

COMPOSITION

Active Ingredient

Chitosan:..... 2.3%

Other ingredient:

Water:..... 97.7%
Total:..... 100%

FOR USE ON ALL FOOD AND NONFOOD CROPS

MODE OF ACTION

KITOGARD® is a Plant Defense Booster and Nematicide. The active ingredient is derived from basic carbohydrate source. Application of KITOGARD® elicits phytoalexins in the plant's defense system protecting against certain plant pathogens. When used as directed, KITOGARD® can make plants more resistant to infection, and provide protection against pathogens including plant parasitic nematodes, diseases, bacteria, and insects.

DIRECTIONS FOR USE

KITOGARD® can be used as a foliar spray, soil drench, or can be applied via chemigation methods KITOGARD® can be applied to crops at any time during the growing season including preplant, preemergence, post emergence, and in-season, up to and including the day of harvest. The recommended concentration and rate of application depends on crop and severity of the disease. Use a higher rate when disease conditions are severe. For best results apply the product early in the morning or late in the afternoon. KITOGARD® is tank-mixable with most chemicals. The pH of the final solution should be below 7 for best results; perform a compatibility jar test prior to mixing with other chemicals. Not for aquatic use. GROUND SPRAY: May be used with standard field sprayers, backpack and other hand equipment; AERIAL SPRAY:

Apply a minimum of 10 gallons per acre of diluted product; CHEMIGATION: Apply this product only through low pressure, drip (trickle) or sprinkler (center pivot, lateral move, end tow, side (wheel) roll, traveler, solid set, or hand move) irrigation systems. Do not apply this product through any other type of irrigation system.

*Do not connect an irrigation system (including greenhouse systems) used to apply pesticides to any public water system unless the pesticide label prescribed safety devices for public water systems are in place.

APPLICATION RATES:

Foliar - in all crops: 40-55 Oz./Acre. Use at least 10 gallons of total spray volume per acre. Re-apply once every 2 weeks or as needed.

Soil & Chemigation - all crops: 80-150 Oz./Acre. Between replanting, during transplant, or during any growth stage, when nematodes are present. Begin applications when pest first appear, do not wait until crop is heavily infested.

Repeat treatments on a 7 day minimum spray interval to maintain desired level of control. There are no limits on the number of applications per season.

Seed treatment: 7-14oz/100 pounds of seed. Apply as a water-based slurry through standard slurry or mist-type commercial seed treatment equipment.

*Seed treatment prior to planting only.

For Seed Piece Treatment: 7-14 oz/100 pounds of seed Mix product in 10 gallons of water. Dip tubers in mixture prior to planting. Plant tubers wet or allow to dry

TARGET PESTS:

Fungi and Oomycetes: Alternaria, Anthracnose, Armillaria, Botrytis, Cladosporium, Coleoptera, Colletotrichum, Curvularia, Downy Mildew, Fusarium, Macrophomina, Melanose, Monilinia, Phoma (onion pinkroot rot), Phomopsis, Phytophthora, Powdery Mildew, Pythium, Rhizoctonia, Sclerotinia, Sclerotium, Sooty Mold, Stromatinia (Brown patch), Verticillium. Bacteria: Agrobacterium, Aspergillus, Bacterial Blast, Clavibacter, Erwinia, Pectobacterium, Pseudomonas, Xanthomonas. Viruses: Mosaic viruses and Potato Virus X. Insects: *Aphids, Borers, Cereal Leaf Beetle, Colorado Potato Beetle, Corn Borers, Corn Earworm, Corn Root Maggots, Corn Rootworm, Crickets, Diamondback Moth, Grasshoppers, Leaf Miners, Mealy Bugs, Mites, Pea Weevils, Plant Bugs, Pine Beetles, Psyllids, Slugs, Snails, Stink Bugs, Sugarcane Aphids, Thrips, White Flies, Wireworms. *Provides indirect control of insects by stimulating plant defense pathways which deter insects from feeding on the crop and prevent insect pest populations from growing to infestation levels.

Nematodes: Gall nematode (Anguina spp.), Guava nematode (Meloidogyne spp.), Potato cyst nematode (Globodera spp.), Reniform nematode (Rotylenchulus spp.), Root-knot nematode (Meloidogyne spp.), Root-lesion nematode (Pratylenchus spp.), Soybean Cyst Nematode (Heterodera spp.), Stem nematode (Ditylenchus spp.), Sting nematode (Belonolaimus spp.)

KITOGARD

Improved Root Growth Plant Defense & Disease Suppression Nematode Suppression

0 Hour REI
0 PHI

MRL
Exempt



CAUTION: KEEP OUT OF REACH OF CHILDREN
See Precautionary Statements on the Label

Manufactured and
Guaranteed by:



asfertglobal

A budding new agriculture

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This product is exempt from registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) Section 25(b).

CAUTION

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENT (GHS-US): Avoid breathing mist, spray, vapors. Wash face, hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection, face protection, protective gloves. **If on skin:** Wash with plenty of water. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor if you feel unwell. **If skin irritation occurs:** Get medical advice/attention. **If eye irritation persists:** Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

STORAGE: Keep the product away from exposure to air, sunlight, moisture or heat.

CONTAINER HANDLING: Nonrefillable container. Dispose the container accordingly to federal, state and local environmental laws and regulations.

CONDITIONS OF SALE AND WARRANTY

The Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon Seller. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Seller and is accepted as such by the buyer. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of Seller's liability.

NET CONTENTS: 265 Gal (1003L)



5.0 Gal (18.9L)



2.5 Gal (9.46L)



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SymAgro

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