



HERBAL DOSAGE FOR PADDY CULTIVATION

About Paddy

- Kharif season crop; mostly grown in [July – Oct], and Rabi Season: from Mid- November onwards. Crop duration: 90-120 days.
- Methods of planting: 1. Transplanting; 2. Direct seeding (Broadcasting) 3. System of Rice Intensification (SRI) 4. Drum Seeder Method.
- Short duration: 100–120 days; Medium duration: 120–140 days; Long duration crop: 160 days or more.
- Most varieties take 50–55 days from panicle initiation to harvest. Use short-duration crops
- Harvesting the crop on time is very important to maximize yields and grain quality. Early Harvest: Many unfilled & immature grains break easily when milled and will not germinate when used for seed. Late harvest: Heavy losses will occur through shattering and bird attacks. Quality will also decrease due to grain weathering, resulting in breakage and downgrading due to undesirable grain color.
- Yield: A well-managed direct seeded crop yields about 2.5-3.0 t/ha and transplanted crop gives about 4.5 -5.0 t/ha under organic production. Rice stem borer, swarm caterpillar, case worm, leaf folder are major pests. Blast, sheath blight, bacterial leaf blight, brown spot, sheath rot are important diseases of rice.

RECOMMENDED DOSAGE CHART IN PADDY (PER ACRE)

Suggestion: Advised to take necessary precautions in case of heavy rain forecast or contact our team

Application Time	WeedZap Application		
WeedZap should be used before the last puddling / before last rotavation.	Transplantation Method: Use Weedzap, 3 litres / 1 acre.		
	<ul style="list-style-type: none"> ➤ Before the last puddling, mix 3 litres of Weedzap in appropriate amount of sand (approx.: 25-35 kgs) and Broadcast / Spread the mixture evenly in the entire crop field and rotavate. ➤ Keep water for 10 - 15 days; ensure that water doesn't flow from one plot to another plot. If the water in the field is reduced, water should be given separately to each plot. Avoid usage of any other chemical fertilizers, oil cakes, organic solutions up to 10 days before and after application. 		
	Broadcasting & Drum seeder Methods: Please discuss with our experts before purchasing the product and its usage.		
Note: In case of usage in Sandy, Limestone, Alkaline soils, please contact team GramaBazaar.			
GrowthFit Application			
30 - 35 Days	First dosage: After 25-30 days of usage of Weedzap. Use 2 litres of GrowthFit by mixing with sand and spread /broadcast evenly in the entire field.		
50 -55 Days	Second dosage: After 50 days of transplanting, dilute 1 litre GrowthFit into 200 litres of water and spray across the field.		
75-80 Days	Third dosage: After 75 days of transplanting. Use 2 litres of GrowthFit by mixing with sand and spread /broadcast evenly in the entire field.		
Cost of Cultivation			
		Product	Cost
		WeedZap 03 litre (Soil application)	03 x 600 = Rs 1800
		GrowthFit 05 litre (Soil Application + Spray)	05 x 600 = Rs 3000
	Cost	Rs 4,800	
Mentioned schedule is for 120 days crop duration.			
<ul style="list-style-type: none"> • General Note: Avoid using with the combination of any other Chemical Fertilizers, Organic Solutions, Oil Cakes [Neem, castor, pongamia]. • If farmers want to use any other products / chemical fertilizers, maintain 10 days gap period before & after application of GrowthFit or NemZap solutions. • This chart is recommended for only 1 acre and dosages may vary based on the area. 			
<ul style="list-style-type: none"> • Advantages: Improves soil fertility, increases the yield and controls/repel rats. 			
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