

WANGBAL

Rice Research Station, Wangbal Manipur

The Rice Research Station was established during 1963 and has become funded center of AICRIP during 1973-74 on 50: 50 basis. The major objective of this station is to increase the productivity level of jhum cultivation, semi deep & deep water rices and develop high yielding varieties.



Crop Improvement

Varieties Developed & Released

Sl. No.	Name of variety	Parentage	Year of re-lease	Eco-system	Salient Features
1.	PUNSHI (KD 6-18-7)	PHOUREN/IR 661-1-1- 140-1	1980	HYV area irrigatd /rainfed	Semi-dwarf, 100 cm, 135 days duration, SL grain 6-8t/ha. with highly preferred local taste, good for direct seeding with less fertilizer requirement.
2.	PHOUOIBI (KD 6-2-1)	PHOUREN/IR 661-1-1- 140-1	1980	HYV area irrigatd /rainfed	Semi-dwarf ,100 cm plant ht, 133 days duration, extra long slender grain,6-8t/ha slightly earlier to PUNSHI, moderately tolerant to major pests & diseases of Manipur
3.	LEIMAPHOU (KD 2-6-3))	MOIRANG- PHOU/ LAWAGIN	1990	HYV area irrigatd /rainfed and wet terraces	Semi-dwarf, 95 cm ht, 130 days duration, SL grain, 6-8t/ha. high popping quality, cold tolerant at reproductive stage, good for late planting, moderately tolerant to major pests of Manipur

Sl. No.	Name of variety	Parentage	Year of re-lease	Eco-system	Salient Features
4.	AKUTPHOU (KD 14-1-9)	LANGPHOU/ IR 1364-37-3-1	1990	Semi low Land/ semi deep	Semi-tall, 130 cm ht, 145 days duration, SL grain with reddish husk but white rice, 4-6t/ha., non lodging, moderately resistant to major pests & diseases of Manipur
5.	SANAPHOU (KD 2-7-6-2)	MOIRANG-PHOU/ LAWAGIN	1999	HYV area Rainfed/ Irri-gated	Semi-dwarf, 104 cm ht, 135 days duration, SL grain, 6-8t/ha., cold tolerant at reproductive stage good for late planting with late leaf senescence, moderately tolerant to major pests/ diseases.
6.	EREIMA-PHOU (KD 7-9-20)	TAOTHABI/ IR 1125-21-2-1	1999	Semi -deep To deep water	Tall with high kneeing ability, 135-175 cm ht, 145 days duration, partly awned/ awnless, SL grains with white rice, 4-5t/ha. moderately tolerant to major pest/ disease
7.	GINPHOU (KD 5-2-8)	PHOUREN/ IR 22	2006	HYV area Irrigated/ rainfed	Semi-dwarf with SL grains & high rice recovery, 135 days duration, 6-8t/ha.. moderately tolerant to major pests/ diseases
8.	PARIPHOU (WR 3-2-1)	PHOUGAK/ NEELA	2006	Early & late cropping	Semi-dwarf, 90 cm ht, 110 days duration, SL grains, mildly scented, 5-6t/ha. Early maturing, good for early & late cropping In valley/hill, moderately tolerant to major pests/ diseases

Promising rice lines near release

Sl. No.	Designation	Parentage	Eco-system	Salient Features
1.	KD 5-3-14	PHOUREN/ IR 22	HYV area Irrigated/ Rainfed	Semi-dwarf, 98 cm plant ht, 105 days duration, SL grains(L/B ratio : 3.6), 5-7 t/ ha yield, Gall midge resistant with fine grain.
2.	KD 6-18-7-1	PHOUREN/ IR 661-1-1-140-3	HYV area Irrigated/ Rainfed	Semi-dwarf, 95 cm plant ht, 100 days duration, 6-8 t/ ha yield, SL grain(L/B ratio : 3.6), BPH resistant.

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3.	WR 1-9-1-1	PHOUGAK/ IET 9221	HYV/ Home Stead area	Semi-dwarf, 95 cm plant ht, 85 days duration, SL grain, Gall midge resistant, 5-7 t/ ha yield, prominent flag leaf with late leaf senescence.
4.	WR 3-2-6-1	PHOUGAK/ NEELA	Early/late Cropping	Semi-dwarf, 90 cm plant ht, 70 days duration, very long slender grain(L/B ratio -4.2), very early maturing, yields 4-6t/ ha, moderately tolerant to major pests/diseases of Manipur
5.	WR 15-6-1	PUNSHI/ BASMATI	HYV area	Semi-dwarf, 95 cm plant ht, 90 days duration, SL grain (L/B ratio - 3.6) with good popping quality, 6-8 t/ ha yield, tolerant to major pests/diseases.