

SOIL TREATMENT - POPLAR/COTTONWOOD - CUTTING/WHIP APPLICATION

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

POPLAR/COTTONWOOD

6.65 – 13.3 fluid ounces per 100 gallons (unhydrated cuttings/whips)

13.3 – 20 fluid ounces per 100 gallons (partially hydrated cuttings/whips)

Pest Suppressed: Aphids, Phylloxera popularia

Applications:

Product absorption into the plant material is affected by 1) the moisture content of the cuttings/whips prior to application, 2) the solution concentration; and 3) the length of soaking intervals. For a constant soaking interval of 24 hours, drier cuttings/whips absorb a higher amount of solution and require a lower concentration. On the other hand, more hydrated cuttings/whips absorb less solution and require a higher concentration. Soaking of cuttings/whips should be done in a covered container without UV light.

Apply specified dosage in one of the following cuttings/whips soaking methods:

- For freshly cut (unhydrated) cuttings/whips, soak plant material in specific solution concentration for 24 hours prior to cold storage. After removal from cold storage, plant as needed.
- For previously hydrated cuttings/whips removed from cold storage, allow plant material to reach room temperature and soak in specified solution concentration for 24 hours prior to planting.
- Proper care should be taken in disposal of any residual soaking solution. Solution may be applied to existing trees or other registered crops as long as all product label precautions and restrictions are observed.

Note: Not all Populus spp. (clones/varieties/hybrids) have been tested for crop safety. Treat a small number of cuttings/whips and evaluate before commercial use.

Method

[Soak](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

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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

[N.A.](#)