

# RICE



Manufactured By :



A Bio Mission Company

**SRT AGRO SCIENCE PVT. LTD**

Village : Funda, Teh- Patan, Dist. - Durg, C.G. 491111

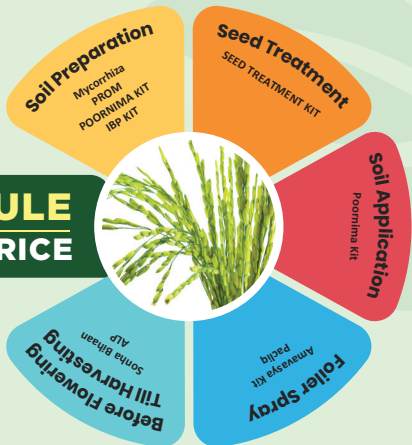
Marketing & Promotion By :



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# CROP SCHEDULE FOR 1 HECTARE RICE



Period	Product	Siesto products Quantity	Purpose / Act As	Management
Soil Preparation OR TRANSPLANTING (SOIL APPLICATION)	MycoMarshall (Mycorrhiza) Granule	7.5KG	Root Health Booster	Nutrient Management
	PROM (OPTIONAL)	750KG	ALTERNATE FOR DAP	Nutrient Management
	POORNIMA KIT	1 KIT	Reduces usage urea & DAP by 50 %, Increase Phosphorous.	Nutrient Management
	IBP	1 KIT	Protection against all Soil Borne Diseases	Disease Management For eg. (Leaf spot / Thrips)
Seed Treatment (SEED TREATMENT)	SEED TREATMENT KIT	1 KIT	Enhances Seed Germination & Protection from Infectious diseases.	Disease Management For eg. (Damping off / Thrips)
EVERY MONTH 3 DAY BEFORE POORNIMA (SOIL APPLICATION)	POORNIMA KIT	1 KIT	Develops & Improve crop density	Nutrient Management
EVERY MONTH 3 DAYS BEFORE Dark Moon (Amavasya) (FOILER SPRAY)	AMAVASYA KIT	1 KIT	Protection from fungal and bacterial diseases.	Disease Management / Pest Management
	Pacliq (OPTIONAL)	1 PACKET	Protect from Nematodes	Nematode Control For eg. (Root knot nematode)
Before flowering EVERY 15 DAYS TILL HARVESTING (FOILER SPRAY)	SonhaBihaan	750 gm/1500 gm	Enhances crop yield	Regulator for Nutrient Management
	ALP	750 gm/1500 gm		Micronutrient Management



### Soil Type

Black soil, Red soil, Laterite soil,  
Red sandy, Terai



### Soil pH

Can be cultivated in Acidic as  
well as in Alkaline soil



### Climate / Temperature

For best quality temperature  
range of 20°C-40°C is best but  
below 42°C



### Season of Planting

Sowing Time  
June - July



### Spacing

As per variety



### Manuring & Fertilization

Depends upon the fertility of  
soil & on the quality



### Water Management

Good irrigation required  
through out the life cycle of rice  
crop



### Harvesting Duration




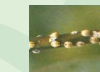
Harvesting can be done in  
25-30 days after flowering,  
generally  
November-December



### Yield

2.7 tonnes per hectare

## GENERAL ISSUES, PEST ATTACK & DISEASE MANAGEMENT DURING FARMING

	Pest Attack or Disease	Solution	Suggested Product
	Nematode Control	An Eco-Friendly Bionematicide	Pacliq
	Fungal Disease Management	A Biological fungicide that control pathogens	Indofa
	Bacterial Disease Management	An Ecofriendly Biological Bactericide Cum Biofungicide	Bacillus
	Disease Management & Pest Attack	Helps to Control & Prevent Plant Diseases & Pest Attack	Amavasya Kit



## CONVENTIONAL FARMING

v/s

## BIO CAPSULE FARMING

Parameters	Conventional	BIO
<b>Yield</b>	On Average, the yield is 2.5–3 tonnes/acre.	Average crop yield per acre in india is 3–3.5 tonnes
<b>Cost</b>	Medium	Low
<b>Soil pH</b>	Neutral	Neutral
<b>Sale Price</b>	Medium	High
<b>Quality</b>	Low	High
<b>Export</b>	Residue difficulties	No residue content

## NUTRITION CONTENT

Parameters	Conventional Farming Unit (mg/100g <sup>-1</sup> )	Organic Farming Unit (mg/100g <sup>-1</sup> )
<b>Mineral</b>	Medium	High
<b>Iron</b>	Low	High
<b>Fat</b>	Neutral	Neutral
<b>Magnesium</b>	Medium	High
<b>Calcium</b>	Low	High
<b>Phosphorus</b>	Residue difficulties	No residue content
<b>Potash</b>	Low	High
<b>Toxicity</b>	High	Low

Note: Data mention is subject to change with respect to soil type, seed, weather condition, environment etc.