DIRECT SEEDED

RICE VARIETIES

- DRR Dhan 70 (IET – 29415)
- DRR Dhan 71 (IET – 29421)
- DRR Dhan 77 (IET – 28636)
- DRR Dhan 90 (IET – 31775)

DRR Dhan 70

IET 29415

High Yielding Rice Variety with Good Grain Quality and Suitable to Direct Seeded Aerobic Cultivation



DIRECT SEEDED AEROBIC CULTIVATION

SUITABLE UNDER LOW WATER AVAILABILITY



DRR Dhan 70 is a high yielding rice variety with good grain quality with tolerance to major diseases and insect pest and suitable for direct seeded aerobic cultivation. This variety is also suitable to grow under low water availability conditions.

4.3 t/ha | **DURATION 113 - 120 DAYS** | **AEROBIC ECOLOGY** | **LONG BOLD GRAIN TYPE**

Pedigree:	MTU 1010 / WGL 505
Ecology:	Aerobic
Grain type:	Long Bold
Duration:	113 - 120 days
Yield:	4.3 t/ha
Plant Height:	102-110 cm
Notification No:	1560 (E) | 26/03/2024



GRAIN COMPARISON



HUSKED GRAIN



POLISHED RICE

SALIENT FEATURES

Suitable for water limited aerobic conditions.

RECOMMENDED STATES

Odisha and Bihar.

MILLING AND GRAIN QUALITY	
Hulling:	78.85%
Milling:	70.40%
KL:	6.14 mm
KB:	2.20 mm
Plant Height:	102-110 cm
1000 Grain Weight:	23
L/B ratio:	2.80
Head Rice Recovery:	64.80%
Amylose Content:	21.26
Alkai Spreading Value:	3.0
Gel Consistency:	38mm

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DRR Dhan 71

IET 29421

High Yielding Rice Variety with Good Grain Quality and Suitable to Direct Seeded Aerobic Cultivation

DRR Dhan 71 is high yielding but 100% for better grain quality and tolerance to major diseases and insect pests for direct seeded aerobic cultivation. This variety is also suitable to grow under low water availability conditions.





DIRECT SEEDED AEROBIC CULTIVATION
Perfect for modern dry directed aerobic systems

LOW WATER AVAILABILITY
Thrives under low water conditions

TOLERANT TO MAJOR DISEASES & INSECT PESTS
Stronger protection for stable yields

BETTER GRAIN QUALITY
Medium slender grains with pleasing cooking quality

HIGH YIELD 4.4 T/HA

DURATION 113 - 120 DAYS

Pedigree	CR 691-1 / CR Dhan 202
Ecology	Aerobic
Grain type	Medium Slender
Notification No	S.O. 1560 (E) | 26/03/2024

SALIENT FEATURES

Suitable for water limited aerobic conditions.

RECOMMENDED STATES

Odisha, Gujarat and Tamil Nadu.

MILLING AND GRAIN QUALITY	
Plant Height:	102-110
1000 Grain Weight:	20
KL:	5.72 mm
KB:	2.06 mm
L/B Ratio:	2.78
Hulling:	79.85%
Milling:	71.20%
Head Rice Recovery:	64.60%
Amylose Content:	24.75
Aikali Spreading Value:	7.0
Gel Consistency:	24mm



GRAIN COMPARISON



HUSKED GRAIN



POLISHED RICE

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DRR Dhan 77

IET 28636 | High Yielding Aerobic Direct Seeded Variety

DRR Dhan 77 is an early duration aerobic variety suitable for direct seeding. It is a pure line selection from the advanced line GSR-IR1-DQ146-L18-Y1. It possesses long slender grains.

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Grain Type: Long Slender



AEROBIC DIRECT-SEEDING PERFORMANCE

Ecology:	Aerobic Direct Seeded Conditions
Grain Yield:	4.2 t/ha
Plant height (cm):	92 cm
Duration (days):	115-120 days (seed to seed)

DISEASE RESISTANCE

Moderately resistant to leaf blast, neck blast and brown spot.

Recommended States:
Bihar, Gujarat and Tamil Nadu.

GRAIN QUALITY & TECHNICAL SPECIFICATIONS

1000 grain weight (g):	L/B ratio:	Head rice recovery (%)	Alkali spreading value:	Amylose content (%):	Gel content (mm):
20 g	3.33	55 %	5	24.4%	33 mm

Rice Variety:	DRR Dhan 77 (IET 28636)
Variety Type:	High Yielding Aerobic Direct Seeded Variety
Disease and Pest Resistance:	Moderately resistant to leaf blast, neck blast and brown spot.
Parentage:	GSR-IR1-DQ146-L18-Y1
Notification No:	S.O. 4388 (E) | 08/10/2024
Ecology:	Aerobic Direct Seeded Conditions

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DRR Dhan 90

IET 29581 | Low Soil Nitrogen Tolerant Rice Variety



Suitable with 50% of recommended Nitrogen dosage

DRR Dhan 90 is a low soil Nitrogen tolerant rice variety identified in 2025. It is suitable for cultivation in 50% of recommended dosage of Nitrogen application with **4.6 t/ha** under 50% N; **2.5 to 3.0 t/ha** under 0% N.

NITROGEN RESPONSE



EXCELLENT YIELD EVEN AT 50% N = **4.6 t/ha under 50% N**

Low Nitrogen • High Efficiency • High Yield

AT-A-GLANCE

Ecology:	Irrigated Low Nitrogen Conditions
Grain Type:	Short Bold
Duration:	125–130 days
Yield:	4.6 t/ha under 50% N; 2.5–3.0 t/ha under 0% N

GRAIN & COOKING QUALITY



HRR: 64.70%
AC: 22.7%
GC: 22.3 mm
ASV: 4.0

SALIENT FEATURES

Moderate resistance to leaf blast, neck blast, sheath rot, plant hoppers, stem borer and whorl maggot.

PEDIGREE

BPT 5204 / Varadhan

RECOMMENDED STATES

Andhra Pradesh, Telangana and Karnataka (Zone VII).

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