

COTTON



Manufactured By :



A Bio Mission Company

SRT AGRO SCIENCE PVT. LTD

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

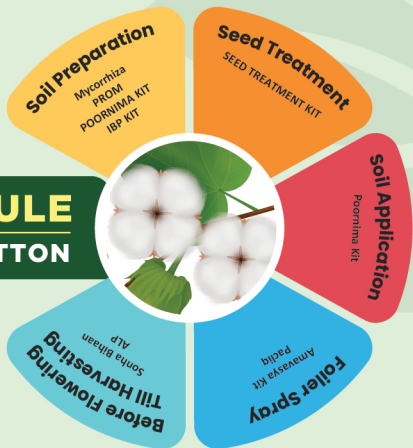
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CROP SCHEDULE FOR 1 HECTARE COTTON



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

All soils but NOT the sandy, saline or water logged



Soil pH

6.0-7.5



Climate / Temperature

For best crop, the temperature range 21°C-27°C but NOT beyond 43°C



Season of Planting

June July for autumn winter crop, November for spring summer crop seeds & March April for the hills seeds.



Spacing

As per variety



Manuring & Fertilization

Depends upon the fertility of soil & on the quality



Water Management

Needs preliminary irrigation & light watering after 3-4 days of germination. Summer crops gets irrigated in 8-12 days interval



Harvesting Duration

Systematic 'picking' once bolls are fully matured. Keep the bolls separate as per picking schedule



Yield

469 kgs/ha

GENERAL ISSUES, PEST ATTACK & DISEASE MANAGEMENT DURING FARMING



Pest Attack or Disease

Nematode Control

Solution

An Eco-Friendly Bionematicide

Suggested Product

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 2.2 tonnes/acre.	Average crop yield per acre in india is 3 tonnes
Cost	High	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	High	High
Iron	Low	High
Fat	Neutral	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.