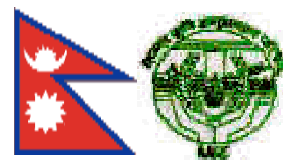


Hardinath-1



Hardinath-1: An early maturing rice variety. What is Hardinath-1?

Hardinath-1 is an early maturing rice variety. It is grown in Chaite (spring) and bhadaiya (normal early) seasons under irrigated condition. Hardinath-1 has been released in 2004 by National Rice Research Program (NRRP) Hardinath, NARC for general cultivation.

What are the traits of Hardinath-1?

It is semi dwarf (100-105cm), mature in 100-110 days, medium tillering (10-15/hill), 1000grain weight 20gram, Grain yield 4.2 tons /ha, white color of grain, 6.3mm of kernel length, 3.3mm of kernel breath, 65.8% milling recovery, 64.9% head recovery, 26.2% Amylase, 8.24% Protein, 1.1% Ash, high fertilizers responsiveness, resistant to blast and neck blast and moderately resistant to bacterial leaf blight.

Where to cultivate Hardinath-1?

Hardinath-1 is grown in Terai (plain land), inner Terai (valley) and river basin of hills. It is grown in high fertile soil under irrigated condition up to 600 meter from the sea level.

How to cultivate Hardinath-1?

- It requires proper tillage and well puddled soil.
- 45 kg of seed is sufficient for one ha.
- Optimum time of seed sowing for Chaite (spring) is last week of February and optimum time of seed sowing is last week of June for bhadaiya (main season early).
- Appropriate doses of nutrients are 100:40:30 kg N:P₂O₅:K₂O/ha.
- Application of @ 2.0 litre of butachlor 2-3 days after transplanting is effective to control weeds.
- Integrated pests and disease management strategies are effective.

What are suitable cropping patterns for Hardinath-1?

Rice - rice - fallow
Rice - wheat - mungbean
Rice - maize - rice
Rice - potato - onion
Rice - wheat -rice

What are the market values of Hardinath-1?

Hardinath-1 is a fine and slender grain type variety. It is used as milled rice, popped rice and bitten rice. It is being sold on an average price of Rs.1000/quintal of rough rice.



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