FIELD CORN (GRAIN, SILAGE AND CORN GROWN FOR SEED) - (POSTEMERGENCE) - BANKS GRASS MITE, ETC.

General Information

DIRECTIONS FOR USE

Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control in your area.

Application Instructions

Rate of application is variable according to pest pressure, timing of sprays, and field scouting. Use lower rates under light to moderate infestations; higher rates under heavy insect pressure and for mite control. Arid climates generally require higher rates.

Broadcast Foliar Application
Apply with conventional power-operated spray equipment using nozzles and spray pressures recommended for insecticides. Apply Tundra Supreme in a spray volume of not less than 2 gallons per acre (gpa) for aerial application equipment (fixed wing or helicopter) or not less than 10 gpa for ground equipment, unless otherwise specified. Increase spray volume to ensure adequate coverage with increased density and height of crop canopy. See Spray Drift Precautions section for recommendations on droplet size.

Ground Application

Orient the boom and nozzles so that uniform coverage is obtained. The swath width should not be wider than the boom. Follow nozzle manufacturer’s recommendations for insecticide nozzles with respect to nozzle type, pressure, and spacing.

Broadcast Soil Application

Apply with conventional power-operated spray equipment that will apply the product uniformly to the soil surface. Use nozzles that produce medium or coarse droplets (235 to 400 microns). Unless otherwise indicated, a spray volume of 10 gpa or more is recommended. For band application, use proportionally less spray volume.

Aerial Application

Use a minimum spray volume of 2 gpa and follow recommendations for best management practices for aerial application, above. Marking of swaths by flagging, permanent markets or use of GPS equipment is recommended.

Limitations, Restrictions, and Exceptions

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Apply as a postemergence broadcast spray using sufficient spray volume to ensure thorough coverage of treated plants, but no less than 15 GPA for ground spray equipment or 2 to 5 GPA for aircraft equipment. Control may be reduced at low spray volumes under high temperature and wind conditions.

To improve control by aircraft, use 5 gallons of finished spray per acre particularly
when initial populations are heavier than normal. Thorough coverage is essential to achieve control.

Chemigation: This product may be applied through sprinkler irrigation systems at instructed broadcast application rates to control listed foliar pests. See Chemigation section for application instructions.

This product may be tank mixed with glyphosate products when application is to be made to glyphosate-tolerant corn.

Refer to table below for rates of application and for spray volumes for control of specific pests.

REMARKS:

Pest-Specific Use Directions:

(1) Apply for Banks grass mite control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant.

(2) For two-spotted spider mite and carmine mite control: Apply when colonies first form prior to leaf damage or discoloration and before wide-spread mite dispersal throughout the canopy.

Higher rates will be necessary for heavier initial populations and corn under heat or drought stress. Field experience with dimethoate at 0.5 lb. a.i. per acre in tank mixture has demonstrated good control under these conditions.

For mite control in Texas, New Mexico, Oklahoma, and Arizona, apply in a minimum of 5 gallons of finished spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment.

Use Restrictions:

- Do not make more than 3 applications of any product containing chlorpyrifos per season, including the maximum allowed of 2 granular applications, at the 1 lb ai chlorpyrifos rate.

- Do not make a second application of Tundra Supreme or other product containing chlorpyrifos within 10 days of the first application.
- Do not graze livestock in treated areas or cut treated crops for feed within 30 days of the last application.

- Use of ultra low volume (ULV) application on corn is prohibited.

- Do not make aerial or ground applications to corn if heavy rainfall is imminent.

- Use of this product on corn is prohibited in all coastal counties.

- Do not apply in tank mixes with Steadfast or Lightning herbicides.

Method

Broadcast/Foliar Air
Broadcast/Foliar Ground
Broadcast/Foliar Air
Broadcast/Foliar Ground
Broadcast/Foliar Air
Broadcast/Foliar Ground

Pre-Harvest Interval

30 days

Rates

field_rates 0

Restricted Entry Interval

24 hours

Exception: If the product is soil-injected or soil-incorporated, 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.

Tillages

Conventional

Timings

Postemergence (Crop)

Bank grass mite: When colonies first form to leaf damage or discoloration and before dispersal above the bottom third of the plant.
Two-spotted spider mite and Carmine mite: When colonies first form prior to leaf damage or discoloration and before wide-spread mite dispersal throughout the canopy.