

I – Identification

- 1.1 Name: CRAM 1
- 1.2 Other Names: ARICA 14
- 1.3 Species: *O. sativa*
- 1.4 Varietal type: interspecific
- 1.5 Pedigree: N/A
- 1.6 Parents: WAB 56-104/IRGC106176//WAB 56-104
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: Benin
- 1.9 Year of release: 2024
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 103
- 2.4 Yield potential (t ha⁻¹): 4.8 t/ha
- 2.5 1000 grain-weight (g): 25.29 g
- 2.6 Disease resistance: Blast, brown spot
- 2.7 Insect resistance: N/A
- 2.8 Tolerant to drought: Yes
- 2.9 Shattering resistance: Yes
- 2.10 Resistance to lodging: Yes

III – Morphological characteristics

- 3.1 Plant height (cm): 114
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 6.51
- 4.2 Grain width (mm): 2.35
- 4.3 Grain shape: medium
- 4.4 Grain Colour: white
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 *Lemma* and *Palea* pubescence: glabrous
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 73
- 5.2 Head rice (%): 56
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 19.4
- 5.5 Gelatinization temperature: 73.8
- 5.6 Gel consistency: N/A
- 5.7 Aroma: No

CRAM 1 is an aromatic upland rice variety developed by AfricaRice in collaboration with the CNRA. It is well adapted to well-drained upland and sloping fields, preferably with sandy loam soil, and is less suitable for excessively sandy or heavy clay soil. The variety is characterized by its high yielding, high milling return, short growth cycle, intermediate plant height, and good drought tolerance. The recommended seeding rate is 40–60 kg/ha, with a spacing of 20 × 20 cm and a sowing depth of 2–3 cm. Apply 200 kg/ha of NPK (12-24-18, 15-15-15, or 12-22-22) during the second plowing. Supplement with 100 kg/ha of urea (46% N), split into two equal applications of 50 kg/ha: the first at active tillering (21 days after sowing) and the second at panicle initiation (55–60 days after sowing). Weed the field before each urea application.

CRAM 1 est une variété de riz pluvial strict aromatique développée par AfricaRice en collaboration avec le CNRA. Elle est adaptée aux sols bien drainés de plateau ou de versant, de préférence argilo-sableux, et peu adaptée aux sols très sableux ou fortement argileux. Elle se distingue par son haut rendement, bon rendement à l'usinage cycle court, sa taille intermédiaire, et sa bonne tolérance à la sécheresse. La dose de semis recommandée est de 40 à 60 kg/ha, avec un espacement de 20 × 20 cm et une profondeur de semis de 2 à 3 cm. Appliquer 200 kg/ha de NPK (12-24-18, 15-15-15 ou 12-22-22) au deuxième labour. Compléter avec 100 kg/ha d'urée (46 % N), répartis en deux apports de 50 kg/ha : le premier au tallage actif (21 jours après semis) et le second à l'initiation paniculaire (55 à 60 jours après semis). Effectuer un désherbage avant chaque apport d'urée.



CRAM 1 variety demonstration plot at dough stage



Paddy rice

Variety in brief: High-yielding, drought tolerance, very early maturing, blast resistance, lodging resistance
Ecology: Rainfed Upland

I – Identification

- 1.1 Name: CRAM 2
- 1.2 Other Names: ARICA 15
- 1.3 Species: *O. sativa*
- 1.4 Varietal type: interspecific
- 1.5 Pedigree: N/A
- 1.6 Parents: CG 14 / WAB 181-18//2*WAB 181-18
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: Côte d'Ivoire
- 1.9 Year of release: 2024
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 102
- 2.4 Yield potential (t ha⁻¹): 5 t/ha
- 2.5 1000 grain-weight (g): 26.09g
- 2.6 Disease resistance: Blast, brown spot
- 2.7 Insect resistance: N/A
- 2.8 Tolerant to drought: Yes
- 2.9 Shattering resistance: Yes
- 2.10 Resistance to lodging: Yes

III – Morphological characteristics

- 3.1 Plant height (cm): 115
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 6.46
- 4.2 Grain width (mm): 2.35
- 4.3 Grain shape: medium
- 4.4 Grain Colour: white
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 Lemma and Palea pubescence: glabrous
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 72
- 5.2 Head rice (%): 59
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 19.1
- 5.5 Gelatinization temperature: 73.58
- 5.6 Gel consistency: N/A
- 5.7 Aroma: No

CRAM 2 is an aromatic upland rice variety developed by AfricaRice in collaboration with the CNRA. It is well adapted to well-drained upland and sloping fields, preferably with sandy loam soil, and is less suitable for excessively sandy or heavy clay soil. The variety is characterized by its high yielding, high milling return, short growth cycle, intermediate plant height, and good drought tolerance. The recommended seeding rate is 40–60 kg/ha, with a spacing of 20 × 20 cm and a sowing depth of 2–3 cm. Apply 200 kg/ha of NPK (12-24-18, 15-15-15, or 12-22-22) during the second plowing. Supplement with 100 kg/ha of urea (46% N), split into two equal applications of 50 kg/ha: the first at active tillering (21 days after sowing) and the second at panicle initiation (55–60 days after sowing). Weed the field before each urea application.

CRAM 2 est une variété de riz pluvial strict aromatique développée par AfricaRice en collaboration avec le CNRA. Elle est adaptée aux sols bien drainés de plateau ou de versant, de préférence argilo-sableux, et peu adaptée aux sols très sableux ou fortement argileux. Elle se distingue par son haut rendement, bon rendement à l'usinage cycle court, sa taille intermédiaire, et sa bonne tolérance à la sécheresse. La dose de semis recommandée est de 40 à 60 kg/ha, avec un espacement de 20 × 20 cm et une profondeur de semis de 2 à 3 cm. Appliquer 200 kg/ha de NPK (12-24-18, 15-15-15 ou 12-22-22) au deuxième labour. Compléter avec 100 kg/ha d'urée (46 % N), répartis en deux apports de 50 kg/ha : le premier au tallage actif (21 jours après semis) et le second à l'initiation paniculaire (55 à 60 jours après semis). Effectuer un désherbage avant chaque apport d'urée.



CRAM 2 variety demonstration plot at dough stage



Paddy rice

Variety in brief: High-yielding, drought tolerance, very early maturing, blast resistance, lodging medium resistance, excellent cooking quality
Ecology: Rainfed Upland

I – Identification

- 1.1 Name: CRAM 3
- 1.2 Other Names: N/A
- 1.3 Species: *O. sativa*
- 1.4 Varietal type: interspecific
- 1.5 Pedigree: ARCC3Fa3L10P1-1-B-1
- 1.6 Parents: MOROBEREKAN/(WAB56-104/CG14/(WAB56-104)
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: Benin
- 1.9 Year of release: 2024
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 104
- 2.4 Yield potential (t ha⁻¹): 4.9 t/ha
- 2.5 1000 grain-weight (g): 27.07 g
- 2.6 Disease resistance: Blast, brown spot
- 2.7 Insect resistance: N/A
- 2.8 Tolerant to drought: Yes
- 2.9 Shattering resistance: Yes
- 2.10 Resistance to lodging: Yes (moderate)

III – Morphological characteristics

- 3.1 Plant height (cm): 121
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 6.49
- 4.2 Grain width (mm): 2.44
- 4.3 Grain shape: medium
- 4.4 Grain Colour: white
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 *Lemma* and *Palea* pubescence: medium
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 75
- 5.2 Head rice (%): 57
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 18.7
- 5.5 Gelatinization temperature: 71.75
- 5.6 Gel consistency: N/A
- 5.7 Aroma: No

CRAM 3 is an aromatic upland rice variety developed by AfricaRice in collaboration with the CNRA. It is well adapted to well-drained upland and sloping fields, preferably with sandy loam soil, and is less suitable for excessively sandy or heavy clay soil. The variety is characterized by its high yielding, high milling return, short growth cycle, intermediate plant height, good drought tolerance, and excellent cooking quality. The recommended seeding rate is 40–60 kg/ha, with a spacing of 20 × 20 cm and a sowing depth of 2–3 cm. Apply 200 kg/ha of NPK (12-24-18, 15-15-15, or 12-22-22) during the second plowing. Supplement with 100 kg/ha of urea (46% N), split into two equal applications of 50 kg/ha: the first at active tillering (21 days after sowing) and the second at panicle initiation (55–60 days after sowing). Weed the field before each urea application.

CRAM 3 est une variété de riz pluvial strict aromatique développée par AfricaRice en collaboration avec le CNRA. Elle est adaptée aux sols bien drainés de plateau ou de versant, de préférence argilo-sableux, et peu adaptée aux sols très sableux ou fortement argileux. Elle se distingue par son haut rendement, bon rendement à l'usinage cycle court, sa taille intermédiaire, sa bonne tolérance à la sécheresse, et bon goût. La dose de semis recommandée est de 40 à 60 kg/ha, avec un espacement de 20 × 20 cm et une profondeur de semis de 2 à 3 cm. Appliquer 200 kg/ha de NPK (12-24-18, 15-15-15 ou 12-22-22) au deuxième labour. Compléter avec 100 kg/ha d'urée (46 % N), répartis en deux apports de 50 kg/ha : le premier au tallage actif (21 jours après semis) et le second à l'initiation paniculaire (55 à 60 jours après semis). Effectuer un désherbage avant chaque apport d'urée.



CRAM 3 variety demonstration plot at dough stage



Paddy rice

Variety in brief: High-yielding, drought tolerance, very early maturing, blast resistance, aromatic, excellent cooking quality
Ecology: Rainfed Upland

I – Identification

- 1.1 Name: CRAM 4
- 1.2 Other Names: N/A
- 1.3 Species: *O. sativa*
- 1.4 Varietal type: interspecific
- 1.5 Pedigree: ART15-16-12-3-1-B-1-B-3-1
- 1.6 Parents: WAB 56-104/IRGC106176//WAB 56-104
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: Benin
- 1.9 Year of release: 2024
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 101
- 2.4 Yield potential (t ha⁻¹): 4.6 t/ha
- 2.5 1000 grain-weight (g): 25 g
- 2.6 Disease resistance: Blast, brown spot
- 2.7 Insect resistance: N/A
- 2.8 Tolerant to drought: Yes
- 2.9 Shattering resistance: Yes
- 2.10 Resistance to lodging: No

III – Morphological characteristics

- 3.1 Plant height (cm): 121
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 6.60
- 4.2 Grain width (mm): 2.31
- 4.3 Grain shape: medium
- 4.4 Grain Colour: white
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 *Lemma* and *Palea* pubescence: Poor
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 66
- 5.2 Head rice (%): 50
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 18.60
- 5.5 Gelatinization temperature: 72.55
- 5.6 Gel consistency: N/A
- 5.7 Aroma: Yes

CRAM 4 is an aromatic upland rice variety developed by AfricaRice in collaboration with the CNRA. It is well adapted to well-drained upland and sloping fields, preferably with sandy loam soil, and is less suitable for excessively sandy or heavy clay soil. The variety is characterized by its high yielding, short growth cycle, intermediate plant height, good drought tolerance, aroma and excellent grain and cooking quality. The recommended seeding rate is 40–60 kg/ha, with a spacing of 20 × 20 cm and a sowing depth of 2–3 cm. Apply 200 kg/ha of NPK (12-24-18, 15-15-15, or 12-22-22) during the second plowing. Supplement with 100 kg/ha of urea (46% N), split into two equal applications of 50 kg/ha: the first at active tillering (21 days after sowing) and the second at panicle initiation (55–60 days after sowing). Weed the field before each urea application.

CRAM 4 est une variété de riz pluvial strict aromatique développée par AfricaRice en collaboration avec le CNRA. Elle est adaptée aux sols bien drainés de plateau ou de versant, de préférence argilo-sableux, et peu adaptée aux sols très sableux ou fortement argileux. Elle se distingue par son haut rendement, cycle court, sa taille intermédiaire, sa bonne tolérance à la sécheresse, arôme et son excellente qualité organoleptique. La dose de semis recommandée est de 40 à 60 kg/ha, avec un espacement de 20 × 20 cm et une profondeur de semis de 2 à 3 cm. Appliquer 200 kg/ha de NPK (12-24-18, 15-15-15 ou 12-22-22) au deuxième labour. Compléter avec 100 kg/ha d'urée (46 % N), répartis en deux apports de 50 kg/ha : le premier au tallage actif (21 jours après semis) et le second à l'initiation paniculaire (55 à 60 jours après semis). Effectuer un désherbage avant chaque apport d'urée.



CRAM 4 variety demonstration plot at dough stage



Paddy rice

Variety in brief: High-yielding, drought tolerance, very early maturing, blast resistance, lodging resistance, aromatic, excellent cooking quality
Ecology: Rainfed Upland

I – Identification

- 1.1 Name: CRAM 6
- 1.2 Other Names: N/A
- 1.3 Species: *O. sativa*
- 1.4 Varietal type:
- 1.5 Pedigree: ART35-49-1-7D-1
- 1.6 Parents: BRS PRIMAVERA/WAB638-1
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: Benin
- 1.9 Year of release: 2024
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 103
- 2.4 Yield potential (t ha⁻¹): 5 t/ha
- 2.5 1000 grain-weight (g): 22.79g
- 2.6 Disease resistance: Blast, brown spot (moderate)
- 2.7 Insect resistance: N/A
- 2.8 Tolerant to drought: Yes
- 2.9 Shattering resistance: Yes
- 2.10 Resistance to lodging: Yes

III – Morphological characteristics

- 3.1 Plant height (cm): 123
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 6
- 4.2 Grain width (mm): 2.21
- 4.3 Grain shape: medium
- 4.4 Grain Colour: white
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 Lemma and Palea pubescence: N/A
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 70.80
- 5.2 Head rice (%): 64.80
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 19.3
- 5.5 Gelatinization temperature: N/A
- 5.6 Gel consistency: N/A
- 5.7 Aroma: Yes

CRAM 6 is an aromatic upland rice variety developed by AfricaRice in collaboration with the CNRA. It is well adapted to well-drained upland and sloping fields, preferably with sandy loam soil, and is less suitable for excessively sandy or heavy clay soil. The variety is characterized by its high yielding, short growth cycle, intermediate plant height, good drought tolerance, aroma and excellent grain and cooking quality. The recommended seeding rate is 40–60 kg/ha, with a spacing of 20 × 20 cm and a sowing depth of 2–3 cm. Apply 200 kg/ha of NPK (12-24-18, 15-15-15, or 12-22-22) during the second plowing. Supplement with 100 kg/ha of urea (46% N), split into two equal applications of 50 kg/ha: the first at active tillering (21 days after sowing) and the second at panicle initiation (55–60 days after sowing). Weed the field before each urea application.

CRAM 6 est une variété de riz pluvial strict aromatique développée par AfricaRice en collaboration avec le CNRA. Elle est adaptée aux sols bien drainés de plateau ou de versant, de préférence argilo-sableux, et peu adaptée aux sols très sableux ou fortement argileux. Elle se distingue par son haut rendement, cycle court, sa taille intermédiaire, sa bonne tolérance à la sécheresse, arôme et son excellente qualité organoleptique. La dose de semis recommandée est de 40 à 60 kg/ha, avec un espacement de 20 × 20 cm et une profondeur de semis de 2 à 3 cm. Appliquer 200 kg/ha de NPK (12-24-18, 15-15-15 ou 12-22-22) au deuxième labour. Compléter avec 100 kg/ha d'urée (46 % N), répartis en deux apports de 50 kg/ha : le premier au tallage actif (21 jours après semis) et le second à l'initiation paniculaire (55 à 60 jours après semis). Effectuer un désherbage avant chaque apport d'urée.



CRAM 6 variety field closing maturity



Paddy rice

Variety in brief: High-yielding, drought tolerance, very early maturing, blast resistance, lodging resistance, aromatic, excellent cooking quality
Ecology: Rainfed Upland

I – Identification

- 1.1 Name: CRAM 8
- 1.2 Other Names: N/A
- 1.3 Species: *O. sativa*
- 1.4 Varietal type: N/A
- 1.5 Pedigree: ART34-120-1-2-B-1
- 1.6 Parents: BRS PRIMAVERA/WAB638-1
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: AfricaRice
- 1.9 Year of release: 2025
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 103
- 2.4 Yield potential (t ha⁻¹): 5 t/ha
- 2.5 1000 grain-weight (g): 38.11g
- 2.6 Disease resistance: Blast, brown spot (moderate)
- 2.7 Insect/Pest resistance: N/A
- 2.8 Resistance to lodging: Yes
- 2.9 Tolerance to drought: Yes
- 2.10 Shattering resistance: Yes

III – Morphological characteristics

- 3.1 Plant height (cm): 123
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 6.18
- 4.2 Grain width (mm): 2.19
- 4.3 Grain shape: Medium
- 4.4 Grain Colour: White
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 Lemma and Palea pubescence: N/A
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 73.36
- 5.2 Head rice (%): 61.75
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 18.6
- 5.5 Gelatinization temperature: N/A
- 5.6 Gel consistency: N/A
- 5.7 Aroma: Yes

CRAM 8 is an aromatic upland rice variety developed by AfricaRice in collaboration with the CNRA. It is well adapted to well-drained upland and sloping fields, preferably with sandy loam soil, and is less suitable for excessively sandy or heavy clay soil. The variety is characterized by its high yielding, short growth cycle, intermediate plant height, good drought tolerance, aroma and excellent grain and cooking quality. The recommended seeding rate is 40–60 kg/ha, with a spacing of 20 × 20 cm and a sowing depth of 2–3 cm. Apply 200 kg/ha of NPK (12-24-18, 15-15-15, or 12-22-22) during the second plowing. Supplement with 100 kg/ha of urea (46% N), split into two equal applications of 50 kg/ha: the first at active tillering (21 days after sowing) and the second at panicle initiation (55–60 days after sowing). Weed the field before each urea application.

CRAM 8 est une variété de riz pluvial strict aromatique développée par AfricaRice en collaboration avec le CNRA. Elle est adaptée aux sols bien drainés de plateau ou de versant, de préférence argilo-sableux, et peu adaptée aux sols très sableux ou fortement argileux. Elle se distingue par son haut rendement, cycle court, sa taille intermédiaire, sa bonne tolérance à la sécheresse, arôme et son excellente qualité organoleptique. La dose de semis recommandée est de 40 à 60 kg/ha, avec un espacement de 20 × 20 cm et une profondeur de semis de 2 à 3 cm. Appliquer 200 kg/ha de NPK (12-24-18, 15-15-15 ou 12-22-22) au deuxième labour. Compléter avec 100 kg/ha d'urée (46 % N), répartis en deux apports de 50 kg/ha : le premier au tallage actif (21 jours après semis) et le second à l'initiation paniculaire (55 à 60 jours après semis). Effectuer un désherbage avant chaque apport d'urée.



Field of the CRAM 8 rice variety at the milk to dough growth stage.



Paddy rice



Milled rice

Variety in brief: High-yielding, drought tolerance, very early maturing, blast resistance, brown spot resistance, lodging resistance, high milling return
Ecology: Rainfed Upland

I – Identification

- 1.1 Name: CRAM 10
- 1.2 Other Names: N/A
- 1.3 Species: *O. sativa*
- 1.4 Varietal type: N/A
- 1.5 Pedigree: N/A
- 1.6 Parents: BRS PRIMAVERA/WAB638-1
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: AfricaRice
- 1.9 Year of release: 2025
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 102
- 2.4 Yield potential (t ha⁻¹): 4 t/ha
- 2.5 1000 grain-weight (g): 37 g
- 2.6 Disease resistance: Blast, brown spot
- 2.7 Insect/Pest resistance: N/A
- 2.8 Resistance to lodging: Yes
- 2.9 Tolerance to drought: Yes
- 2.10 Shattering resistance: Yes

III – Morphological characteristics

- 3.1 Plant height (cm): 112
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 8
- 4.2 Grain width (mm): 2
- 4.3 Grain shape: Slender
- 4.4 Grain Colour: White
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 *Lemma* and *Palea* pubescence: Absent or very weak
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 72
- 5.2 Head rice (%): 68
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 19
- 5.5 Gelatinization temperature: N/A
- 5.6 Gel consistency: N/A
- 5.7 Aroma: N/A

CRAM 10 is an aromatic upland rice variety developed by AfricaRice in collaboration with the CNRA. It is well adapted to well-drained upland and sloping fields, preferably with sandy loam soil, and is less suitable for excessively sandy or heavy clay soil. The variety is characterized by its high yielding, high milling return, short growth cycle, intermediate plant height, good drought tolerance, and excellent grain and cooking quality. The recommended seeding rate is 40–60 kg/ha, with a spacing of 20 × 20 cm and a sowing depth of 2–3 cm. Apply 200 kg/ha of NPK (12-24-18, 15-15-15, or 12-22-22) during the second plowing. Supplement with 100 kg/ha of urea (46% N), split into two equal applications of 50 kg/ha: the first at active tillering (21 days after sowing) and the second at panicle initiation (55–60 days after sowing). Weed the field before each urea application.

CRAM 10 est une variété de riz pluvial strict aromatique développée par AfricaRice en collaboration avec le CNRA. Elle est adaptée aux sols bien drainés de plateau ou de versant, de préférence argilo-sableux, et peu adaptée aux sols très sableux ou fortement argileux. Elle se distingue par son haut rendement, très bon rendement à l'usinage, cycle court, sa taille intermédiaire, sa bonne tolérance à la sécheresse, et son excellente qualité organoleptique. La dose de semis recommandée est de 40 à 60 kg/ha, avec un espacement de 20 × 20 cm et une profondeur de semis de 2 à 3 cm. Appliquer 200 kg/ha de NPK (12-24-18, 15-15-15 ou 12-22-22) au deuxième labour. Compléter avec 100 kg/ha d'urée (46 % N), répartis en deux apports de 50 kg/ha : le premier au tallage actif (21 jours après semis) et le second à l'initiation paniculaire (55 à 60 jours après semis). Effectuer un désherbage avant chaque apport d'urée.



Paddy rice

I – Identification

- 1.1 Name: CRAM 12
- 1.2 Other Names: N/A
- 1.3 Species: *O. sativa*
- 1.4 Varietal type: N/A
- 1.5 Pedigree: ART35-272-1-2-B-1
- 1.6 Parents: BRS PRIMAVERA/WAB638-1
- 1.7 Genetic Nature: Pure Line
- 1.8 Geographic origin: AfricaRice
- 1.9 Year of release: 2025
- 1.10 Developer: AfricaRice
- 1.11 Maintenance: AfricaRice/CNRA
- 1.12 Country of release: Côte d'Ivoire

II – Agronomic characteristics

- 2.1 Ecology: Upland - Rainfed
- 2.2 Sowing-heading cycle (50%) (Days): N/A
- 2.3 Sowing-maturity cycle (days): 102
- 2.4 Yield potential (kg ha⁻¹): 5 t/ha
- 2.5 1000 grain-weight (g): 37.78 g
- 2.6 Disease resistance: Blast, brown spot (moderate)
- 2.7 Insect/Pest resistance: N/A
- 2.8 Tolerant to drought: Yes
- 2.9 Shattering resistance: Yes
- 2.10 Resistance to lodging: Yes

III – Morphological characteristics

- 3.1 Plant height (cm): 119
- 3.2 Plant type: N/A
- 3.3 Flag leaf attitude: N/A
- 3.4 Basal leaf sheath colour: N/A
- 3.5 Tillering ability: N/A
- 3.6 Panicle type: N/A
- 3.7 Spikelets per panicle: N/A

IV-Grain characteristics

- 4.1 Grain length (mm): 6.33
- 4.2 Grain width (mm): 2.26
- 4.3 Grain shape: Medium
- 4.4 Grain Colour: White
- 4.5 Awn: N/A
- 4.6 Awn colour: N/A
- 4.7 Apiculus colour: N/A
- 4.8 Lemma and Palea pubescence: N/A
- 4.9 Caryopsis colour: N/A

V – Grain quality characteristics

- 5.1 Milling recovery (%): 71.77
- 5.2 Head rice (%): 68.26
- 5.3 Chalkiness (%): N/A
- 5.4 Amylose content (%): 18.4
- 5.5 Gelatinization temperature: N/A
- 5.6 Gel consistency: N/A
- 5.7 Aroma: Yes

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Field of the CRAM 12 rice variety at the milk to dough growth stage.



Paddy rice



Milled rice