Tangsons Biotech

Tangsons Biotech Co., Ltd

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BioCoat

Potato Seed Inoculant Treatment

INTRODUCTION

BioCoat is a novel biological potato seed inoculant that highly effective on tuber type seed treatment, including potato, garlic, ginger, sweet potato, yam, etc, formulated with active ingredient Bacillus Subtilis, Trichoderma Harzianum, Paecilomyces lilacinus, woks symbiotically with the plant to produce an average of 15% more yield along with active against soil borne pathogens disease and nematode management. Apply BioCoat now on your crops for higher yield, health growth and grow your business with organic production.

ACTIVE INGREDIENT

ACTIVE INGREDIENT: Bacillus Subtilis, Trichoderma Harzianum, Paecilomyces lilacinus

Total bacteria count 5* 10^8 cfu/g

Troubleshooting for

- Black Scurf (Rhizoctonia Solani)
- Fusarium Dry Rot (Fusarium spp.)
- Common Scab (Streptomyces spp.)
- Early blight (Alternaria solani)
- Later blight (Phytophthora infestans)
- Slow Growth & Development

Common seeds

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- Potato
- Sweet Potato
- Garlic
- Ginger
- Yam
- Peanut

Mode of Action

After apply BioCoat on potato, it will evenly coating on all over the tuber and in the soil around the tubers where it protects young sprouts and growing daughter tubers.Biocoat increase the root absorption area up to 1000 times more than an untreated plant, allows for more efficient uptake of Moisture and Nutrients making it the most robust grass in the fields, giving your potatoes that boost during the initial growing stage allowing for a head start over control that pays dividends at harvest.

Trichoderma harzianum grows endophytically through the potato plant defending against the spread of soil-borne diseases, especially black scurf and common scab caused by Rhizoctonia and Streptomyces, by a variety of means including nutrition competition, reparasitism and secrete antibiotics

Bacillus subtilis can produce bacteriocins and antimicrobial peptides through competition to maintain the balance of flora and increase beneficial soil bacteria, while promoting crop growth and enhancing crop stress resistance.

Paecilomyces lilacinus prevent nematode outbreaks by parasitizing nematode oocysts and second instar larvae, and secreting metabolites such as ashwagandin to control and kill nematodes.

Benefit:

- Excellent protection against potato disease
- Minimizing the time for black scurf to attack the emerging plant
- Potato seeds quick germinate and better emergence
- Promote the root system and more “root hair”
- Potential yield increases
- Develop a healthier environment around the seed itself
- Reduces risk from early-season insect and disease pressure

Seed treatment demo:

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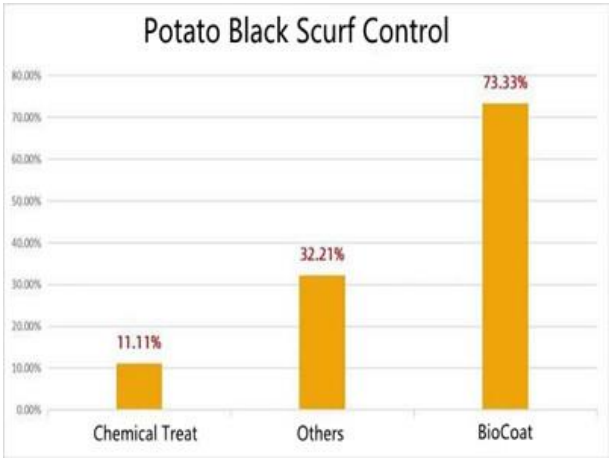
Potato Seed Treat by BioCoat

Treated Potato Seed

Quick germinate

Stronger Root

Black Scurf Control



73% Black Scurf Control by BioCoat

Dosage & Method

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Dilute 3~5 times for seeds treatment,

Potato.....1 kg per 100~150 kgs seeds

Garlic .....1 kg per 20~30 kgs seed

Ginger .....dilute 300-500 times and spray to ginger seeds

Caution

BioCoat should not be considered as a replacement for pesticidal seed treatment.

BioCoat can mix use with pesticide and fungicide.

Apply directly before sowing. Treated seed should be dried before bagging, and labeled mentioning the dose and date of treatment.

Store the treated seeds in a dark place between 8-15°C in paper or nylon bags, avoid plastic bags.

Packing and shelf life

2 year shelf life, 10 kg per bag, 20 kg per carton

Storage

Store in cool and dry, keep out of direct sunshine and moisture. Keep out of reach of children.