

RICE



Manufactured By :



A Bio Mission Company

SRT AGRO SCIENCE PVT. LTD

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

Marketing & Promotion By :

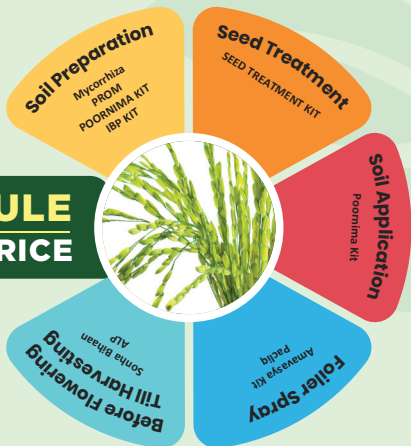


www.siestogreen.com

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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) | MycoMarshal (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,
Terai & Shallow black soil



Soil pH

Both in Acidic & Alkaline soil



Climate / Temperature

Best quality rice at temperature
range between 20°C–40°C but
not above 42°C



Season of Planting

June July @ Sowing time



Spacing

As per variety



Manuring & Fertilization

Depends upon the fertility of
soil & on the quality



Water Management

Through out the life cycle



Harvesting Duration




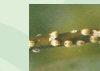
25–30 days after flowering,
generally November /
December



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 |
|-------------------|--|--|
| Yield | On Average, the yield is 2.25-2.5 tonnes/acre. | Average crop yield per acre in india is 3 tonnes |
| Cost | Medium | Very Low |
| Soil pH | Neutral | Neutral |
| Sale Price | Medium | High |
| Quality | Low | High |
| Export | Residue difficulties | No residue content |

NUTRITION CONTENT

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

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