

TOBACCO (FLUE-CURED ONLY) - DIRECTED SPRAY APPLICATION

General Information

GENERAL INFORMATION

COTTON

A foliar spray of HarvestPro will accelerate opening of mature unopened cotton bolls and enhance defoliation which can result in earlier harvest with an increased recoverable yield. HarvestPro treatment allows increased efficiency from a once-over harvest.

TOBACCO (FLUE-CURED)

A foliar spray of HarvestPro promotes early, uniform “yellowing” of mature tobacco. HarvestPro reduces curing time, allowing more efficient use of curing barn space, and increased control over harvest schedules.

USE PRECAUTIONS

Do not apply HarvestPro through any type of irrigation system.

Do not plant another crop within 30 days after treatment.

Mix only the amount of spray you expect to use each day. Do not allow mixed solution to stand overnight.

Avoid spray drift to nearby crops as this product will cause modifications in plant growth. Plant injury or reduced yields will result.

Limitations, Restrictions, and Exceptions

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Specific Directions

Use drop nozzles. Choose TG or OC spray tips designed to apply 50-60 gpa at 35- 40 psi and at tractor speed of 2-3 mph. Use 2 nozzles per row; one on each side of the row dropped low enough to direct the spray to the leaves to be ripened and

harvested. Thorough spray coverage is essential. With a directed spray, be sure to harvest all leaves with 20% or more yellowing.

SPRAY VOLUME GALLONS / ACRE: 50-60

USE LIMITATIONS

- Do not apply HarvestPro to immature leaves as this can result unsatisfactory coloring, weight loss and reduced leaf quality.
- Do not allow crop to over ripen in the field after using HarvestPro, since this may cause some reduction in yield and quality.
- Do not treat before anticipated major storm which could prevent harvest and result in crop loss.
- Do not apply HarvestPro if rain is expected within 4 hours.

APPLICATION TIMING

Successful results with HarvestPro call for treatment when leaves are mature, not overly rank green when sprayed. To easily determine the proper treatment timing and the number of leaves per stalk ready for harvest, test spray several plants in more than one location in each field and observe the response. Mature leaves will begin to yellow in 24 to 72 hours. Test leaves that fail to yellow in 72 hours are not mature and are not ready for HarvestPro treatment. Wait a few days to permit further natural maturing, then make another test spray or 'maturity\' check.

When you have confirmed the number of leaves per plant that will color, you can determine the number of acres to treat in order to fill the barn.

WHEN TO HARVEST

All mature, sprayed leaves will begin to color within 24 to 72 hours after HarvestPro application. The yellowing process is weather dependent; cool weather will delay, while hot, sunny weather can speed up the process. Harvest treated tobacco when leaves have reached the desired color intensity.

Do not allow tobacco to become over ripe before starting harvest. Leaf drop can occur when tobacco is over ripe and left on the stalk. If a number of the bottom leaves have yellowed at the time of treatment, they should be harvested prior to

spraying with HarvestPro.

With an over-the-top application, harvesting can commence 48 hours after HarvestPro application depending on weather conditions or to avoid over ripe tobacco. Tobacco harvested 48 hours after treatment may require more time in the coloring phase of the curing process.

CURING HARVESTPRO TREATED TOBACCO

Curing procedures are as much an art as a science and each cure must be judged on the basis of tobacco condition, interval between treatment and harvest, weather and type of curing facility before prescription temperature and ventilation schedules can be established. To obtain maximum quality, care must be taken to observe and control the curing process closely, especially during the late “coloring” and early “drying” stages of the leaf.

HarvestPro treated tobacco will have started the coloring process when harvested, reducing the time required in the coloring phase of curing. Treated tobacco should be dried faster. If tobacco leaves are green or contain some green when harvested, it may be necessary to color them for a few hours. If the leaves are completely yellow, temperature and ventilation must be adjusted in a manner to dry the tobacco as fast as possible without scalding. Once the leaf is dried (3/4 dry), you should follow normal procedures for curing. Since HarvestPro treated leaves cure faster, treated and untreated leaves should not be cured together in the same barn.

Method

[Directed](#)

[Spray](#)

Rates

[field_rates 0](#)

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Restricted Entry Interval

48 hours

The REI increases to 72 hours in outdoor areas where average rainfall is less than 25 inches a year.

Timings

When leaves are mature, not overly rank green when sprayed.