



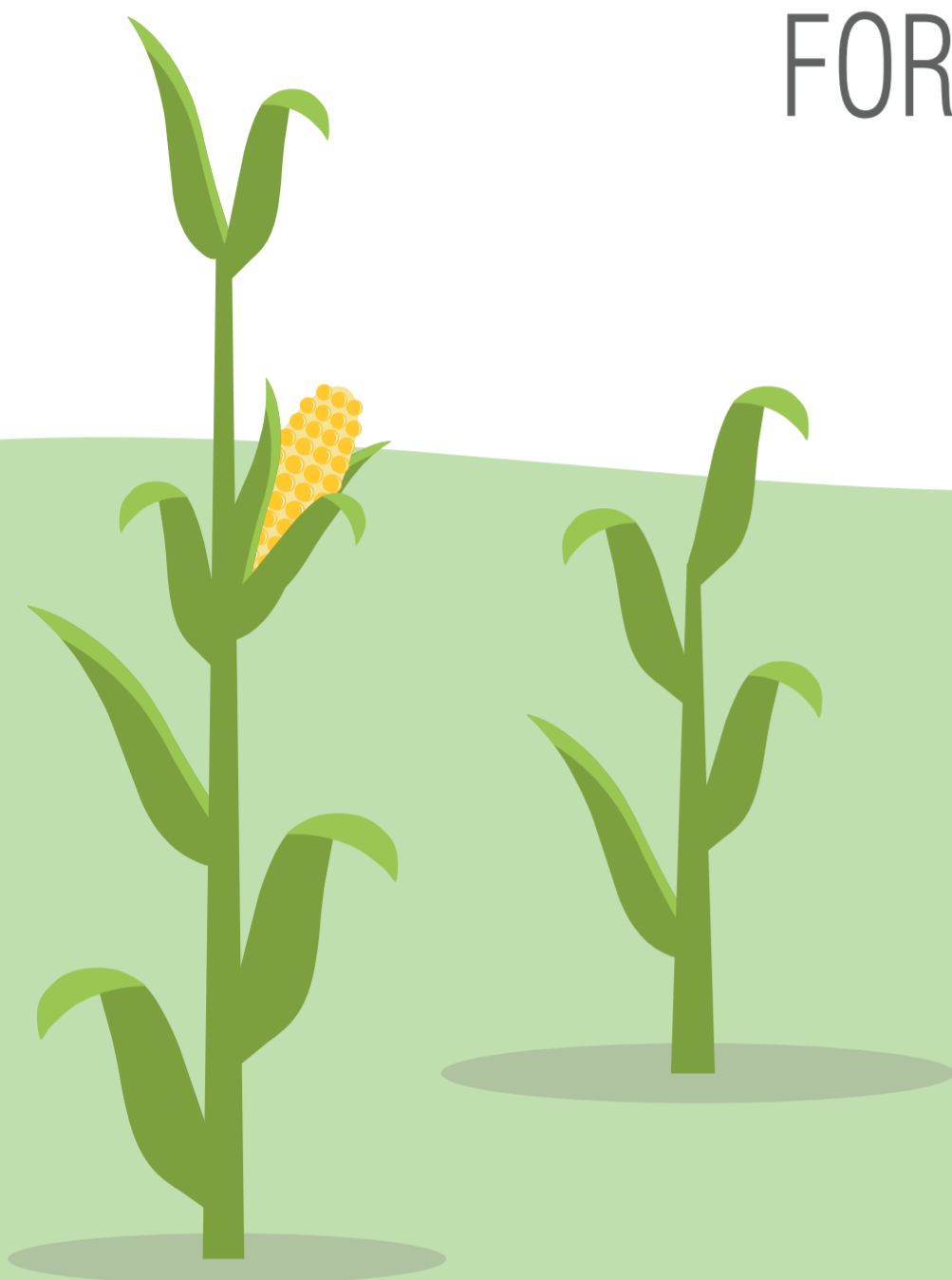
Silicon Dioxide GROUP UNM INSECTICIDE



AgriDiatomSil

Insecticide derived from Diatomaceous Earth

FOR CROPS, VEGETABLES & FRUIT PLANTS.



ACTIVE INGREDIENT:

Diatomaceous Earth, Consisting of:

Silicon Dioxide.....	85.0%
OTHER INGREDIENTS.....	15.0%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Call 1-800-222- 1222.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

NET CONTENTS
44 lbs. (20 kg)

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Use adequate ventilation and avoid breathing dust. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N1, R, or P filter; OR a NIOSH approved elastomeric particulate respirator with any N1, R, or P filter; OR a NIOSH approved powered air-purifying respirator with a HE filter.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants, xs
- shoes and socks
- Wear a suitable dust mask approved by NIOSH.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been heavily contaminated with the product. Do not reuse them. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash the pesticide off the treatment area.

PRODUCT INFORMATION

AgriDiatomSil is a mineral product derived completely from Diatomaceous Earth. It is very effective to control crawling insects that have an exoskeleton. When AgriDiatomSil comes in contact with the insects, the sharp edges lacerate the insect's waxy exoskeleton and then the powdery material absorbs the body fluids and dehydrates the insects. This product is for agricultural use only.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

AGRICULTURAL USE REQUIREMENTS:

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Workers Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

- Coveralls over long-sleeved shirt and pants,
- Chemical-resistant gloves made of any waterproof material, and
- Shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

RESISTANCE MANAGEMENT RECOMMENDATIONS: For resistance management, AgriDiatomSil contains a Group UNM insecticide. Any (insect/mite) population may contain individuals naturally resistant to AgriDiatomSil and other UNM insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay insecticide resistance, take the following steps:

- Rotate the use of AgriDiatomSil or other Group UNM insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - * Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - * Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - * When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - * Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - * The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact AgroNutritionals LLC at agronutritionals@gmail.com

ROOT AND TUBER VEGETABLES (GROUP 1): BEETS, POTATOES, RADISHES, TURNIPS

PESTS	APPLICATION INSTRUCTION:
Aphids, Beet Armyworms, Blister Beetles, Colorado Potato Beetles, Cucumber Beetles, Japanese Beetles, Potato Leafhoppers, Potato Tuber Worms, Psyllids, Thrips, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all exposed plant surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

LEAFY VEGETABLES (GROUP 4B): LETTUCE, SPINACH

PESTS	APPLICATION INSTRUCTION:
Aphids, Armyworms, Corn Earworm, Cucumber Beetles, Diamondback Larvae and Moth, Flea Beetles, Leafhoppers, Leafminers, Loopers, Salt Marsh Caterpillar, Stink Bugs, Thrips, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

BRASSICA LEAFY VEGETABLES (GROUP 5): BROCCOLI, BRUSSEL SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE, MUSTARD GREENS

PESTS	APPLICATION INSTRUCTION:
Aphids, Armyworms, Cabbage Loopers, Cabbage Maggots, Corn Earworm, Crickets, Cross-striped Cabbageworms, Cucumber Beetles, Diamondback Larvae and Moth, Flea Beetles, Imported Cabbageworms, Leafhoppers, Saltmarsh Caterpillar, Stink Bugs, Thrips, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

LEGUME VEGETABLES (GROUP 6): BEANS, PEAS

PESTS	APPLICATION INSTRUCTION:
Aphids, Bean Beetles, Beet Armyworms, Caterpillars, Corn Earworm, Cucumber Beetles, European Corn Borer, Grasshoppers, Japanese Beetles, Eriophyid Mites, Leafminers, Loopers, Mexican Bean Beetles, Stink Bugs, Thrips, Webworms, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

FRUITING VEGETABLES (GROUP 8): EGGPLANT, OKRA, PEPPERS, TOMATOES

PESTS	APPLICATION INSTRUCTION:
Aphids, Armyworms, Corn Earworms, European Corn Borer, Flea Beetles, Eriophyid Mites, Japanese Beetles, Leafminers, Loopers, Pepper Weevils, Psyllids, Stink Bugs, Thrips, Tomato Budworms, Tomato Bugs, Tomato Fruit worms, Tomato Hornworms, Tomato Pinworms, Tomato Russet Mite, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

CUCURBIT VEGETABLES (GROUP 9): CUCUMBER, CANTALOUPE, PUMPKIN, SQUASH, WATERMELON

PESTS	APPLICATION INSTRUCTION:
12-Spotted Cucumber Beetles, Aphids, Armyworms, Cabbage Looper, Corn Earworm, Cucumber Beetles, Eriophyid Mites, Grasshopper, Leafhoppers, Squash Bugs, Stink Bugs, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

CITRUS FRUITS (GROUP 10): GRAPEFRUIT, LEMON, LIME, MANDARIN (TANGERINE), ORANGE (SWEET, SOUR)

PESTS	APPLICATION INSTRUCTION:
Aphids, Eriophyid Mites, Fruit Flies, Fruit Tree Leaf rollers, Mealybugs, Navel Orange Worms, Psyllids, Scale, Thrips, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

POME, STONE & BERRY FRUITS (GROUP 11, 12, 13): APPLE, LOQUAT, PEAR, PEACH, PLUM, CRANBERRY

PESTS	APPLICATION INSTRUCTION:
Aphids, Apple Maggots, Codling Moth, Eriophyid Mites, Green Peach Aphids, Leafhoppers, Leafminers, Mealy bugs, Pear psyllids, Scale, Whiteflies	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

CEREAL GRAINS (GROUP 15): CORN (FRESH SWEET AND DRIED FIELD), RICE, SORGHUM, WHEAT, OATS, BARLEY

PESTS	APPLICATION INSTRUCTION:
Aphids, Beet Armyworm, Corn Earworm, Cucumber Beetle, European Corn Borer, Grasshopper, Greenbugs, Japanese Beetle, Maggots, Rice Weevils, Southern Chinch Bug, Stink Bugs	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

GRASS & NONGRASS (GROUP 17 & 18): FORAGE, HAY, SUGARCANE, ALFALFA

PESTS	APPLICATION INSTRUCTION:
Aphids, Armyworms, Blister Beetles, Caterpillars, Flea Beetles, Grasshoppers, Hornworms, Loopers, Potato Leafhoppers, Stink Bugs, Webworms	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

OILSEED FIELD CROPS (GROUP 20): COTTON, PEANUTS, SOYBEANS

PESTS	APPLICATION INSTRUCTION:
Aphids, Armyworms, Bean Beetle, Blister Beetles, Boll Weevils, Cabbage Looper, Caterpillar, Corn Earworm, Cucumber Beetle, European Corn Borer, Grasshopper, Japanese Beetle, Leafhoppers, Leafminers, Loopers, Saltmarsh Caterpillar, Stink Bugs, Thrips, Webworms	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

STALK, STEM AND LEAF PETIOLE VEGETABLE (GROUP 22): ASPARAGUS, CELERY

PESTS	APPLICATION INSTRUCTION:
Aphids, Asparagus Beetles, Armyworms, Corn Earworm, Crickets, Cross-striped Cabbageworms, Cucumber Beetle, Leafhoppers, Diamondback Moths, Eriophyid Mites, Flea Beetles, Japanese Beetles, Loopers, Stink Bugs, Thrips	Mix 4 lbs (1.8 kg) in 50 gallons (190 L) of water to apply per acre of crop. Apply as a thin layer covering all plant and leaf surfaces. AgriDiatomSil adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and/or rain.
RESTRICTIONS: Pre-Harvest Interval (PHI): None. Minimum interval between applications: None Maximum AgriDiatomSil allowed per crop season: None	

As an additional caution against rain wash, you can mix AgriDiatomSil with an adjuvant to further prevent being washed away.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: If empty do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTE: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with the applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

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PRODUCT OF INDIA

Net Weight: 44 lb (20 kg)

Batch No: _____

Manufactured Date: _____

