



ARMOREX

FULL SPECTRUM SOIL TREATMENT

KILLS AND CONTROLS SOIL NEMATODES, FUNGUS AND INSECTS

For Vegetables, Berries, Herbs, Ornamentals, Flowers, Shrubbery, Fruits and Turfgrass.

ARMOREX is a formula that uses only natural ingredients to create a unique pesticide alternative that kills on contact and maintains a repellent action against many soil insects, nematodes and fungi

ARMOREX is exempt from an EPA residue tolerance requirement.

PESTS CONTROLLED

PARASITIC NEMATODES, INCLUDING: Meloidogyne spp. (Root-knot) Tylenchus, Pratylenchus, Xiphinema, Criconemoides, Hoplolaimus, Belonolaimus, Helicotiyenchus and Paratylenchus.

SOIL BORNE FUNGI, INCLUDING: Pythium, Rhizoctonia, Fusarium, Phytophthora.

INSECTS IN THE SOIL AT THE TIME OF TREATMENT INCLUDING: Wire worms, Cut worms and White grubs.

TARGET CROPS: Tomatoes, Peppers, Strawberries, Watermelon, Muskmelon, Summer Squash, Winter Squash, Lettuce, Chard, Broccoli, Cauliflower, Cabbage, Carrots, Potatoes, Beets, Eggplant, Onions, Asparagus, Pineapples, Citrus, Deciduous Fruits, Grapes, Evergreens plus other Vines, Ornamentals, Other Flower, Herb, Vegetable, Fruit Crops, Lawns and Turfgrass .

NO RE-ENTRY RESTRICTIONS!!

Greenhouse Soil Treatment: Entry may be made immediately after treatment.

Outdoor Soil Treatment: Entry may be made immediately after treatment.



Soil Technologies Corp.
2103 185th Street, Fairfield, IA 52556, U.S.A.
641-472-3963 FAX: 641-472-6189
www.soiltechcorp.com



ARMOREX

FULL SPECTRUM SOIL TREATMENT

FARM FIELD PRETREATMENT SOIL PREPARATION:

Plow or rip the soil to the depth to which effective treatment is required. The soil should be worked until free of clods. Residue from previous crops should be worked into the soil to allow for decomposition prior to treating soil. To insure maximum spray penetration, the soil moisture at the time of application should be at least in the range of 40-50% of field capacity. For best results, treat soil when the soil temperature is above 45°F (7°C).

APPLICATION METHODS:

Targeted Treatment Zone: The targeted treatment zone is a three-dimensional area which corresponds to the area within which the plant roots are expected to develop. In the case of drip irrigation systems, due to water lateral movement variance, the treatment zone should be defined as that area of the soil which is wetted in the drip irrigation process.

Band Spray Applied: Beds.

Apply by band spraying the treatment, as a part of building a bed. May be split applied and sprayed into different layers of bed during preparation process. May be applied at the end of the bed preparation process. After spraying the soil with the treatment, put down drip line and pull plastic. Use the drip line to irrigate bed, thus incorporating the treatment. Apply an adequate amount of water to bring the soil moisture in the target zone to approximately 70% of field capacity. DO NOT OVER IRRIGATE.

Injection Applied: Beds

Apply ARMOREX through the injection system in the irrigation line. This is after the final pass with bedding equipment and after irrigation line and plastic are installed. Adjust the injection (time vs volume injected) so that the product is uniformly distributed through the beds. After injection, further irrigate the beds to clean the lines, complete incorporation of the treatment and to bring soil moisture in

the target zone to approximately 70% field capacity. DO NOT OVER IRRIGATE.

TURF AND LAWN GRASS APPLICATION:

Mix dosage with water. Use 100 gallons of water per acre (1000 L/HA). Spray target turf or lawn grass. Use overhead irrigation sprinkler system to incorporate treatment. Repeat treatment as necessary, every 40-60 days to control target pest.



Surfactants may be used in the tank mix of Armorex with water, to aid incorporation into the soil matrix. As a precaution, do a bottle test with water, Armorex and the surfactant to test for basic compatibility.

DOSAGE: Applicable to greenhouses or open fields. Apply dosage to the target treatment zone. The treated areas should remain undisturbed for a minimum of 3 days following application of Armorex. Wait a minimum of 3 days before planting or transplanting into the treatment zone. Dosages are for the targeted treatment zone area and for the targeted specific grassed surface area.

Type of Crop	Per 1000 ft ²	Per m ²
Greenhouse and field Crops Pre-Planting	6.3 oz.	2.0 ml
Turf and Lawn Grass	5.6 oz.	1.7 ml

FIELD AND GREENHOUSE CROPS - POST-PLANT TREATMENTS:

Apply a second application of Armorex post-planting about fifty days after the first application, and again about fifty days after the second application. A third application is acceptable, depending on length of crop cycle. For all crop post-plant applications use a dosage of 0.6 ml per m² (1.9 fl oz per 1000 sq ft). Use the injection into the drip irrigation line method of application, see above information.

DRENCH APPLIED:

For larger plants (example: trees, shrubs and bushes). Assumes no plastic used to cover the treated area. Assumes mechanical or manual application procedure. Apply product above the target treatment zone at the rate of 1.9 oz per 1000 square feet (0.6 ml/m²) of applied surface area to treat the first 8 inches (20 cm) of soil depth. Adjust to larger proportionate dosages to treat deeper levels of the soil profile. Apply product first and then drench into target zone or apply product in the drench water.

Repeat as necessary every 40-60 days to control pest.