

# **COTTON (DELINTED SEED ONLY) (FOR END-USE APPLICATION AT AGRICULTURAL ESTABLISHMENTS)**

## General Information

### APPLICATION INSTRUCTIONS

#### ALWAYS MIX THIS PRODUCT THOROUGHLY BEFORE USING

For soil applications of S-Cloprid 4 AG, direct product into the seed or root-zone of crop. Failure to place S-Cloprid 4 AG into root-zone may result in loss of control or delay in onset of activity. S-Cloprid 4 AG may be applied with ground or chemigation application equipment.

#### Restrictions:

Do not apply S-Cloprid 4 AG in enclosed structures such as planthouses or greenhouses except as specifically instructed in the TOBACCO, CUCURBIT VEGETABLES, FRUITING VEGETABLES, and GREENHOUSE VEGETABLES, Cucumber and Tomato only (Mature plants in production greenhouses) sections of this label.

**APPLICATION DIRECTIONS FOLIAR:** Apply foliar applications of S-Cloprid 4 AG as a directed or a broadcast foliar spray. Thorough coverage of foliage is necessary without runoff for optimum insecticidal efficacy. Use adequate spray volumes, properly calibrated application equipment, and spray adjuvant if necessary to obtain thorough coverage. Failure to provide adequate coverage and retention of S-Cloprid 4 AG on leaves and fruit may result in loss of insect control or delay in onset of activity. Apply S-Cloprid 4 AG with properly calibrated ground or aerial application equipment. Minimum spray volumes, unless otherwise specified on crop-specific applications sections, are 10 gallons per acre by ground and 5 gallons per acre by air. S-Cloprid 4 AG may also be applied by overhead chemigation (see additional information in CHEMIGATION section of this label below), if allowed in crop-specific application section.

**APPLICATION DIRECTIONS SOIL:** When applied as a soil application, optimum activity of S-Cloprid 4 AG results from applications to the root zone of plants to be protected. The earlier S-Cloprid 4 AG is available to a developing plant, the earlier the protection begins. S-Cloprid 4 AG is continuously taken into the roots over a long period of time, and the systemic nature of S-Cloprid 4 AG allows movement

from roots through the xylem tissue to all vegetative parts of the plant. This results in extended residual activity of S-Cloprid 4 AG, the control of listed insects, and the prevention and/or reduction of plant virus transmission or symptom expression, and plant health benefits. The rate of S-Cloprid 4 AG applied affects the length of the plant protection period. Use higher listed rates when infestations occur later in crop development or where pest pressure is continuous. S-Cloprid 4 AG will generally not control insects infesting flowers, blooms, or fruit. Additional crop protection may be required for insects feeding in or on these plant parts, and for insects not listed in the crop-specific, pests-controlled sections of this label.

Additionally, specific S-Cloprid 4 AG application instructions are also provided in the crop-specific sections of this label.

Suppression, or less than complete control of certain insect pests that may carry diseases including reduced feeding, may also result from an S-Cloprid 4 AG application. Residual control of these pests may require supplemental control measures.

S-Cloprid 4 AG is not allowed for use on crops grown for production of true seed intended for private or commercial planting unless allowed under 24(c) state-specific labeling. Additional information on S-Cloprid 4 AG uses for these crops and other questions may be obtained from the Cooperative Extension Service, PCA's, consultants, or local Direct Ag Source, LLC representatives.

Apply only to plants grown in field-type soils, potting media, or mixtures thereof. Do not apply to plants grown in nonsoil medias such as perlite, vermiculite, rock wool, or other soilless media, or plants growing hydroponically. Pre-mix S-Cloprid 4 AG with water or other appropriate diluent prior to application. Keep S-Cloprid 4 AG and water suspension agitated to avoid settling.

#### Restrictions:

Do not apply more than 0.5 lb. active ingredient per acre, per year (365 days) regardless of formulation or method of application unless specified within the crop-specific, application section for a given crop.

#### Limitations, Restrictions, and Exceptions

#### SEED TREATMENT

S-Cloprid 4 AG may be used as a seed treatment insecticide that protects the

labeled seeds and seedlings from injury from certain early-season insects. S-CLOPRID 4 AG will also provide protection to seed in storage against damage from certain insects. Federal regulations have established official tolerances for pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use this product only at the rates contained on the label.

S-CLOPRID 4 AG is formulated for both commercial and (for specific crops) agricultural establishment (on-farm) application. See below for Seed Treatment directions by crop, for application details. S-CLOPRID 4 AG may be applied with mechanical, slurry, or mist-type seed treating equipment, provided that the equipment is calibrated to accurately and uniformly apply the product to seed. Uniform application to seed is necessary to ensure best insect protection and optimum performance. Only sound and well-cured seed are to be treated. Refer to the application instructions below for label rates and application details. S-CLOPRID 4 AG will treat similarly to other concentrated imidacloprid seed treatment formulations. The specific treating process and equipment that is most suitable depend on factors such as the seed type, rate, treater type and temperature. Contact your local Direct Ag Source representative or supplier for specific recommendations if assistance is required.

**Seed Dye or Colorant:** The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye or colorant added to treated seed must be cleared for use under 40 CFR, Part 153.155.

**SEED TREATMENT FOR EARLY SEASON PROTECTION AGAINST CERTAIN SUCKING INSECTS-S-CLOPRID 4 AG** will aid in the early season protection of seeds and seedlings against injury by certain insects. S-CLOPRID 4 AG kills listed pests which may vector certain viruses.

**Cotton (Delinted Seed Only)**

**For End-Use Application At Agricultural Establishments:** Always mix product thoroughly before using. Apply using equipment such as a HCBT or Eight-Bag Batch Treater at rates listed in the table below. This product may be diluted/slurried with water or an approved fungicide for disease control. Mix slurry so that rate is 8 to 10 fluid ounces of diluted slurry per 50 pounds of seed. When using a batch treater, treat one-half of the seed with one-half of the slurry; then add the remainder of

seed and slurry, and continue mixing until all seed is thoroughly covered.

Method

[Slurry treatment](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Exception: If the product is soil injected or soil incorporated, or once the treated seed is planted in soil or other planting media, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

[Preplant](#)