

SUGAR CANE



Manufactured By :



A Bio Mission Company

SRT AGRO SCIENCE PVT. LTD

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

Marketing & Promotion By :

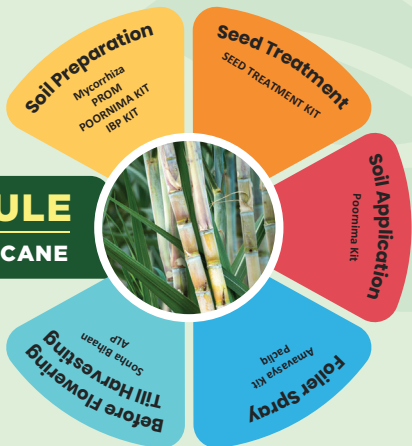


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CROP SCHEDULE

FOR 1 HECTARE SUGARCANE



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

Heavy soil with good drainage,
light textured soils, soils with 0.5-0.6
carbon content



Soil pH

6.5-7.5



Climate / Temperature

Best fruit quality above 20° C
& below 45-50° C



Season of Planting

Early : Dec - Jan
Mid : Feb - March
Late : April - May



Spacing

As per variety



Manuring & Fertilization

Depends upon the fertility of
soil & on the quality



Water Management

In soil with optimum moisture,
in well rain distributed
areas or adequately irrigated
lands.



Harvesting Duration




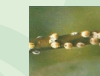
Recognized by lowering of
leaves, however, the
cooperative's begins the
harvesting from 1st of
November to next 150
days(avg)



Yield

The average yield varies from
82 metric tons 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 4-5 tonnes/acre.	Average crop yield per acre in india is 6-7 tonnes
Cost	Medium	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	Medium	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.