

# **COMMERCIAL SORGHUM SEED TREATMENT - ADDITION OF SUGARCANE APHID - ALABAMA, ARKANSAS ETC.**

General Information

## **USE INFORMATION**

PONCHO /VOTiVO is a combination insecticide and biological seed treatment that, when applied to seed, protects the seed and seedling against certain early season insects and provides early season protection from listed plant pathogenic nematodes that attack the root system. As a result of the dual protection, there is an improvement in plant vigor, which often results in more uniform plants and greater yields. In areas of high nematode infestation additional control measures may be warranted.

## **DIRECTIONS FOR SEED TREATMENT**

All seed treated with this product must be colored with an EPA-approved dye or colorant that imparts an unnatural color to the seed to help prevent the inadvertent use of treated seed for food, feed or oil purposes.

## **FOR USE AS A SEED TREATMENT**

Apply PONCHO/VOTiVO as a commercial water-based slurry either alone or with other registered seed treatment insecticides and fungicides through standard slurry or mist commercial seed treatment equipment. Follow the most restrictive of the labeling limitations and precautions of all products used in mixtures. Treated seed must be labeled in accordance with the requirements of the Federal Seed Act.

## **APPLICATION RATES**

May be used in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

## **RESTRICTIONS:**

Regardless of type of application (seed treatment or foliar), do not apply more than

0.2lbs (Soybean), 0.1lbs (corn), 0.2lbs (cotton), 0.14lbs (Sugarbeet), or 0.02lbs (sorghum) of active ingredient clothianidin per acre per season.

## Resistance Management

The components in Poncho/VOTiVO belong to multiple chemistry classes. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotating and/or tank mixing with products having different modes of action; or limiting the total number of applications per season.

Use labeled rates. Contact your local extension specialist, certified crop advisor, and/or manufacturer for fungicide/insecticide resistance management and/or integrated pest management recommendations for specific crops and pest populations. Bayer CropScience encourages responsible product stewardship to ensure effective long-term control of pests on the label.

## SEED BAG TAG

The Federal Seed Act requires that the container of seed treated with PONCHO/VOTiVO must be labeled with the following statements:

- This seed has been treated with PONCHO/VOTiVO, which contains 40.3% clothianidin and 8.1% Bacillus firmus I-1582.
- Use planting equipment that will plant treated seed into the soil to a minimum depth of 0.5 inch.
- Do not use treated seed for food, feed, or oil production. Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice. In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with PONCHO/VOTiVO:
  - Regardless of type of application (seed treatment or foliar), do not apply more than 0.2lbs (Soybean), 0.1lbs (corn), 0.2lbs (cotton), 0.14lbs (Sugarbeet), or 0.02lbs (sorghum) of active ingredient clothianidin per acre per season.
  - Store away from feeds and foodstuffs.
  - Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
  - Dispose of all excess treated seed. Left over treated seed may be double sown

around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.

- Dispose of seed packaging in accordance with local requirements.
- This compound may be highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.
- This compound is toxic to birds and mammals. Treated seeds exposed on soil surface may be hazardous to birds and mammals. Cover or collect treated seeds spilled during loading.
- For Field Corn, Popcorn and soybeans: Immediate Plant-back: Cereal grains, Field corn, popcorn, sweet corn, cotton, rapeseed, canola, soybeans, root and tuber vegetable, 30-Day Plant-back: Grasses, non-grass animal feeds, dry beans, 8-Month Plant-back: Sugar cane, 12-Month Plant-back: Any crops without an earlier plant-back interval.
- For Cotton, Sweet corn, and Sorghum: Immediate Plant-back: Cereal grains, Field corn, popcorn, sweet corn, cotton, rapeseed, soybeans, canola, sorghum, root and tuber vegetables, 30-Day Plantback: Grasses, non-grass animal feeds, dried beans, 4-Month Plant-back: Any crop without an earlier plant-back interval
- For Sugarbeet: Immediate plant back: cotton, corn (field, sweet and pop), rapeseed, sorghum, sugarbeet, canola and soybeans. These areas may also be replanted after 30 days with cereal grains (Crop Group 15 except rice), dried beans, and dried peas. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.
- In soybean, foliar sprays of clothianidin can be applied 45 days after planting Poncho/Votivo treated seeds for mid-to-late season foliar insects.
- Do not graze or feed soybean forage and hay to livestock.

#### Limitations, Restrictions, and Exceptions

#### ADD SUGARCANE APHID (MELANAPHIS SACCHARI) FOR COMMERCIAL SORGHUM SEED TREATMENT

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE(S) OF ALABAMA, ARKANSAS, FLORIDA, GEORGIA, IOWA, KANSAS, LOUISIANA, MISSOURI, MISSISSIPPI, NEBRASKA, NEW MEXICO, OKLAHOMA, TENNESSEE AND TEXAS

## REMARKS:

Apply prior to planting as a slurry treatment to provide early season protection of seedlings. Ensure thorough coverage.

## RESTRICTIONS:

Regardless of type of application (seed treatment or foliar), do not apply more than 0.02lbs (sorghum) of active ingredient clothianidin per acre per season.

## SEED BAG TAG

The Federal Seed Act requires that the container of seed treated with Poncho/VOTiVO must be labeled with the following statements:

- This seed has been treated with PONCHO/VOTiVO, which contains 40.3% clothianidin and 8.1% Bacillus firmus I-1582.
- Do not use treated seed for food, feed, oil production or ethanol production.
- Use planting equipment that will plant treated seed into the soil to a minimum depth of 0.5 inch. In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with Poncho/VOTiVO
- Regardless of type of application (seed treatment or foliar), do not apply more than 0.02lbs (sorghum) of active ingredient clothianidin per acre per season.
- Store away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
- Dispose of all excess treated seed. Left over treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.
- Dispose of seed packaging in accordance with local requirements.
- This compound may be highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.
- This compound is toxic to birds and mammals. Treated seeds exposed on soil surface may be hazardous to birds and mammals.
- Cover or collect treated seeds spilled during loading.
- For Cotton, Sweet corn, and Sorghum: Immediate Plant-back: Cereal grains, Field corn, popcorn, sweet corn, cotton, rapeseed, soybeans, canola, sorghum, root and

tuber vegetables, 30-Day Plant-back: Grasses, non-grass animal feeds, dried beans,  
4- Month Plant-back: Any crop without an earlier plant-back interval

Method

[Seed Treatment](#)

Rates

[field rates 0](#)

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Timings

[Preplant](#)