



ADARSH SOIL CARE

An Organic Product from ADARSH PLANT PROTECT LIMITED

Introduction

ADARSH SOIL CARE is a Amorphous Silicon based soil enricher, conditioner which supplies Plant available silica to plants. It improves nutrient efficiency of other fertilizers by absorbing nutrients and slowly releasing them when required. It increases water retention and provides improved aeration in soil. Plant available silica actively boosts plants ability to withstand stresses from disease, insects and environmental pressure. Collectively these benefits of ADARSH SOIL CARE increases yield and quality of crops and plants.

Doses

- ☛ In agriculture crops- 75-100 kgs per acre.
 - ☛ In Sugarcane – 100 kgs per acre.
- (Broadcast spread and incorporated into the top 10-20 cm using an off-set disc plough or rotary hoe for sugarcane. Generally, all Si is applied to soil before planting).*
- ☛ In Rice- 100 kgs per acre.
 - ☛ In cotton 100 kgs per acre.
 - ☛ In fruit plants- 25-50 gms per plant.
(To be applied near roots.)
 - ☛ In flowering plants- 10-15 gms per plant
(To be applied near roots.)
 - ☛ In vegetables- 75 kgs per acre
 - ☛ In Potatos- 75 kgs per acre

Specifications

Chemical Properties

ADARSH SOIL CARE	SiO ₂	> 72 %
Calcium oxide	CaO	2- 4 %
Potassium Oxide	K ₂ O	0.18 %
Phosphorous	P ₂ O ₅	< 1 %
Pentaoxide		

Physical Properties

Colour	Pale Yellow/Off white
pH	6.5 - 7.5
Water Absorption	110-120 %
Bulk Density	45 gm/ml
Particle Size	200 mesh

Grow More with ADARSH SOIL CARE

Benefits of using ADARSH SOIL CARE

- ☛ It increases plant growth, flowering and fruiting.
- ☛ It increases crop yield and quality of crop.
- ☛ It is rich source of Plant available Silicon.
- ☛ It has high water holding capacity.
- ☛ It Neutralize Aluminum toxicity.
- ☛ It unlocks Phosphate and makes it available to plant.
- ☛ It reduces use of conventional Fertilizers by 25-30%
- ☛ It protects plants against insect, pests and fungal infection.
- ☛ There is reduction in irrigation and gives drought resistance to plant.
- ☛ It increases plants resistance to salt intoxication.
- ☛ It increases soil porosity.
- ☛ It gives strength to roots and stem of plant.
- ☛ It dramatically increases the cation exchange capacity, stimulating the absorption of nutrients.
- ☛ Will increase carbon sequestration.
- ☛ The results are visible within 15-20 days initially in the form of colour of the leaves which will be darker and growth will be faster as compared to normal crops without ADARSH SOIL CARE

Cost advantage

- ☛ Using ADARSH SOIL CARE will reduce consumption of Fertilizers (N,P,K) by its optimization in soil by approx 25-30 %
- ☛ Yield will be more per hectare (Min 15-25 %)
- ☛ Vegetables will be greener and yield will be more.
- ☛ Fruits size and number will be more.
- ☛ Flowering will be more in floriculture plants and flowers will be bigger in size.
- ☛ Sugarcane stem will be thicker and taller in height.
- ☛ No. of Rice grains per plant will be more.
- ☛ In cassava roots will be thicker and juicy.
- ☛ Frequency of giving water will be reduced hence reducing cost.

Packing

25 kg Laminated P.P. bags.

ADARSH PLANT PROTECT LIMITED

GLOBALLY MARKETED BY:

GLOBAL AGRITECH COLLABORATIONS



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