

18. NATIONAL RICE VARIETY LIST

Species: *Oryza sativa* L.

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

							<ul style="list-style-type: none"> ▪ Resistant to lodging ▪ Non aromatic ▪ Good milling quality ▪ Intermediate amylose content ▪ Cook dry & non sticky ▪ Good threshing ability ▪ Resistant to blast & stem borer
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10. NIBAM 10	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	3-3.3	3.5 – 6.0	<ul style="list-style-type: none"> ▪ Aromatic ▪ Tolerant to rice yellow mottle virus (rymv) ▪ Long slender grains ▪ Awned ▪ No anthocyanin ▪ High ratooning ability
11. NIBAM 11	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	3-4	3.2 – 6.5	<ul style="list-style-type: none"> ▪ Aromatic ▪ Tolerant to rice yellow mottle virus (rymv) ▪ Long slender grains ▪ Awned ▪ No anthocyanin ▪ High ratooning ability
12. NIBAM 108	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	5-6	6-10	<ul style="list-style-type: none"> ▪ Medium maturing ▪ Non aromatic, Long grains ▪ Tolerant to blast ▪ Awnless ▪ No anthocyanin ▪ High tillering capacity

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13. NIBAM 109	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	4-5	8-12	<ul style="list-style-type: none"> Late maturing Non-aromatic Short thick grains Tolerant to blast Awnless No anthocyanin Very high tillering capacity
14. NIBAM 110	2010	National Irrigation Board (NIB)	NIB / MIAD	15 - 1700	3-4	3.0 – 5.0	<ul style="list-style-type: none"> Medium early maturing Tolerant to rice blast & rymv Non aromatic Long slender grain, Awnless, no anthocyanin
15. TXD306	2013	ARI - KATRIN	ARI - KATRIN	Irrigated and rain-fed lowland ecosystems	2.5-3	4.5-6.0	<ul style="list-style-type: none"> Aromatic Paddy Rice, Good eating & cooking qualities Good milling quality Moderate tolerant to some RYMV and blast disease strains
16. IR-05N221	2013	KARI-MWEA/IRRI	KARI-MWEA	Irrigated and rain-fed lowland ecosystems	2.5-3	4.0-6.7	<ul style="list-style-type: none"> Aromatic Paddy Rice, Good eating & cooking qualities Good milling quality Moderate tolerant to some RYMV and blast disease strains
17. KEH10004 (ARIZE 6444 Gold/INH1001)	2014	Bayer Cropscience, Germany	Bayer Bioscience PVT. Ltd, India		4-5	7.5-9.0	<ul style="list-style-type: none"> Highly tolerant to Bacterial leaf blight (<i>Xanthomonas oryzae</i> pv. <i>oryzae</i>) Moderately tolerant to blast,

							Hybrid of medium-late duration <ul style="list-style-type: none"> ▪ Medium slender grain ▪ Slightly aromatic ▪ Resistant to lodging ▪ No chaffiness ▪ Good milling yield (70 %)
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18. KEH10005 (ARIZE TEJ Gold/INH 11001)	2014	Bayer Cropscience, Germany	Bayer Bioscience PVT. Ltd, India		4-5	7.0-8.0	<ul style="list-style-type: none"> ▪ Highly tolerant to Bacterial leaf blight (<i>Xanthomonas oryzae</i> pv. <i>oryzae</i>) ▪ Moderately tolerant to blast, Hybrid of early duration ▪ Long slender high-quality grain, Slightly aromatic ▪ Resistant to lodging, No chaffiness ▪ Excellent milling yield (72 %)
19. AFEXH004	2018	Afritec Seed Ltd	Afritec Seeds Ltd	Suitable areas from 5 to 1200m. Best above 500m	3-4	9.2	<ul style="list-style-type: none"> ▪ Aromatic: 175ppb Basmati 370 = 175ppb of 2-AP, The aroma component ▪ Good seed yields ▪ Long Slender Grain
20. AFEXH001	2018	Afritec Seed Ltd	Afritec Seeds Ltd	Best suited for areas below 500m	3-4	8.1	<ul style="list-style-type: none"> ▪ Aromatic: 90ppb Basmati 370 = 175ppb of 2-AP, The aroma component

							<ul style="list-style-type: none"> Very high yields in high altitudes
Variety name/code	Year of release	Owner(s)	Maintainer and seed source	Optimal production altitude range (Masl)	Duration to maturity (months/days)	Grain yield (t ha ⁻¹)	Special attributes
21. S5505*AT013	2018	AATF/FreshCo	AATF/HEAL	Suited for all rice production areas in Kenya	3-4	9.3	<ul style="list-style-type: none"> Good to excellent seed yields
22. S5517*AT013	2018	AATF/SeedCo	AATF/HEAL	Suited for all rice production areas in Kenya	3-4	9.5	<ul style="list-style-type: none"> Good to excellent seed yields
23. S5509*AT013	2018	AATF/Afritec Seed Ltd	Afritec Seeds Ltd	Suitable for all production areas of Kenya. Broad adaptation to moisture stress	3-4	9.62	<ul style="list-style-type: none"> Excellent Seed Yields Excellent field yields Adapted to both rainfed and irrigated conditions
24. AT054	2018	Afritec Seed Ltd	Afritec Seeds Ltd	Suitable from 20 msl to 1200msl. Best in areas above 500m, including Mwea and the Lake Basin	2-5	7.94	<ul style="list-style-type: none"> Aromatic Basmati-like OPV with higher aroma levels than Basmati 370 (Aroma is over 220ppb)
25. S5517*AT014	2018	AATF/Afritec Seed Ltd	Afritec Seeds Ltd	Suitable for all rice growing areas in Kenya; slightly better in altitudes above 500m Such as Mwea and Western Kenya	3-5	9.2	<ul style="list-style-type: none"> Very high seed production values Early maturing High milling value Long slender grain

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26. S5505*AT034	2018	AATF/Afritec Seed Ltd	AATF/HEAL	Suitable for all rice growing areas in Kenya, but slightly better in areas below 500m such as Hola, Bura, Kisumu and Malindi	3-5	9.45	<ul style="list-style-type: none"> High seed production values Hybrid variety Early maturing High milling value Long grain
27. AH19007	2021	AATF	Hybrids East Africa Limited/AATF	Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo	4-5	7-10	<ul style="list-style-type: none"> Locally developed 2-line hybrid rice using TGMS Long grain Lodging resistant
28. ATH931 (AH19003)	2021	Afritec Seeds Limited/AATF	Afritec Seeds Limited	Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo	4	7-10	<ul style="list-style-type: none"> Locally developed 2-line hybrid rice using TGMS Long grain Lodging resistant
29. AH19006	2021	AATF	Hybrids East Africa Limited/AATF	Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo	4	7-10	<ul style="list-style-type: none"> Locally developed 2-line hybrid rice using TGMS Long grain Lodging resistant Early maturing

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30. KALFINE (ORYLYX 6)	2025	KALRO	KALRO	Altitude: 15-1500 AEZ: Irrigated lowlands Sites where testing was done: Mwea, Ahero, Bunyala, Mtwapa & Bura	2.5-3	5.0-5.5	<ul style="list-style-type: none"> ▪ Long slender grains ▪ Semi-dwarf stature
31. KALGOLD (IR 124 713-1)	2025	KALRO	KALRO	Altitude: 15-1500 AEZ: Irrigated lowlands Sites where testing was done: Mwea, Ahero, Bunyala, Mtwapa & Bura	2.5-3	5.0-5.5	<ul style="list-style-type: none"> ▪ Long slender grains ▪ Semi-aromatic ▪ Moderate cold tolerance
32. KAL-IMARA (CSR36)	2025	KALRO	KALRO	Altitude: 15-1500 AEZ: irrigated & rainfed lowland Sites where testing was done: Mwea, Ahero, Bunyala, Mtwapa & Bura	3-4	6.0-6.5	<ul style="list-style-type: none"> ▪ Long slender grains ▪ Salinity tolerance
33. KALPAA (08FAN10)	2025	KALRO	KALRO	Altitude: 15-1500 AEZ: Irrigated & rainfed lowlands Sites where testing was done: Mwea, Ahero, Bunyala, Mtwapa & Bura	2.5-3	6.5-7.0	<ul style="list-style-type: none"> ▪ Medium slender grains ▪ Early maturity

