120-150 Days	6.5-7.7	• The hybrid is MLN tolerant (2.04) • Drought tolerant (High yielder under optimum and drought conditions) • Resistant to maize streak virus • It has good plant and ear aspects and double cobber

						Bomet, Narok and Thika)			
360.KATEH16-02	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)	90-120 Days	5.9-6.7	• The hybrid is MLN tolerant (1.71) • Drought tolerant (High yielder under optimum and drought conditions) • Resistant to maize streak virus • It has good plant and ear aspects and good husk cover
361.KATEH16-03	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)	120-150 Days	5.5-6.1	• The hybrid is MLN tolerant (1.7), • 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 • It has good plant and ear aspects and good husk cover
362.KATEH14-02	KALZm-H3301	2018		KALRO	KALRO-Kabete	Growing in the dry low and transitional to dry-mid altitude regions (500-1000M)	90-120 Days	4.7	• The hybrid is early maturing • Drought tolerant • Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus
363.WE7117	WE7117	2018		AATF	KALRO/CIMMYT	Transitional to mid-late maturity (1000-1500M) (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea	120-150 Days	5.4-6.0	• The hybrid is MLN tolerant (2) • 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

						andThika)			
364.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**	**135-140 Days**	**6-8**	▪ **Good grain texture (White semi-flint grains)** ▪ **Uniform cob placement(Good for mechanized operations)** ▪ **Good milling quality** ▪ **Strong stalks (Reduced lodging)** ▪ **Drought tolerant**
365.11C3330	**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.**	**135 to 150 Days**	**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**
366.CKMLN150074	**SC DUMA 441**	**2019**		**SEED CO / CIMMYT**	**SEED CO / CIMMYT**	**Altitude: 100-1200 m.a.s.l AEZ: ; LM1-4; L3-4, CL3 Examples:Mugugga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni.**	**105 to 120 Days.**	**6-7**	▪ **Tolerant to MLND (score of 1-3 in the scale of 1-9)** ▪ **Good standability hence less lodging** ▪ **Tolerant to leaf diseases like blight, MSV and GLS** ▪ **Drought tolerant hybrid**

367.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**	**120-150 days**	**6.4-9**	▪ **Semi Flint** ▪ **Stable hybrid** ▪ **Good MSV, Leaf blight and GLS tolerance** ▪ **Good cob rot tolerance** ▪ **Very good husk cover**
368.WE6108	**WE6108**	**2019**		**AATF**	**KALRO/ CIMMYT**	**Altitude: 100-1500 masl Examples: Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika**	**120-150 Days**	**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**
369.WE6110	**WE6110**	**2019**		**AATF**	**KALRO/ CIMMYT**	**Altitude: 100-1500 masl Examples: Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika**	**120-150 Days**	**5-6**	▪ **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**
370.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**	**100-120 days**	**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**

371.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**	**120-150 days**	**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**
372.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**	**120-150 days**	**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**
373.WE6106	**WE6106**	**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**	**120-150 days**	**5-6**	▪ **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**
374.CKDHH15008	**ADV2309 W**	**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**	**120-150 days**	**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**

						Wambugu			
375.CKDHH15064	**ADV2310 W**	**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**	**120-150 days**	**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**
376.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:Mugugua, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni.**	**105 to 120 Days.**	**6- 8**	▪ **Drought tolerant** ▪ **Early maturing** ▪ **Good standability** ▪ **Good husk cover**
377.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**	**120-150 Days**	**6.5-8**	▪ **Drought tolerant** ▪ **Early maturing** ▪ **Good standability** ▪ **Good husk cover** ▪ **Double cobber**

378. 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**	**90-110 days**	**6.5 -7.5**	**Flint grain Good ear rot tolerance Drought tolerant Good common rust tolerance**
379.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, Muguga, Bungoma**	**90-100 days**	**6.5 -7.5**	▪ **Flint grain** ▪ **Drought tolerant** ▪ **Medium prolific potential** ▪ **Good standability**
380.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**	**110-120 days**	**6.5 -7.5**	▪ **Flinty grain** ▪ **Low prolificacy** ▪ **Good standability** ▪ **Drought tolerant**

381.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**	**110-120 days**	**7.5-8.5**	▪ **Average ear rot tolerance;** ▪ **Average standability;** ▪ **Drought tolerant** ▪ **low prolificacy**
382.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**	**3-4months**	**6-8**	▪ **Grain-semi flint** ▪ **Tolerance to MSV** ▪ **Drought tolerant** ▪ **Good husk cover** ▪ **Good cob placement**
383.X30M355W	**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**	**3-3.5months**	**6-8**	▪ **Good grain quality** ▪ **Tolerance to MSV** ▪ **Drought tolerance** ▪ **Good cob placement**
384.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**	**3-4months**	**6-8**	▪ **Good grain quality** ▪ **Tolerance to MSV** ▪ **Good cob placement** ▪ **Drought tolerant** ▪ **Good husk cover**

385.PAN 7M-83	**PAN7M-83**	**2020**		**PANNAR SEED**	**PANNAR SEED**	**Altitude:1200-1500m AEZ:UM1-4 Sites:kakamega,Nyeri,Nakuru,Kirinyaga,Bungoma, Vihiga,Bomet,Kisii**	**4-5months**	**7-9**	▪ **Good grain quality** ▪ **Tolerance to MSV** ▪ **Good husk cover** ▪ **Tolerance to cob rots**
386.15C25488	**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 Months**	**5 -6**	▪ **Good standability hence less lodging** ▪ **Drought tolerant** ▪ **Tolerant to MLND** ▪ **3-Way Hybrid**
387.16C37289	**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 Months**	**5-5.5**	▪ **Highly tolerant to cob diseases like diplodia and fusarium cob rots** ▪ **White grain** ▪ **Tolerant to MLND** ▪ **Drought tolerant** ▪ **Single Cross Hybrid**
388. 12CK1	**SC 801**	**2020**		**Seedco**	**Seedco**	**Altitude – 1400 to 1800 masl AEZ: LH 1-3, UM 1-2 Sites: Bungoma,**	**5.5- 6.0 Months**	**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.**

						Kakamega, Kapsabet, Nakuru, Kitale, Eldoret, Kabianga.			▪ **White grain – 3W Hybrid.** ▪ **Moderate Resistance to cob diseases like diplodia and fusarium cob rots.** ▪ **Highly tolerant to GLS and leaf blight**
389. 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, Bomet, Nyamira, Narok, Njoro, Bukura**	**140-180 days**	**9.0-10**	▪ **Excellent Ear rot tolerance,** ▪ **Excellent GLS tolerance;** ▪ **Medium prolificacy (density dependant);**

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 months**	**-**	• **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**
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**

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 (days)	Seed yield (t ha^{-1})	Special attributes
1. H067	**1974**	**KARI/Kenya Seed Co.**	**KARI/Kenya Seed Co.**	**1500-2400**	**130-140**	**2-3**	• **High oil content**
2. Kenya White	**1957**	**KARI/Kenya Seed Co.**	**KARI/Kenya Seed Co.**	**1500-2300**	**160-170**	**2 - 3**	• **Average oil content**
3. Kenya Fedha	**1981**	**KARI/Kenya Seed Co.**	**KARI/Kenya Seed Co.**	**1000-2300**	**130-135**	**3-4**	• **High oil content**

4. Kenya Shaba	1981	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1000-2300	130-135	3-4	• Average oil content
5. H.894	1988	Kenya Seed Co.	Kenya Seed Co.	1500-2400	125-135	2-3	• Combines high yield with high oil content
6. H893	1988	Kenya Seed Co	Kenya Seed Co.	1500-2400	130-135	2-3	• High oil content
7. H001	1989	Kenya Seed Co	Kenya Seed Co.	1500-2400	120-125	2-3	• Early
8. H.898	1989	Kenya Seed Co.	Kenya Seed Co.	1500-2200	130-135	2-3	• High oil content
9. H8998	1992	Kenya Seed Co.	Kenya Seed Co.	900-2200	120-125	3-4	• Early, High oil content
10. PAN 7352	1994	Pannar Seed	Pannar Seed (K)	1000-2200	120-150	1.9-2.5	• High oil content Black seeds
11. PAN 7369	1994	Pannar Seed	Pannar Seed (K)	1000-2200	120-150	1.2-2	• Black seeds 44% oil content Tolerant to bird attacks
12. Kenya Almasi	2008	KARI	KARI	0-2500	120-134	1.5–2.5	•
13. KS-H4038	2008	Kenya Seed Co.	Kenya Seed Co.	1500-2300	110-120	3-3.6	• High yield, High oil content (41%)
14. KS-H4088	2008	Kenya Seed Co.	Kenya Seed Co.	1500-2300	113-130	3.6-4	• High yield, High oil content (43%)

Variety name/ code	Official variety release name	year of release in Kenya	Year of release in other countries	Owner (s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months)	Grain yield (t ha^{-1})	Oil Content (%)	Special attributes
15. KAJ 037		2010		KARI	KAR- Njoro	1800-2400	4-5	1-3.0	45	• High yielding
16. KAJ 001		2010		KARI	KARI-Njoro	1000-2000	3-4	1-2.0	43	• Early maturing
17. PAN 7031		2010		Pannar Seed (Kenya) Ltd	Pannar Seed (Kenya) Ltd	900-2200	3-4	1.5-2	45	• Very high oil content (45%) • Wide adaptability • Very uniform • Excellent standability
18. PAN 7033		2010		Pannar Seed (Kenya) Ltd	Pannar Seed (Kenya) Ltd	1000-2400	4-5	2-3	41	• Resistant to common rust • Good on downy mildew and sclerotinia • High oil content (41%) • Excellent standability
19. PAN 7034		2010		Pannar Seed (Kenya) Ltd	Pannar Seed (Kenya) Ltd	900-2200	3-4	1.5-2	43	• Good standability • High oil content (43%) • Excellent stability
20. PAN 7043		2010		Pannar Seed (Kenya) Ltd	Pannar Seed (Kenya) Ltd	1000-2400	4-5	2-3	47	• Very uniform • Very high oil content (47%) • Excellent standability • Good on sclerotinia
21. PAN 7351	PAN 7351	2012		PANNAR	PANNAR	900-2200	3-4 months	2-3		• High oil content (41%) • Widely adaptable • Uniform and excellent standability therefore ideal for combine harvesting.
22. SY4200	SY4200	2015		Syngenta E.A Ltd	Syngenta E.A Ltd	Kitale, Nakuru, Njoro and Timau	4-4.5 months	2.5-3	-	• High oil content • Highly tolerant to sclerotinia • Tolerant to downy mildew • Resistant to black rust
23. SY4045	SY4045	2015		Syngenta	Syngenta E.A	Kitale, Nakuru,	4-4.5 months	2.5-3	-	• High oil content

				E.A Ltd	Ltd	Njoro and Timau				• Tolerant to sclerotinia • Tolerant to downy mildew • Resistant to black rust
24. NK ADAGIO	NK ADAGIO	2016		Syngenta EA Ltd	Maintainer Syngenta CH. Source of varieties Syngenta private breeding program.	900- 2200 Mid	3-4 months	2-3	•	• High oil content (47.3%) • Good drought tolerance • Tolerant to Sclerotinia wilt
25.. NK KONDI	NK KONDI	2016		Syngenta EA Ltd	Maintainer Syngenta CH. Source of varieties Syngenta private breeding program.	1000-2400 Mid – Early	3-4 months	2-3	•	• Good homogeneity • Very good oil content • Low Susceptibity to Phoma, macrophoma & botrytis • Resistant to Brome Rape race E
26. NK DELFI	NK DELFI	2016		Syngenta EA Ltd	Maintainer Syngenta CH. Source: Syngenta private breeding program.	1000-2400 Early	3-4 months	2-3	•	• Good homogeneity • Very good oil content • Tolerant to promophosis • Resistant to Brome Rape race E,F
27. NX 55010 (NK NEOMA)	NK NEOMA	2018		Syngenta Ag, Basel, Switzerland	Syngenta Ag, Basel Switzerland	Transitional to medium and medium altitude	112 to 116 days	3	•	• NK NEOMA is a conventional linoleic oil type with high quality oil content. • Oil content of up to 55% • Stability 8/9 • Drought resistance 7/9 • NK NEOMA is 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	Year of release in another country / countries	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	Cameroon 2010	CIRAD/IRAD/SODECOTON*	IRAD	0 - 1650	2.5months at 0 - 500m 2.5-3 months at 1000-1650m	2	• Tolerance to Bacterial blight
3. AF0904	IRMA L484	2012	Cameroon 2010	CIRAD/IRAD/SODECOTON*	IRAD	0 - 1650	2.5months at 0 - 500m 2.5-3 months at 1000-1650m	2	• Tolerance to Bacterial blight
4. 06K486	DP 486	2012		Monsanto (K) Limited	Monsanto Inc.	0 - 1300	4-5 months	3 - 5	• High GOT; long , strong lint
5. 06K485	DP485	2015		MONSANTO (K) LTD	MONSANTO (K) LTD	0-1300 m ASL	4-5 months	1.15 t/ha	• 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 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**	**160-170 days**	**1.96 -2.29**	▪ **Medium Maturity** ▪ **Tolerant to sucking pests such as jassids and aphids** ▪ **Medium hairy leaves** ▪ **Long staple length with high fibre strength**
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**	**160-170 days**	**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**	**150-160 Days**	**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**

						Alupe			
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**	**150-160 Days**	**1.89-2.50**	▪ **Early Maturity** ▪ **Tolerant to sucking pests such as jassids and aphids** ▪ **Long staple length with high fibre strength**
12. MRC 7017 **BG-II** **Bt. Cotton**	**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**	**150-160 Days**	**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**	**160-170 days**	**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,Mat**	**150-160 Days**	**2.5 to 2.6**	▪ **Tolerant to Bollworm Complex** ▪ **Early Maturity** ▪ **Tolerant to sucking pest such as jassids and aphids** ▪ **Long staple length with high fibre strength**

						uga, Bura and Alupe			
15. MRC 7377 **BG-II** **Bt. Cotton**	**MAHYCO C 567 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**	**160-170 days**	**2.4 to 3.8**	▪ **Tolerant to Bollworm Complex** ▪ **Medium Maturity** ▪ **Tolerant to sucking pests such as jassids and aphids** ▪ **Medium Hairy Leaves** ▪ **Long staple length with high 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^{-1})	Special attributes
1. P-224	1981		KARI	KARI-Kakamega	1150-1750	3-4	2-5	• Tolerant to lodging and blast
2. Nakuru/FMI	1996		KARI - Lanet BRC	KARI- Lanet	1750-2300	5-7	2.0	• Tolerant to cold and drought
3. Kat/FM I	2000		KARI	KARI-Katumani	250-1150	3	1.0	• Drought tolerant
4. U-15 (MARIDADI)	2015		KALRO	KALRO (FCRI)-Kakamega	Western Kenya; Nyanza; Eastern counties; Rift Valley; and all Coastal counties	3 – 4 months	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, Murang'a, Kirinyaga, Nyeri**	**88 - 138**	**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**
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,**	**88 - 131**	**1.32 – 6.06**	• **Blast,** *Striga*, **and lodging resistant;** • **Drought tolerant;** • **Brown grain colour,** • **Purple, leaf, stem, nodal, ad panicle pigmentation** • **Erect plant type** • **Straight panicles**

					Kwale, Taita Taveta, Murang'a, Kirinyaga, Nyeri			
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**	**87 - 130**	**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**
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 Months (80-90 days)**	**3.12**	**A) Extra early maturing and 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** • **High yield in ASALs**

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**	**100-120**	**1.4-2.0**	• **Blast resistance** • **Large canopy for weeds suppression** • **Good for fodder due high tillering ability** • **Medium maturity** • **High seed weight** • **High yielding**
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**	**90-98**	**1.5-2.5**	• **Long and many and fingers (>14 compared with checks with <8 fingers)** • **Blast resistance** • **High tillering ability** • **Medium maturity** • **High yielding** • **Tolerant to bird damage due to fist fingers** • **Medium brown in color good for porridge**
12. EUFM05	**Snapping finger millet green**	**2019**	**Egerton University**	**Egerton University**	**Altitude: 800-1600 masl Examples:Alupe,Bomet, Eldama ravine,Kisii, Embu and Kimaeti**	**120 Days**	**2-3**	▪ **Has long fingers** ▪ **Can be harvested by hand** ▪ **Adaptable to sandy clay soil and loamy soil** ▪ **Early maturing**

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	"	250-1150	2	2.3	• Grain used at dough stage
3. Kat/PM – 3	2001	KARI	"	250-1150	2	1.8	• Bold grains

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 in Kenya	Year of Release in other Countiries	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
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 months	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 T/Ha	• 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 T/Ha	• Tolerance to bird damage • Tolerance to Ergot
23. MUSVT53B	RUT53	2016		Rongo University College	Western and Eastern Kenya agro-ecologies		3-4 months	2.2-3.6	• Striga tolerant, tolerant to low phosphorus, tolerant to bird damage, tolerant to acid soils, tolerant to head smut
24. MUSV NYADUNDO	NYADUNDO	2016		Rongo University College	Western and Eastern Kenya agro-ecologies		3 months	2.5 - 3.0	• Drought tolerant, tolerant to bird damage, stay green, moderately tolerant to striga and acid soil , tolerant to head smut,
25. MUSV95A	RUE95	2016		Rongo University College	Western and Eastern Kenya agro-ecologies		3 months	2.5-3.0	• Drought tolerant, tolerant to Aluminium toxicity and low available phosphorus
25. 23012	ADV23012	2016		Advanta Seeds International	Kiboko, Kitui, Rwika, Katumani, Kilima mbogo		3 months	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
26. KENSORG 11	KS-KENSORG-11	2016		ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3 Months	2-3.5	B) Drought tolerant, resistant to diseases C) It does well in Eastern & Nyanza. D) Poorly performed in Kimaeti, Bukura & Busia
27. KENSORG 12	KS-KENSORG-12	2016		ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3 Months	2-3.5	E) Drought tolerant, resistant to diseases F)
28. KENSORG 13	KS-KENSORG-13	2016		ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3-4 months	2-4	G) Drought tolerant, resistant to diseases H)
29. KENSORG 14	KS-KENSORG-11	2016		ICRSAT/ KSCO	Kenya Seed Company	200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia	3-4 months	2-4	I) Drought tolerant and resistant to diseases
30. 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 Months	2.5 - 3	J) Tolerant to bird damage due to its red seeded colour. K) Reduced lodging as a result of short stature and strong stalks. L) It has good tolerance to both drought and heat. M) Satisfactory high yield potential across a wide range of environments. N) Tolerant to leaf blight and sooty stripe. O) Suitable for malting. SDU (sorghum diastatic

									units) 26-29 (spec 25-35); Solubility 100 %(spec >90%); Moisture – 6 %(spec 5-10%)
31. 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 months	4.5	• Grain suitable for malting and brewing
32. SWEET SORG 4	KS-SWEET SORGH 4	2016		ICRSAT/ KSCO	Kenya Seed Company	250-1750 masl. Mwea, Homabay, Bungoma	81 – 97 days	2.9	P) High milling capacity
33. MSWEET SORG 14	KS-SWEET SORG 14	2016		ICRSAT/ KSCO	Kenya Seed Company	200-1750 masl Homabay,	85 – 100 days	3.83	Q) -Dual purpose, high brix yield
34. SWEET SORG 17	KS – SWEET SORG 17	2016		ICRSAT/ KSCO	Kenya Seed Company	200-1000 masl Mwea, Homabay, Bungoma	75 – 85 days	3.12	R) High stalk and juice yield and brix yield
35. SWEET SORG 21	KS – SWEET SORG 21	2016		ICRSAT/ KSCO	Kenya Seed Company	1800-1500masl Mwea , Kitui , Machakos, Kagio	90 – 130 days	3.2	S) - Brix 13.0%
36. 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 months	2 (Grain). 16% Brix, 12% total Sugars	T)This is a brown midrib sweet sorghum which is dual purpose, with sweet stems, white large grains U) Drought tolerant V) Medium maturity W) Suitable for ethanol production
37. EUSS10	EUSS10	2016		Egerton	Prof Erick	Agro ecological zone	3-4 months		

				university	Cheruiyot & Dr. James Owuoche Source: ICRISAT	lower midland to Upper Midland LM1- UM Altitude range:1200-2200		i)Grain: 1.3 ii) Stalk: 40 iii) Ethanol: 644 L/ha	X) Stalk rich in sugars fermentable Y) Good for ethanol production and animal feed
38. EUSS11	EUSS11	2016		Egerton university	Prof Erick Cheruiyot & Dr. James Owuoche Source: ICRISAT	Agro ecological zone lower midland LM1 Altitude range:1200-1500	100 days	i)Grain 2.4 ii) Stalk 44 iii) Ethanol 838 L/ha	Z) Stalk rich in fermentable sugars AA) Good for ethanol production and animal feed
39. 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	90 days	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
40. 7031	ADV7031	2018		Advanta Seeds	Advanta Seed International	Low to moderately high rainfall (450 to 750 mm annual rainfall)	69 Days to Midbloom, 115 Days to 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
41. 7450	ADV7450	2018		Advanta Seeds	Advanta Seed International	Low to moderately high rainfall (450 to 750 mm annual rainfall)	68 Days to Midbloom, 115 Days to Harvest	3.0 – 3.5	• Late maturing and high yielding cream hybrid • Semi open head type • Resistant to Greenbug pest • Excellent drought tolerance

42. 7431	**ADV7431**	**2018**		**Advanta Seeds**	**Advanta Seed International**	**Low to moderate rainfall (450 to 650 mm annual rainfall)**	**68 Days to Midbloom, 115 Days to Harvest**	**3.2 – 3.8**	• **Late maturing and high yielding cream hybrid** • **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**
43. 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**	**3.5 to 4 Months**	**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)***
44. 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**	**90 -100 Days**	**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**

16. NATIONAL BARLEY VARIETY LIST

Species: Hordeum vulgare

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. Tumaini	Tumaini	1978	EABL/ KARI	East African Breweries Ltd and KARI	2100-2400	4.5	4.3	• Malting
2. Bima	Bima	1984	EABL /KARI	East African Breweries Ltd and KARI	1800-2400	4.5	3.0	• Malting • Resistant to leaf rust (*Puccinia ho*
3. Ahadi	Ahadi	1989	EABL /KARI	Kenya Breweries Ltd	Above 2400	4.5	4.6	• Malting • Resistant to scald
4. Sabini	Sabini	1993	EABL	Kenya Breweries Ltd	Above 2100	4.5	3.81	• Moderately resistant to Scald and • Malting
5. Ngao	NGAO	1993	KBL	Kenya Breweries Ltd	1500-1800	3 - 3.5	2-9	• Early maturity
6. Bahati	BAHATI	1997	EABL /KARI	Kenya Breweries Ltd	500 - 1800	4.5	5.1	• Moderate/good resistance to Scald rust • Has strong straw • Malting
7. Karne	KARNE	2001	EABL	Kenya Breweries Ltd	1800 - 2100	4-5	4.0	• Good resistance to BYDV and Scal • Malting
8.QUENCH	QUENCH	2013	SYNGENTA	EAML & Syngenta	Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400}	6 Months	4-6	• Resistant to lodging • High malting quality
9.PUBLICAN	PUBLICAN	2013	SYNGENTA	EAML & Syngenta	Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400}	6-6.5 months	6-8	• Resistant to lodging • Disease resistant (net & spot blotc • High malting quality

10. NFC TIPPLE	**NFC TIPPLE**	**2013**	**SYNGENTA**	**EAML & Syngenta**	**Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400}**	**6 Months**	**6-8**	• **Resistant to lodging** • **High malting quality**
11.COCKTAIL	**COCKTAIL**	**2013**	**SYNGENTA**	**EAML & Syngenta**	**Mau escarpment (Mau Narok, Olkurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400}**	**6-6.5 months**	**5-7**	• **Resistant to lodging;** • **High malting quality;** • **Disease tolerant;**
12.GRACE	**GRACE**	**2015**	**EABL**	**UOE/EABL Research and GMS**	**High and Medium altitude regions (1800-2600)**	**5.5 months at high altitude/ 4.5 months 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	**ALICIANA**	**2015**	**EABL**	**UOE/EABL Research and GMS**	**High and Medium altitude regions (1800-2600)**	**5 months at high altitude / 4.5 months at low altitude**	**4-6**	• **Large grain size** • **Long ear length** • **Drooping ears** • **Tolerant to net blotch, scald** • **Resistant to lodging**
14.CERISE LAUREL	**CERISE LAUREL**	**2015**	**EABL**	**UOE/EABL Research**	**Medium and low altitude regions (500-1800)**	**4 months at low altitude**	**4-5**	• **Resistant to BYDV, Net blotch and** • **Early maturing** • **Tolerant to moisture stress**
15.RGT 2n	**Planet**	**2020**	**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 months at medium altitude, 6-6.5 months at high altitude**	**6-8**	▪ **Moderately good resistance to net blot** ▪ **High malting quality** ▪ **Resistant to lodging**

17. NATIONAL RICE VARIETY LIST

Species: Oryza sativa l.

Variety name/code	Official Release Name	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	90-100	2.5-5.5	• Aromatic • Blast tolerant • Long grains
4. NERICA 4		2009	KARI	KARI (Mwea & Kibos)	15-1700	90-112	3.2-6.5	• Blast tolerant • Long grains
5. NERICA 10		2009	KARI	KARI (Mwea & Kibos)	15-1700	86-93	3.5-6.7	• Early, Long grains • Blast tolerant
6. NERICA 11		2009	KARI	KARI (Mwea & Kibos)	15-1700	90-105	3-5	• High ratooning ability • Long grains • Tolerant to blast & drought
7. Dourado Precose		2009	KARI	KARI (Mwea & Kibos)	15-1700	95-115	2.3-5.5	• Beardless
8. Trenasse		2010	Africe seed company	Africe seed company-Malindi	0-1700	3.5-4	6.0-8.1	• Earlymaturing • 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 stemborer

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 & stemborer
10. NIBAM 10		2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	90 - 100	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	95 - 112	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	135 - 145	6 - 10	• Medium maturing, non aromatic • Long grains, tolerant to blast, awnless • No anthocyanin, high tillering capacity
13. NIBAM 109		2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	135 - 150	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	110 - 120	3.0 – 5.0	• Medium early maturing • Tolerant to rice blast & rymv • Non aromatic, long slender grain • Awnless, no anthocyanin
15.TXD306	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	Komboka	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		135-145 days	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 %)
18. KEH10005 (ARIZE TEJ Gold/ INH 11001)	ARIZE TEJ Gold	2014	Bayer Cropscience, Germany	Bayer Bioscience PVT. Ltd, India		125-135 days	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	97 days	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	102 days	8.1	• Aromatic: 90ppb Basmati 370 = 175ppb of 2-AP • The aroma component • Very high yields in high altitudes

21. S5505*AT013		**2018**	**AATF/ FreshCo**	**AATF/HEAL**	**Suited for all rice production areas in Kenya**	**99 days**	**9.3**	• **Good to excellent seed yields**
22. S5517*AT013		**2018**	**AATF/ SeedCo**	**AATF/HEAL**	**Suited for all rice production areas in Kenya**	**98 days**	**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**	**99-124**	**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**	**84-135**	**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**	**98-126**	**9.20**	• **Very high seed production values** • **Early maturing** • **High milling value** • **long slender grain**
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**	**102-129**	**9.45**	• **high seed production values** • **Hybrid variety** • **Early maturing** • **High milling value** • **long grain**

18. NATIONAL WHEAT VARIETY LIST

Species: Triticum aestivum L.

Variety name/code	Official Release Name	Year of release in Kenya	Year of Release in other Countries	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (days)	Grain yield (t ha-^{1})	Special attributes
1. Kenya Tembo	Kenya Tembo	1975		KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2100	120-140	1.3 -1.8	• Lodging resistance
2. Kenya Kongoni	Kenya Kongoni	1975		KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2700	120-140	1.3 -1.6	• Acid soil tolerant
3. Kenya Fahari	Kenya Fahari	1977		KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2400	110-130	1.1-1.6	• Resistant to Russian wheat aphid
4. Kenya Nyumbu	Kenya Nyumbu	1982		KARI/Kenya Seed Co.	KARI	1800-2100	125-145	1.3 -1.8	• Resistant to stem rust
5. Kenya Mbuni	Kenya Mbuni	1987		KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1800-2400	120-140	2.8-6.0	• High yielding
6. Kenya Kwale	Kenya Kwale	1987		KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	2100 - 2400	130	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	120-140	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	120-140	2.6-6.0	• Resistant to rust
9. Kenya Duma	Kenya Duma	1998		KARI	KARI Njoro	<1800	75-90	2.0 - 3.4	• Drought tolerant & Early maturity
10. Kenya Mbega	Kenya Mbega	1998		KARI	KARI	1800-2100	135	3.0 -6.8	• High yielding • Resistant to leaf rust
11. Ngamia	Ngamia	1998		KARI	KARI	1800-2400	90-100	1.8 -3.6	• Drought tolerant
12. Kenya Chozi	Kenya Chozi	1999		KARI	KARI	1500-1800	130-135	2.3 -5.6	• Drought tolerant
13. Kenya Heroe	Kenya Heroe	1999		KARI	KARI	2100-2400	135	3.5 - 7.2	• High yielding

14. Kenya Yombi	Kenya Yombi	1999		KARI	KARI	1800-2100	110-120	3.3 -7.0	• High yielding
15. KS Mwamba	KS Mwamba	2001		Kenya Seed Co.	Kenya Seed Co.	1500-2400	120-130	2.0-5.6	• Wide adaptation • High yield
16. Njoro BW1	Njoro BW1	2001		KARI	KARI	1800-2400	90-100	2.2-4.7	• Drought tolerant • High protein content
17. Njoro BW2	Njoro BW2	2001		KARI	KARI Njoro	1800-2400	110-120	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	116	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	119	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	3-6	• 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	N/A	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
23. KSRR4	Eagle 10	2011	N/A	KARI	KARI-NJORO	1800.2100m	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. KSRR10	Kenya Hawk12	2012		KARI	KARI-Njoro	2100-2400	120-130 days	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. KSRR5	Kenya Tae	2012		KARI	KARI-Njoro	1800-2100	100-120 days	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. KSRR6	Kenya Sunbird	2012		KARI	KARI-Njoro	1800-2100	100-120 days	6.8	• Resistance to both yellow and stem rust. High biomass • High protein content. Suitable for whole grain chapatis and baking.

27. KSRR7	**Kenya Wren**	**2012**		**KARI**	**KARI-Njoro**	**2100-2400**	**120-130 days**	**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. KSRR8	**Kenya Korongo**	**2012**		**KARI**	**KARI-Njoro**	**Below 1800**	**100-120 days**	**7**	• **White hard grain** • **Very high flour conversion with good baking qualities** • **Recommended for dry areas like Rongai and Naivasha**
29. KSRR11	**Kenya Kingbird**	**2012**		**KARI**	**KARI-Njoro**	**Below 1800**	**100-120 days**	**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 T/ha**	• **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 T/ha**	- **High yield** - **Good tilling ability** • **-72.35 extraction test** - **Medium sprouting**

									• -Stable dough
32. CHEP BW2	**Eldo Baraka**	**2014**		**University of Eldoret**	**University of Eldoret**	**1500-2700** **And as rotation crop in bimodal rainfall areas**	**3 - 4** **(90-130 days)**	**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.	120-135 days	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**	**110 – 120**	**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**	**100 – 110**	**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 growing areas: Njoro, Rongai, Endebees, Kinamba**	**110 – 120**	**8.0**	• **Amber –to – red colored hard grain; good bread making quality** • **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
37. R1286	Kenya Peacock	2016		KALRO	KALRO Njoro	2100 – 2400 MASL Examples of optimal growing areas: Mau Narok, Timau	120 – 130	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	100 – 115	8.0	• 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	110 – 120	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
40. R1305	Kenya Pelican	2016		KALRO	KALRO Njoro	2100 – 2400 MASL Examples of optimal growing areas: Mau Narok, Timau	120 – 130	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)	110 Days	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**	**110 -120 Days (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 Narok, Timau, Oljororok, Kinamba, Moiben**	**110 -130 Days (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 management will be required** ▪ **High tillering ability** ▪ **Semi dwarf; resistant to lodging**
44. R1573	**Kenya Impala**	**2020**		**KALRO**	**KALRO-NJORO**	**Altitude: 1800 -2400 masl**	**90 -100 Days (Early)**	**7.0 – 8.0**	▪ **White Hard Grain** ▪ **Good milling and baking qualities**

						AEZ: LH2, LH3, UH2,UH3 Example of Sites: Njoro, Moiben, Lower Narok, Timau, Oljororok)			▪ **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)**	**100 -120 Days (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**

19. NATIONAL COMMON BEAN VARIETY LIST

Species: Phaseolus vulgaris L.

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. Mwitemania (GLP 92)	**Mwitemania**	**1982**	**KARI/KSC**	**KARI/KSC**	**900-1600**	**2-3**	**1.2-1.5**	• **Drought tolerant**
2. Rosecoco (GLP 2)	**Rosecoco**	**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)	**Mwezi Moja**	**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)	Canadian Wonder	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	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.
8. Kat/Bean 2		1987	KARI	KARI-Katumani	1200-1800	2 - 3	1-1.2t	• 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
12. 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**
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
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 (75-80 days)	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
32. MN1(Rosecoco Madini)		2015	University Of Nairobi	University Of Nairobi	Central highlands;	3 months	1.15-2.0	• Biofortified variety(Iron-up to 147 ppm; zinc upto 38 ppm; also rich in

					western highlands; central and southern Rift Valley region; Coastal; eastern highlands			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 months	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
46. MN6 (Kenya Cheupe)		2015	University Of Nairobi	University Of Nairobi	Central highlands; western highlands; central and southern Rift Valley region; Coastal; eastern highlands	3 months	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
47. MN9 (Kenya Maua)		2015	University Of Nairobi	University Of Nairobi	Central highlands; western highlands; central and southern Rift Valley region;	3 months	1-1.9	• Biofortified variety(Iron up to 75ppm and zinc-45 ppm; also rich in Ca, P and other minerals) • Good resistance to angular leafspot, anthracnose, BCMV and other bean diseases; large red mottled

					Coastal; eastern highlands			
48. KK ROSECOCO-194		2015	KALRO	KALRO-Kakamega	Medium & high altitude; Central and north Rift Valley	2.5 months	1.8 - 2.0	• Resistant to bean root rot • Resistant to angular leaf sport
49. KK RED BEAN-16		2015	KALRO	KALRO-Kakamega	Medium & high altitude; Central and north Rift Valley	2.5 months	1.8 - 2.0	• Resistant to bean root rot • Resistant to angular leaf sport
50. KAD 02 (Nyota)		2017	KALRO	KALRO Katumani	900-1800 MSAL	65-70 days	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
51. KMR 11 (Angaza)		2017	KALRO	KALRO Kandara	1200-1900 MSAL	75-80 days	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
52. KMR 12 (Metameta)		2017	KALRO	KALRO Katumani	1200-1900 MSAL	80-85 days	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
53. KMR13 (Faida)		2017	KALRO	KALRO Kandara	1300-2000 MSAL	80-85 days	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).
54. .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 months (75 – 80 days)	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
55. .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 months (75 – 80 days)	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)

56. .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	75-85 days	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
57. 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	80-95 days	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
58. KCB13-11	KenStar	2015	University of Nairobi	University of Nairobi	Central and western highlands, Tea Zones, Central and southern Rift Valley;Nyanza;	80-95 days	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,

					eastern highlands			good size, shape, low incidence of split, clumping and high brine clarity • Excellent sensory characteristics (color, size, appearance, taste, mouth feel, flavor and wholesomeness)
59. KKRIL05/RED13	KK-RED BEAN 13	2017	KALRO (Kakamega)	KALRO Kakamega	Medium to high altitude high rainfall areas.	84 Days	1.6	• Small seeded red bean type • Resistant to bean root rot.
60. KKRIL05/CAL33	KK-ROSECOCO 33	2017	KALRO (Kakamega)	KALRO (Kakamega)	Medium to high altitude high rainfall areas.	86 Days	1.8	• Rose-coco bean type; • Resistant to bean root rot.
61. KCB13-04	Kenya Red Kidney	2018	University of Nairobi	University of Nairobi/Paul Kimani	1300-2100 masl Such as Machakos, Bomet, Kajiado, Kericho, Trans-Nzoia, Naivasha, Meru, Tharaka Nithi, Nakuru, Nyeri, Murang'a, Nyeri counties Other bean growing areas.	85-90 days	2.7	• Resistant to angular leafspot (2); anthracnose (5); rust (3); common bacterial 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

20. 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)		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		2014	Pop Vriend Research Seeds BV	Pop Vriend Research Seeds BV	Kirinyaga, Muranga, Loitokitok, Trans-Mara, Mulot	67 days	9-11 t/ha	• Rust & Halo Blight resistance • Good shelf life • High yield • Uniform pods • Fine Beans
3. TANA		2014	Pop Vriend Research Seeds BV	Pop Vriend Research Seeds BV	Kirinyaga, Muranga, Loitokitok, Trans-Mara, Mulot	64 days	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	55 to 60 days 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, Naivasha, Meru, Tharaka Nithi, Nakuru, Nyeri, Murang'a, Nyeri counties**	**55 to 65 days to first harvest (shorter duration in warm areas; longer duration in cooler areas**	**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** • **Up to 15 pickings**

21. NATIONAL CLIMBING BEAN VARIETY LISTS

Species: *Phaseolus vulgaris L*.

Variety name/code	Official variety release name	Year of release in Kenya	Year of release in other countries	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**	**3.0-4.0 months**	**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 months**	**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 months**	**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 to 4 months**	**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 to 4 months**	**2.2-3**	• **High grain iron and zinc concentration; medium sized , yellow seeds**
9. MN 19	**Kenya Afya**	**2010**		**UNIVERSITY OF NAIROBI**	**UNIVERSITY OF NAIROBI**	**1500-1900**	**3 to 4 months**	**2.23-3.2**	• **High grain iron and zinc concentration; medium seeded; brownish yellow seeds**

22. NATIONAL PIGEON PEA VARIETY LIST

Species: *Cajanus Cajan* L. Millsp

Variety name/code	Official Release Name	Year of release in Kenya	Year of Release in other Countries	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. ICEAP00040 4. (Kat/Mbaazi 2)	ICEAP00040 (Kat/Mbaazi 2)	1995		KARI	ND	900-1800	4 - 6	2.0-2.5	• Tolerant to insect pest, wilt. • 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
9. ICEAP00850	Peacock	2011		LELDET	LELDET	800-1500M	4	1.5	• Short duration • Drought tolerant, • Good market value.
10. ICEAP00936	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 months	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**	**Medium duration (125-140 days)**	**1.5 - 3.2**	• **Large pod size** • **Large grain size** • **Fusarium wilt tolerant**
13. **PP08008**	**KALCc-OP1- 05**	**2018**		**Kenya Agricultural and Livestock Research Organization (KARLO)**	**KALRO-Katumani**	**Makueni, Kitui, Mwingi, Mbeere,Tharaka, Meru Machakos**	**Medium duration (125 – 150 days)**	**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**	**120-150 Days**	**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**	**120-150 Days**	**1.5-2**	▪ **Medium seed size** ▪ **Adaptable to sandy clay soil and loamy soil** ▪ **Medium maturing** ▪ **Good ratoonability**

23. NATIONAL COWPEA VARIETY LIST

Species: *Vigna Ungulculata* L. Walps

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 attribute
1. HB 48/10E		1987	KARI	KARI-Katumani	0-1200	2 – 2.5	1.2-1.4	• Tolera
2. 27-1		1989	KARI	KARI-Katumani	600-1200	2.5 - 3	1.5-1.8	• Dual p
3.ICV11		1992	ICIPE	ND	1-1500	2.5	2.2	• Pest to
4.MTW 63		1998	IITA	KARI	1-1000	2	2.5	• Pest to
5.MTW 610		1998	IITA	KARI	1-1000	2	2.5	• Large s
6. Machakos 66 (M66)		1998	KARI	KARI-Katumani	1200-1500	2.5-3	1.5-1.8	• Dual p • Deep g
7. K 80		2000	KARI	KARI – Katumani	1200-1800	2.5-3	1.8-2.0	• Dual p • Tolera • Silvery
8. KVU – 419 (Kunde 419)		2000	KARI	KARI-Katumani	0-1200	2 – 2.5	1.2-1.5	• Drough • Extra e
9.KCP 022		2000	KARI	KARI-Katumani	0-1200	2 – 2.5	1.2-1.5	• Super
10. Kunde 1	Kunde 1	ND	Western Seed Co.	Western Seed Co.	Below 2000	2.5 - 3	1.2-2.5	• Dual p
11.KUNDE MBOGA	KUNDE MBOGA	2014	Simlaw Seeds Company	Simlaw Seeds Company	Low and Mid altitude	120-140 days	Seed yield 1.6–2.2 t/h Leaf yield 12-15t/h	• A vege yield w period • Drough • Leaf co vegeta

12.SIMLAW KUNDE		**2014**	**Simlaw Seeds Company**	**Simlaw Seeds Company**	**Low and Mid altitude**	**75 - 90 days**	**Seed yield 1.8 - 2.6 t/h**	• **A grain grain s** • **Drough** • **High g**
13. 1002/1005/3 (Kunde Faulu)		**2017**	**KALRO**	**KALRO Katumani**	**Low - High altitudes ranging from 5 – 2000 meters above sea level (Coastal , Eastern, Central and Western)**	**70 - 80 Days**	**1.5 - 2.13**	• • **Large s** • **Early m** • ***Alectra*** • **Dual pu**
14.1005/1002/1 (Kunde Tamu)		**2017**	**KALRO**	**KALRO Katumani**	**Low - High altitudes ranging from 5 – 2000 meters above sea level**	**70 - 80 Days**	**1.5 - 2.0**	• **Early m** • ***Alectra*** • **Tender when c** • **Dual pu**
21. 1005/1003/3 (KAT Kunde)		**2017**	**KALRO**	**KALRO Katumani**	**Low - High altitudes ranging from 5 – 2000 meters above sea level**	**80 - 90 Days**	**1.4 - 2.0**	• ***Alectra*** • **Dual pu**
22. 1005/1002/1/1/1 (Kunde Soko)		**2017**	**KALRO**	**KALRO Katumani**	**(Coastal , Eastern, Central and Western)**	**80 - 90 Days**	**1.4 - 1.9**	• **Large s** • ***Alectra*** • **Dual pu**
23. 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**	**80 -90 Days**	**1.5-2**	▪ **Drought to** ▪ **Tolerant t weed** ▪ **Dual purp vegetable)** ▪ **White grai**

24. 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		1978	KARI	KARI-Katumani	10-2000	3 – 3.5	3.0-4.0	• Determinate, Black seeds
2. KAT/DL-2		1987	KARI	KARI-Katumani	10-2000	3.5 - 4	2,5-3.3	• Determinate Cream seeds
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 months	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 months	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	Over 5 months	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 months	3.5 – 6.5	• Black seeded, medium maturity

24. 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.

25. 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 Months	19-21	• Drought tolerant • Good forage.
2. Boma Rhodes	1975	KARI/Kenya Seed Co.	KARI/Kenya Seed Co.	1000-2500	90-105 days	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	90-105 days	7-198	• Good seed yield, • Good palatability

26. 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	70-80 days	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	75-90	6.5-17.4	• Good persistence (under grazing) • Drought tolerant • Good forage.

27. 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	50-60	4.8-12.8	• Good seed yield

28. 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	150-165	1.8	• 18% oil content
2. EAI 3600	2009	KARI	KARI Njoro	800-1700	53-42	0.5 – 2.5	• 17.8% oil content
3. Gazelle	2009	KARI	KARI Njoro	1200-2400	73-175	0.8 – 2.1	• 22% oil content
4. Hill	2009	KARI	KARI Njoro	1200-2000	140-145	1.8	• 20.7% oil content
5. Nyala	2009	KARI	KARI Njoro	1200-2400	82-163	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 yield , 6.53% over the mean of checks • 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	900 -2400	4-5	0.5 -2.6	• Dual purpose (high biomass, high yield

			company				and free nodulating) • High yield , 6.53% over High yield, 7.71 % over the mean of checks • 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
8.Kensoy009	2013	KARI	KARI-Njoro	Cool-Warm weather: LH2, UM1, UM4, LM3	4-5 months	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).

29. NATIONAL CHICKPEA VARIETY LIST

VARIETY NAME/ VARIETY CODE	OFFICIAL RELEASE NAME	YEAR OF RELEASE IN KENYA	YEAR OF RELEASE IN OTHER COUNTRIES	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		2010		Leldet Ltd	Leldet / ICRISAT	500 – 2000m Mulot, Bomet, Timau Nakuru, Nzaui Shimba	100 DAYS	1.5 to 2 tons	• Kabuli and resistant to Fusarium wilt • Medium white grain.
2. LDT 0068		2010		Leldet Ltd	Leldet / ICRISAT	500 – 2000m Mulot, Rongai Marigat Magotio, Nzaui, Shimba Timau	90 DAYS	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-	2.5-3 months	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
						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		(7-12 bags/acre)	
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-	2.5-4 months	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

						crop after harvesting wheat/maize/finger millet during short rains (July-Oct or Oct-Feb) in major areas			
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 legume after harvesting wheat/ maize /finger millet	2.5-3months	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 making Githeri, dhal • Good for canning
30. EUDCV00102	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,	2.5-3months	1.2-2.8 t/ha	• 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

						Timau and Narok during short rains as rotation/relay legume after harvesting wheat/ maize /finger millet			
31. SCP 2	**Mwea 1**	2017		**Simlaw Seed Co Ltd**	**Simlaw Seed Co Ltd**	**Mwea loitoktok, Yatta, coast region**	**90 days**	**2.5-4.0**	• **Resistant to fusarium wilt**
32. SPC 3	**Ahero 1**	2017		**Simlaw Seed Co Ltd**	**Simlaw Seed Co Ltd**	**Nyanza, Bungoma, Kakamega, Kitale**	**90 days**	**1.1-3.7**	• **Resistant to fusarium wilt**
33. SPC 4	**Haraka**	2017		**Simlaw Seed Co Ltd**	**Simlaw Seed Co Ltd**	**Mwea, Loitoktok, Yatta, marigat and coast region**	**90 days**	**1.3-3.3**	• **Takes shorter time to cook**

30. NATIONAL KALE VARIETY LIST

Variety Code / Name	**Official Variety Name**	**Year of Release in kenya**	**Year of Release in other Countries**	**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**

31. NATIONAL GROUNDNUT VARIETY LIST

Species: Arachis hypogea L.

Variety name/code	Official Variety Release Name	Year of release in Kenya	Year of release in other country / countries	Owner(s) / Licensee	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (days)	Grain yield (t ha-^{1})	Special attributes
1. LTD12991	Dove	2011	2002 Uganda	LELDET	LELDET	1000-1600	90-100	2.5	• Tolerant to rosette and leaf spot. • Small tan seed. • Spanish var.
2. LTD90704	Kanga	2011	2002 Uganda	LELDET	LELDET	1000-1600	100-110	2.8-3	• Tolerant to rosette and drought. • Large tan seed with ave 42% oil content. • Virginia var.
3. LTD93437	Lihanga	2011	Malawi	LELDET	LELDET	1000-1600	115-120	2.5	• Tolerant to rosette. • Suitable for confectionery.
4. LTD99568	Gathuku	2011	1999 Uganda	LELDET	LELDET	1000-1600	95- 105	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	120-150 Days	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	120-150 Days	1.5-2	▪ Medium seeded ▪ The seed is red in color ▪ Adaptable to sandy clay soil and loamy soil ▪ Preferable for oil extraction

32. NATIONAL SIMSIM VARIETY LIST

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 (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 and Lake Victoria region. Bungoma	2.5	1.5-2.0 T/Ha	• Highly aromatic –white in colour • High poding ability • Shoofly tolerance • Tolerance to rust

33. NATIONAL OIL SEED RAPE VARIETY LIST

Species: Oil Seed Rape (*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 (days)	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	100-120 days	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 (120 – 150 days)**	**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**

34. NATIONAL LUCERNE VARIETY LIST

Species: Lucerne (*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 t/ha**	• **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 t/ha**	• **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 t/ha**	• **Good resistance to blight and moderate resistance to rust**
4. SA Standard	**SA Standard**	**2015**	**KALRO**	**KALRO MUGUGA**	**Mid moist to dry highland. Altitude**	**3-4 cuts per year**	**9-10 t/ha**	• **Good resistance to rust**

					2000-2400msl.			
5. KKS3864	KKS3864	2015	KALRO	KALRO MUGUGA	Dry Midland. 1600-2000msl.	3-4 cuts per year	9-10 t/ha	• Good resistance to blight and moderate resistance to rust

35. NATIONAL NIGHT SHADE VARIETY LIST

Species: Night shade (*Solanum scabrum*)

VARIETY NAME	RELEASE NAME	YEAR OF RELEASE	OWNER(S) LICENSEE	MAINTAINER AND SOURCE	AREAS OF PRODUCTION	MATURITY DURATION	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	5weeks Harvest duration: 8 weeks	20-40	36. Green scabrum 37. Mild taste 38. 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	5weeks Harvest duration: 8 weeks	20-40	39. Purple scabrum 40. 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	5weeks Harvest duration: 6 weeks	20-30	41. Villosum species 42. Bitter taste 43. Relieve stomach related ailments

4.BG16	**KK Bigi**	**2017**	**KALRO and University of Eldoret**	**KALRO (Kakamega)**	**250-2000m ASL UH, UM, LM, Lowland zone**	**45 Days**	**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**
5. Ex-Hai	**KK Ayaro**	**2017**	**KALRO and University of Eldoret**	**KALRO (Kakamega**	**250-2000m ASL UH, UM, LM, Lowland zone**	**40 Days**	**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**

36. NATIONAL VINE SPINACH VARIETY LIST

Species: Vine spinach (*Basella alba*)

VARIETY NAME	RELEASE NAME	YEAR OF RELEASE	OWNER(S) LICENSEE	MAINTAINER AND SOURCE	AREAS OF PRODUCTION	MATURITY DURATION	YIELD (t/ha)	SPECIAL ATTRIBUTES
3. 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 .**	**8 weeks Harvest duration: 12 weeks**	**50-60**	**44. Green leafed**
4. 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 Kisii, Kakamega, Vihiga, Kiambu, Nairobi, Nyeri,Meru**	**8 weeks**	**50**	**45. Purple leaved with high anthocyanin contetnt**

37. NATIONAL JUTE MALLOW VARIETY LIST

Species: Jute mallow (*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**	**50-1500m asl Kisumu, Siaya, Busia, Bungoma, machakos, Kakamega, Vihiga, Makueni, Migori, Homa**	**8 weeks**	**20-30**	**38. Light green lanceolate leaves 39. Very high anti-oxidant**

				Ltd	**bay**			**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**	**8 -12 weeks**	**20-40**	**40. Dark green elliptical leaves late flowering 41. Very high anti-oxidant activity 42. Good cooking quality**

38. NATIONAL SPIDER PLANT VARIETY LIST

Species: Spider plant (*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**	**4-5 weeks**	**20-40**	**46. Tall variety 47. High iron content**

39. NATIONAL GARDEN PEA VARIETY LIST

Species: Garden pea (*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
Blue Moon	**Blue Moon**	**2016**	**MARIBO DK**	**Agri_ Odtention France**	**1200 – 2400 m asl**	**4 Months**	**3-4**	**40. Good lodging resistance; strong** **41. Good disease tolerance (Powdery mildew and downey mildew)** **42. Good cooking quality**

41. NATIONAL PASTURE VARIETY LIST

Species: Pasture (*Brachiaria 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 months** **1.5 - 2.5 months 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**

5. Cobra	Cobra	2016	Advantage seeds	ACL /Tropical Seeds LLC	Moderately fertile to fertile soils in areas with 500 mm seasonal rains	3.0 months 1.5 - 2.5 months 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
6. 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 months 1.5 - 2.5 months 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
6.Forage Sorghum (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
7.Forage pearl millet (Nutrifeed)	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

8.Mombasa **(Urochloa)**	**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 months (for first harvest) and 1-2 months (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**

41. NATIONAL Pumpkin VARIETY LIST

Species: Pumpkin (*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
Elgon Cream	**Elgon Cream**	**2016**	**Simlaw Company**	**Simlaw Company**	**100 – 1,800m asl Kitale, Bungoma, Embu, Thika and Machakos**	**100 – 150 Days**	**50 – 75**	**42. High % female flowers – 70:30; long fruit Shelf life; smooth texture (Non fibrous); sugary in taste**

43. NATIONAL ETHIOPIAN KALE VARIETY LIST

Species: Ethiopian Kale (*Brassica carinata*)

VARIETY NAME	RELEASE NAME	YEAR OF RELEASE	OWNER(S) LICENSEE	MAINTAINER AND SOURCE	AREAS OF PRODUCTION	MATURITY DURATION	YIELD (t/ha)	SPECIAL ATTRIBUTES
Sarate	**Nzoia Green**	**2016**	**Simlaw Company**	**Simlaw Company**	**100 – 2000m asl**	**30 days**	**50 – 60**	**43. Late flowering** **44. Large and soft leaves** **45. Unique flavour**

44. NATIONAL CORRINDER VARIETY LIST

Species: Corriander (*Coriandrum sativum L.*)

VARIETY NAME	RELEASE NAME	YEAR OF RELEASE	OWNER(S) LICENSEE	MAINTAINER AND SOURCE	AREAS OF PRODUCTION	MATURITY DURATION	YIELD (t/ha)	SPECIAL ATTRIBUTES
SC Dhania 07	**Dhania Simlaw Select**	**2016**	**Simlaw Company**	**Simlaw Company**	**100 – 2000m asl**	**4 weeks**	**Leaf: 2 – 4 Grain: 1.2 – 1.5**	**45. Unique strong flavor, late maturing 46. Large biomass**

46. NATIONAL GREEN GRAM LIST

Species: Green Gram (*Vigna radiata*)

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. KAT 00301	**Ndegu Tosha**	2017	**KALRO**	**KALRO Katumani**	**500-1600 MASL**	**60-70 days**	**1.9-2.3**	• **Non Stony Grain**
2.KAT 00309	**Ndengu Karembo**	2017	**KALRO**	**KALRO Katumani**	**500-1600 MASL**	**65-75 days**	**1.8-2.1**	• **Non Stony Grain**
3.KAT 00308	**Ndengu Biashara**	2017	**KALRO**	**KALRO Katumani**	**500-600 MASL**	**60-75 days**	**1.8-2.3**	• **Non Stony Grain**

47. NATIONAL PEPPER LIST

Species: Pepper (*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 (15-30^{o}C) Rainfall range (250-2000 mm per annum)**	**75 Days**	**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 (15-30^{o}C) Rainfall range (250 - 2000 mm per annum)**	**60 Days**	**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 LIST

Species: Amaranth (*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)**	**250-2000m ASL UH, UM, LM, Lowland zone**	**45 Days**	**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)**	**250-2000m ASL UH, UM, LM, Lowland zone**	**45 Days**	**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 above sea level (asl)** **Thrives well at 22-35^{0}C. Suitable for a wide range of agro ecological zones including high altitude areas, medium altitudes and low lands**	**80 - 100 days**	**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).
4.Katumani White (KAM 001)	**Terere Smart**	**2018**	**KALRO Katumani**	**KALRO Katumani**	**20 - 2400 m above sea level (asl) -Thrives well at 22-35^{0}C Suitable for a wide range of agro ecological zones including high altitude**	**75 – 90 days**	**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

					areas, medium altitudes and low lands			• 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 List

Species: Oat (*Aven sativa)*

VARIETY NAME	RELEASE NAME	Year of Release	OWNER(S) LICENSEE	MAINTAINER AND SOURCE	AREAS FOR OPTIMAL PRODUCTION	MATURITY DURATION	YIELD (t/ha)	SPECIAL ATTRIBUTES
011A06	**KS Oat16B**	**2018**	**KSCo**	**KSCo**	**800 – 2400 m.a.s.l. (Nakuru, Nyandarua, Uasin Gishu, Trans Nzoia, Meru)**	**95 -100 Days**	**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**
014A01	**KS Oat16A**	**2018**	**KSCo**	**KSCo**	**800 – 2400 m.a.s.l. (Nakuru, Nyandarua, Uasin Gishu, Trans Nzoia, Meru)**	**90 – 95 Days**	**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**

NOTES

a) Year of release - refers to the year when the national variety release committee released the variety

b) Owner is Institution or individual breeder.

c) Maintainer is the owner or one who maintains the original material on arrangement with the owner.