

## **TREE NUTS - WEEDS CONTROL AT 0.5 FL OZ PER ACRE**

### General Information

#### PRODUCT INFORMATION

AIM EC is an emulsifiable concentrate formulation. AIM EC is to be mixed with water, liquid fertilizer or mixtures of water and liquid fertilizer and adjuvants and applied to labeled crops and non-crop areas for selective postemergence control of broadleaf weeds, for sucker control, for burndown prior to planting, as a harvest aid and to defoliate/desiccate labeled crops.

Weed control is optimized when the product is applied to actively growing weeds. AIM EC is a contact herbicide. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation. Extremes in environmental conditions such as temperature, moisture, soil conditions, and cultural practices may affect the activity of AIM EC. Herbicide symptoms may be accelerated under moist conditions. Weed control may be reduced when weeds are hardened off by drought and become less susceptible to AIM EC.

AIM EC is rapidly absorbed through the foliage of plants. To avoid significant crop response, applications should not be made within 6 to 8 hours of either rain or irrigation or when heavy dew is present on the crop. Environmental conditions and certain spray tank additives may increase herbicidal symptoms on the crop.

#### ADJUVANT USE REQUIREMENTS

The use of a quality spray adjuvant is required for optimum performance. Refer to the individual crop recommendation sections of this label for specific adjuvant type and use rates.

#### ON-FARM TESTING

Not all varieties or cultivars of labeled crops have been fully evaluated under all environmental and soil conditions. Consult with your local seed company for additional information.

It may also be beneficial to conduct small on-farm trials under actual conditions with specific varieties or cultivars before treating large acreage.

## APPLICATION INFORMATION

### APPLICATION METHODS

#### GROUND APPLICATION

Use ground sprayers designed, calibrated and operated to deliver uniform spray droplets to the targeted plant or plant parts. Adjust sprayer nozzles to achieve uniform plant coverage. Overlaps and slower ground speeds (caused by continuing to spray while starting, stopping or turning) may result in higher application rates and possible crop response.

#### Spray Buffer for Ground Application

Spray buffer zones for ground applications, listed in table below, are required near desirable perennial vegetation or crops before blossom and after total leaf drop, and/or near other desirable or annual crops.

#### Broadcast Boom Sprayers

Use a broadcast boom sprayer equipped with the appropriate nozzles, spray tips and screens and adjusted to provide optimum spray distribution and coverage at the appropriate operating pressures. Use nozzles that produce minimal amounts of fine spray droplets. Do not exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reducing nozzles. Apply a minimum of 10 gallons of finished spray per acre. Use higher spray volumes when there is a dense weed population or crop canopy. Adjust sprayers to position spray tips no lower than 12-18 inches above the crop or weed canopy depending on the nozzle specification. Operate the sprayer to avoid the application of high herbicide rates directly over the rows or into the whorl of treated crop plants.

#### Directed Sprayers

For directed sprayers apply AIM EC with drop nozzles or other spray equipment.

Post directed applications may be utilized when labeled crops have reached minimum growth stages where sprays may be directed to the target weeds, but is not deposited on the green stem, foliage, blooms or fruit of the crop. Do not apply when conditions favor drift or when is above 10MPH.

Use drop nozzles or other spray equipment capable of directing the spray to target weeds and away from sensitive plant parts. Apply when labeled crops have reached minimum growth stages described in specific crop sections of this label and when

spray will not be deposited on green stems, foliage, blossoms or fruit.

#### Hooded Sprayers

To apply AIM EC using a hooded sprayer, refer to the Hooded Sprayer Section for specific adjustment and operation instructions. For additional information, refer to the individual crop sections of this label.

#### Hand held or high volume orchard gun sprayers

AIM EC may be applied to certain labeled crops and non-crop areas with hand operated sprayers such as backpack sprayers, compression sprayers, knapsack sprayers, or high volume orchard gun sprayers. Directed applications may be utilized when labeled crops have reached minimum growth stages where sprays may be directed to the target weeds, but is not deposited on the green stem, foliage, blooms or fruit of the crop. Refer to individual crop sections of this label.

#### AERIAL APPLICATION

Use nozzle types and arrangements that will provide optimum coverage while producing a minimal amount of fine droplets. Apply at a minimum of 3 gallons of finished spray per acre. Spray volumes greater than 3 GPA may be needed for harvest aid and defoliation treatments, or for dense weed populations or with dense crop canopies.

#### CROP ROTATIONAL RESTRICTIONS

Following an application of AIM EC, a treated field may be rotated to a registered crop at any time, subject to specific crop restrictions that may be found in the individual crop sections. All other crops may be planted after 12 months.

#### Limitations, Restrictions, and Exceptions

##### Restrictions

Do not make applications with airblast sprayers.

Do not make applications less than 14 days apart.

Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per application and 7.9 fl oz (0.124 pound active ingredient) per acre per season, including preplant site preparation.

#### DIRECTIONS FOR USE

##### PRODUCTION SYSTEMS

Different production systems dictate different application techniques. Skirted trees

are those allowing the lower branches of the trees to grow to the ground line. Non-skirted trees are grown in production systems where branches are pruned allowing access to the trunk area.

#### Equipment and Application

##### Skirted Orchards and Groves

Hooded sprayers are required for AIM EC applications in skirted trees. Refer to the HOODED SPRAYER APPLICATIONS section of this label.

##### Non-Skirted Orchards and Groves

Apply only by ground equipment such as boom sprayers, shielded or hooded sprayers, hand-held or high-volume wands or orchard guns. Use a minimum of 20 gallons finished spray solution per broadcast acre.

#### Weed Control

Apply AIM EC alone or as a tank mix with other registered herbicides to actively growing weeds. AIM EC is a contact herbicide and coverage is essential for good weed control. Use a minimum of 20 gallons finished spray solution per broadcast acre.

Do not allow AIM EC spray solution to contact green stem tissue, leaves, fruit or blooms of trees.

#### AIM EC Application Rates

Apply AIM EC up to 2 fl oz (0.031 pound active ingredient) per acre for postemergence control of susceptible broadleaf weeds. Refer to weed control list in Table 3 for appropriate weed control information. For best control, apply to seedling weeds in the 2 to 3-leaf stage. For larger weeds up to 6 leaves, use higher labeled rates of AIM EC. Weeds greater than 6 leaves may be only partially controlled.

#### Adjuvant Requirements

Control is enhanced with the addition of a nonionic surfactant (NIS) or crop oil concentrate (COC). Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints NIS per 100 gallons) or a crop oil concentrate at 1% v/v (one gallon COC per 100 gallons). AIM EC may also be applied with labeled rates of MSO or silicone adjuvants.

#### Sucker Management

AIM EC is effective as an aid in the management of undesirable sucker growth from the base of the trunks or root sprouts. Apply AIM EC at 2.0 fl oz (0.031 pound active ingredient) per acre. Suckers and other undesirable growth must be treated when

the tissue is young and not mature and/or hardened off. Care must be taken not to allow spray mist to contact desirable fruit, foliage or green stem tissue (see Precautions).

#### Adjuvant Requirements

Refer to adjuvant section of this label.

#### Chemical Mowing

Apply AIM EC alone or in tank mixtures with other herbicides in chemical mowing practices for orchard vegetation management.

#### Hooded Sprayer Application

Apply AIM EC with hooded sprayers to control labeled weeds between the rows of the crop. Refer to the Hooded Sprayer Applications section of this label for additional specific use directions.

#### Precautions

Extreme caution must be used during applications when desirable fruit and/or foliage are present in order to avoid fruit spotting and/or leaf necrosis. Do not allow spray mist of AIM EC to come in contact with green stem tissue, foliage, blooms or desirable fruit.

On seedling or newly transplanted trees do not allow spray to contact green bark of trunk area. For new seedlings up to 2 year old trees, the trunk base should be wrapped to help prevent chemical contact with the bark.

#### Method

[Broadcast/Foliar Ground](#)

[Hooded spray](#)

#### Pre-Harvest Interval

3 days

#### Restricted Entry Interval

12 hours

#### Timings

[Postemergence \(Weed\)](#)