

SOIL TREATMENT - CUCURBIT VEGETABLES - PLANTHOUSE APPLICATION (NOT FOR USE)

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

CUCURBIT VEGETABLES

Restrictions:

Planthouse Application

- Maximum amount S-Clopid 4 AG applied in the planthouse: 0.05 fluid ounces S-Clopid 4 AG or 0.00156 lb ai/ 1000 plants
- Maximum number S-Clopid 4 AG applications in planthouse: 1
- Not for use on crops grown for seed.

Applications: Apply specified dosage to seedlings in trays in the planthouse, targeting soil media (tray drench), not more than 7 days prior to transplanting, in one of the following methods:

- Uniform, broadcast high-volume foliar spray, followed immediately by sufficient overhead irrigation to wash S-Clopid 4 AG from foliage into potting media without loss of gravitational liquid from the bottom of the tray. Failure to wash S-Clopid 4 AG from foliage may result in reduced pest control.
- Injection into overhead irrigation system, using adequate volume to thoroughly saturate soil media without loss of gravitational solution from the bottom of the tray. The application made in the planthouse will only provide short-term protection and is not intended as a substitution for a field application. An additional field application must be made within 2 weeks following transplanting to provide continuous protection. Applications of higher rates or increased number of applications in planthouse may result in significant plant injury. Transplants should be handled carefully during setting to avoid dislodging treated potting media from roots.

Important Note: Not all varieties of cucurbit vegetables have been tested for tolerance to S-Clopid 4 AG applied to seedling flats. To check tolerance, treat a small number of plants and confirm tolerance for 7 days prior to treating entire planthouse.

Method

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

21 days

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

[At-Plant](#)