

Prime +™

A Plant Growth Regulator for Control of Tobacco Suckers

Active Ingredient

2-chloro-N-[2,6-dinitro-4-(trifluoromethyl) phenyl]-N-ethyl-6-fluorobenzenemethanamine 15%

Inert Ingredients 85%

Total 100%

Prime + contains 1.2 lbs active ingredient per gallon

EPA Reg No 100-640

Keep Out of Reach of Children.

Danger

See additional precautionary statements inside booklet

CGA 73L7 043

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

General Information

Prime + is a plant growth regulator for use as a topical treatment for the control of sucker growth on flue-cured, burley, dark, Maryland, and cigar tobacco.

One application of Prime + will provide full season control of excessive sucker development in tobacco. Read this label carefully and observe all directions and precautions.

Mixing Instructions

Mix Prime + with water and apply as a spray. Do not mix Prime + with other chemicals. Provide sufficient agitation during mixing and application to maintain a uniform mixture. Apply with ground equipment in 30 to 50 gals of spray solution per acre. Within this spray volume range, use a high volume on tall growing types of tobacco such as flue-cured, burley, Maryland and cigar, and use a low volume on short growing types of tobacco such as dark.

Directions for Use

Rate of Application

Apply 3-4 qts of Prime + per acre. Use the low rate only when tobacco crop is uniform and relatively low sucker pressure is expected. Use the high rate in large, fast growing tobacco where relatively high sucker pressure is expected.

Time of Application

Apply Prime + when most tobacco plants are in the elongated button to early flower stage. Final topping may be completed before or after Prime + application. If topped before, apply Prime + within 24 hours of topping. Remove all suckers one inch or longer from all plants during final topping. (See notes listed below.)

Method of Application

If power equipment is used, direct a coarse spray downward at the top of the tobacco stalk. This is best accomplished with three full cone nozzles per row, one nozzle directed downward over the center of the row and one 7 to 9 inches to each side of the center, directed at the top of the stalk. Maintain nozzles at a height of 12 to 16 inches above the top of the stalk during application. Boom pressure should be maintained at 20-25 psi and should not exceed 30 psi.

If a hand held applicator such as a backpack sprayer is used, the diluted spray solution should be applied at a rate of 2/3 to one ounce per plant. A coarse spray directed downward at the top of the stalk from 6-8 inches above the top leaves is recommended.

Notes:

1. Timing is important, applications should be made at timing described above so that number and size of suckers will be small. Applications made during early button stage may result in chemical topping and upper leaf distortion. Spraying at full flower or later may result in poor sucker control.
2. Prime + will not control large suckers. All suckers one inch or longer on all plants must be removed at final topping. Hand remove any suckers that escape treatment during season.
3. Where a contact fatty alcohol is commonly used to control early suckers and to provide a more uniform crop, the normal sequence would be: (a) apply contact material according to that label and (b) about 5 days after application of contact material, apply Prime +. Timing of Prime + application should still be during the elongated button to early flower stage.
4. Where a contact fatty alcohol is not used and a wide range of flowering exists, the early flowering plants should be topped and suckers removed. Then, when most plants are in the elongated button to early flower stage, apply Prime +.

5. For proper control, Prime + must contact the suckers or the axil where the leaf and stalk connect. Prime + will not control suckers on plants that are leaning at time of application. Applications during windy periods are not recommended. High wind will disrupt the spray pattern and turn leaves causing improper contact and flow of the spray solution, resulting in poor sucker control. Application to wet plants, or to wilted plants may result in poor sucker control.

6. Follow the use rates recommended carefully, spray field uniformly, and use the spray volume recommended. Volume should be sufficient to contact each leaf axil and just run down the stalk to the ground line.

7. Rain occurring within 2 hours after spraying may reduce effectiveness.

8. Do not mix Prime + with other chemicals.

Rotational Crops

Tobacco may be planted the year following application. Other crops may be planted 18 months following application.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose in a sanitary landfill or by incineration if permitted by state and local authorities.

Store at temperatures above 32°F

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER

Corrosive — causes eye damage. Causes skin irritation or skin sensitization on repeated contact. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and protective clothing when handling. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mist.

First Aid: In case of contact with the eyes, immediately flush with plenty of water and get medical attention. In case of contact with skin, wash immediately with soap and water. If swallowed, drink plenty of water. Do not induce vomiting. Avoid alcohol. Call a physician immediately. In case of inhalation exposure, move from the contaminated area. **Note to Physician:** There is no specific antidote for Prime +. Lavage stomach. Give a saline laxative or slurry of activated carbon in water and supportive therapy.

Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to lakes, streams, or ponds. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

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