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Systems Integration Group, Inc.



PM 25

352-574

04/20/99

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SUPPLEMENTAL LABELING

DuPont Agricultural Products

SYNCHRONY® STS® DF
SYNCHRONY® STS® SP
SYNCHRONY® STS®

"..... A Growing Partnership With Nature"



TRADEMARK

ACCEPTED

APR 20 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-574

SYNCHRONY® STS® DF HERBICIDE
EPA Reg. No. 352-573

SYNCHRONY® STS® SP HERBICIDE
EPA Reg. No. 352-574

SYNCHRONY® STS® HERBICIDE
EPA Reg. No. 352-LOO

TANK MIX OR SEQUENTIAL APPLICATION WITH A REDUCED RATE OF PURSUIT® or PURSUIT ECO PAK® HERBICIDE FOR CONTROL OF NIGHTSHADE IN STS AND NON-STIS SOYBEANS IN THE STATES OF IA, MN, NE, SD, AND WI

DuPont SYNCHRONY® STS Herbicide may be applied in a tank mix or the first application of a sequential program with a reduced rate of Pursuit or Pursuit Eco Pak for the control of nightshade in addition to those weeds listed on this supplemental label in the states of IA, MN, NE, SD and WI.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Before using SYNCHRONY® STS, read and carefully observe the cautionary statements and other information in the SYNCHRONY® STS specimen labels.

DuPont SYNCHRONY® STS Herbicide described on this supplemental label is recommended for use on all soybean varieties.

SYNCHRONY® STS® .25 oz/ac + Pursuit Tankmix:

Application Information

DuPont SYNCHRONY® STS may be applied at a rate of 0.25 oz per acre, (1 soluble pack per 8 acres), with Pursuit or Pursuit Eco Pak at a rate of 2.0 ounces per acre or 1 soluble bag per 10 acres, respectively, in a tankmix.

When to Apply

SYNCHRONY® STS + Pursuit performs best when applied a few weeks after planting to small actively growing weeds.

Timing to Crop Stage

Make a single application of SYNCHRONY® STS + Pursuit to soybeans anytime after the first trifoliolate has fully expanded and the plants are actively growing. Apply no later than 60 days before harvest or before soybean flowering; whichever is more restrictive.

Timing to Weeds

Apply to eastern black nightshade less than 2" in height and to all other weeds listed at 1-4". Best results are obtained when either SYNCHRONY® STS plus Pursuit or Pursuit Eco Pak is applied to weeds that are young (after the first true leaves have expanded, but before they exceed the size indicated on this label) and actively growing. Applications made to weeds that are in the cotyledon stage, to weeds larger than the sizes indicated, or to weeds under stress (weather, herbicide, or other) may result in unsatisfactory control.

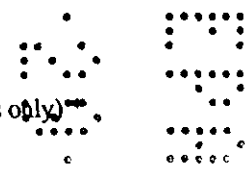
Rate and Weeds Controlled

When used as directed on this supplemental label, SYNCHRONY® STS at 0.25 oz/acre plus Pursuit at 2.0 oz/acre or Pursuit Eco Pak at the rate of 1 soluble pack per 10 acres will control the following weed species:

- Common Cocklebur
- Pigweed species (including triazine resistant)
- Wild sunflower
- Eastern Black Nightshade

When used as directed on this supplemental label, SYNCHRONY® STS at 0.25 oz/acre plus Pursuit at 2.0 oz/acre or Pursuit Eco Pak at the rate of 1 soluble pack per 10 acres will suppress the following weed species:

- Lambsquarters *
- Jimsonweed *
- Milkweed, Common (above ground portions only) ***
- Smartweeds, annual *
- Velvetleaf *



* Add up to 0.125 oz/A PINNACLE® for improved control

Spray Additives for tankmix

Postemerge applications of SYNCHRONY STS applied as a tankmix with either Pursuit or Pursuit Eco Pak must include the addition of nonionic surfactant and ammonium nitrogen fertilizer. For additional information on approved additives, refer to the DuPont bulletin "Approved Adjuvant List for Use with DuPont Row Crop and Cereal Herbicides".

Non-Ionic Surfactant: Use nonionic surfactant at the rate of 1 pint per 100 gal of solution (0.125% v/v). Under dry, cool (generally 70 F or less) conditions the rate of nonionic surfactant may be increased to 2 pints per 100 gal. of solution (0.25% v/v).

Ammonium Nitrogen Fertilizer: Use a high quality nitrogen fertilizer product such as 28-0-0 at a rate of 4 - 8 pints per acre, or 10-34-0 at a rate of 2 - 4 pints per acre. Alternately, a high-quality, sprayable grade of ammonium sulfate (21-0-0) may be used at a rate of 2 - 4 pounds per acre. Use the lower rate for volumes less than 15 gal. per acre.

Do not use "Dash", "Dash" HC, or products that may contain these additives like "Poast Plus", crop oil concentrates or methylated seed oil products such as "Sun-It" IP when tankmixing SYNCHRONY STS with either Pursuit or Pursuit Eco Pak as excessive crop injury may occur.

SYNCHRONY® STS® .25 oz/ac followed by Pursuit Sequential Program:

If eastern black nightshade becomes a problem following an application of SYNCHRONY® STS, an application of Pursuit or Pursuit Eco Pak may be applied at a rate of 2.0 ounces per acre or 1 soluble bag per 10 acres, respectively, for control of small, actively growing eastern black nightshade that does not exceed 2" in height. A minimum interval of 7 days between the SYNCHRONY® STS application and follow-up Pursuit or Pursuit Eco Pak treatment is advised to reduce the potential for unsatisfactory weed control. Weeds should be free from stress and actively growing when the follow-up application is made. The soybean plants should have at least one newly emerged fully expanded trifoliolate prior to the follow-up application of Pursuit or Pursuit Eco Pak.

Spray Additives for Sequential Program

The sequential application of Pursuit must include both:

- methylated seed oil such as Sun-It II or crop oil concentrate at the rate of 1.5 - 2 pints per acre, AND
- ammonium nitrogen fertilizer such as 28% N or 10-34-0 at a rate of 2-4 pints per acre. Alternately, spray grade ammonium sulfate may be used at 2-4 lbs per acre.

Rotational Crop Guidelines

For crop rotational information when using 0.25 oz/acre SYNCHRONY® STS®, refer to the Rotational Guidelines section in the DuPont Reliance® STS® label.

IMPORTANT PRECAUTIONS

- Soybeans should be free from stress and actively growing at the time of application. Stress may be caused by abnormally hot or cold weather, growing conditions such as drought or water-saturated soil, disease, soil nutrient deficiencies such as iron chlorosis, or injury from nematodes, insects, or prior herbicide applications.
- Applications of SYNCHRONY® STS when tank mixed with either Pursuit or Pursuit Eco Pak may shorten stem internodal length and cause temporary crop injury. Crop response may be increased when applications are made to soybeans that are under stress. Soybeans will recover quickly under normal growing conditions.
- Cultivation may put weeds under stress by pruning roots, thus reducing weed control. Avoid cultivation 7-10 days prior to or following application of any of the recommended herbicide treatments. For maximum weed control, cultivate 7-10 days after application.
- Read and follow the SYNCHRONY® STS, Pursuit, Pursuit Eco Pak Herbicide labels or other supplemental labels for additional information on product use, restrictions and precautions. When tankmixing, the most restrictive label applies.
- Applications within 1 hour of rain may reduce weed control.

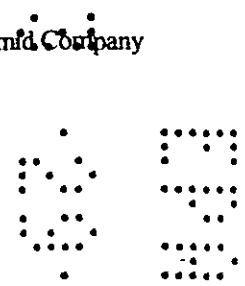
IMPORTANT

BEFORE USING "SYNCHRONY STS", PURSUIT OR PURSUIT ECO PAK HERBICIDES, READ AND CAREFULLY OBSERVE THE PRECAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE SYNCHRONY STS, PURSUIT OR PUSUIT ECO PAK SPECIMEN LABELS.

This bulletin contains new or supplemental instructions for use of these products that do not appear on the EPA-registered package labels. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

- 1 Registered trademark of American Cyanamid Company
- 2 Registered trademark of BASF AG.
- 3 Registered trademark of Agsco, Inc.



D-032299



DuPont Agricultural Products

"..... A Growing Partnership With Nature"



SUPPLEMENTAL LABELING

SYNCHRONY® STS® DF HERBICIDE
SYNCHRONY® STS® SP HERBICIDE
SYNCHRONY® STS® HERBICIDE

USE IN STS® SEED PRODUCTION

SYNCHRONY® STS® DF HERBICIDE

EPA Reg. No. 352-573

SYNCHRONY® STS® SP HERBICIDE

EPA Reg. No. 352-574

SYNCHRONY® STS® HERBICIDE

EPA Reg. No. 352-XXX

Synchrony STS Herbicide at 0.75 oz/ac for preserving the STS trait in STS soybean seed production.

A rate of .75 oz/ac Synchrony STS herbicide may be used in STS seed production to ensure resulting seed supply meets customer specifications.

DIRECTIONS FOR USE

It is a violation of federal law to use these products in a manner inconsistent with their labeling.

Before using Synchrony STS herbicide, read and carefully observe the cautionary statements and other information in the Synchrony STS specimen labels.

For use only on soybean varieties designated as STS.

Rate

Use Synchrony STS at a rate of 0.75 oz per acre.

Adjuvants

A good quality petroleum-based or methylated seed oil-based Crop Oil Concentrate must be added to the tank mix at a rate of 1.0% v/v (8 pints per 100 gallons of spray solution).

Ammonium nitrogen fertilizer may be added to the tank mix as directed on the Synchrony STS labels.

Weeds controlled

For the spectrum of weeds controlled and the minimum sizes controlled, consult the Synchrony STS section 3 and supplemental labeling.

Mixing Instructions

1. Fill the spray tank 1/4 to 1/3 full of water and begin agitation.
2. Add the required amounts of Synchrony STS while continuing agitation.
3. Allow the Synchrony STS to dissolve and fully disperse in the water. This will take several minutes.
4. When the Synchrony STS is fully dispersed, resume filling the spray tank with water.
5. Add the spray adjuvants last.
6. Maintain agitation throughout the spray application. If the mixture has settled, thoroughly re-agitate before using.
7. Apply the spray preparation within 24 hours to avoid product degradation.

Precautions

Best results are obtained when applications are made to weeds and soybeans that are young and actively growing. Applications made when the crop and weeds are under stress from moisture, cold, heat, humidity, disease, insect pressure and prior herbicide stress may result in reduced weed control effectiveness.

Synchrony STS may be tankmixed with a postemergence grass herbicide such as DuPont Assure® II herbicide. Based on the grass weeds to be controlled, consult the post grass herbicide labels to choose the best product. These labels contain information on antagonism.

Do not apply Synchrony STS if rainfall is expected within 1 hour.

Read and follow the Synchrony STS labels for additional information on product use, including rotational cropping intervals and other restrictions and precautions. For 0.75 oz/ac Synchrony STS in Region A, follow Recrop Interval 1 on the section 3 Synchrony STS labels. This is for all pH soils. For 0.75 oz/ac Synchrony STS in Region B, follow Recrop Interval 2 on the section 3 Synchrony STS labels. When tank mixing, the most restrictive labeling applies.

For product information call 1-888-6-DUPONT

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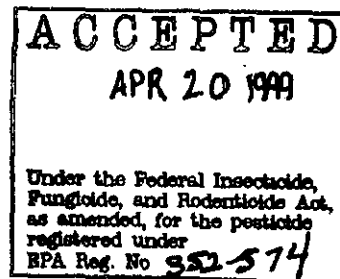
IMPORTANT

BEFORE USING SYNCHRONY STS, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

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