

PLEASE NOTE

This image contains more than one label approved for this product on this date.



SUPPLEMENTAL LABELING

DuPont Agricultural Products

SYNCHRONY® STS®
SYNCHRONY® STS® SP
SYNCHRONY® STS® DF
TANKMIXES WITH
ROUNDUP ULTRA® HERBICIDE

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

SYNCHRONY® STS® HERBICIDE EPA Reg. No. 352-599	SYNCHRONY® STS® SP HERBICIDE EPA Reg. No. 352-574	SYNCHRONY® STS® DF HERBICIDE EPA Reg. No. 352-575
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TANKMIXES WITH ROUNDUP ULTRA® HERBICIDE

SYNCHRONY® STS®, SYNCHRONY® STS® SP, SYNCHRONY® STS® DF AND "ROUNDUP ULTRA" TANK MIXES FOR BROAD SPECTRUM WEED CONTROL IN STS X ROUNDUP READY® STACKED TRAIT SOYBEANS

DIRECTIONS FOR USE

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

The tank mix of either DuPont SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF Herbicide plus Monsanto "Roundup Ultra" Herbicide described on this supplemental label is recommended for use on soybeans designated "STS® X Roundup Ready stacked trait". Severe injury or death of soybeans will result if any soybeans not designated as "STS® X Roundup Ready stacked trait" are treated with the "Roundup Ultra" Herbicide portion of this tank mix.

APPLICATION INFORMATION

Tank Mixer

Either DuPont SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF, herbicide may be tank mixed with Monsanto "Roundup Ultra" Herbicide for control of annual grasses and broadleaf weeds. Refer to the "Roundup Ultra" label for other weeds which may be controlled or suppressed and the maximum size at application.

Rate

Select the appropriate rates of either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF herbicide plus "Roundup Ultra" from the table below, basing the selection on the size and species of weeds to be controlled.

When to Apply

Tank mixes of either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF herbicide plus "Roundup Ultra" perform best when applied to small weeds a few weeks after planting.

Timing to Crop Stage

Apply a tank mix of either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF herbicide plus "Roundup Ultra" to "STS® X Roundup Ready stacked trait" soybeans anytime after the first trifoliate has fully expanded.

Apply no later than 60 days before harvest.

Timing to Weeds

Apply a tank mix of either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF herbicides plus "Roundup Ultra" when weeds are young and actively growing (after the first true leaves have expanded, but before the weeds exceed the size indicated in the table below).

Applications made to weeds that are in the cotyledon stage, to weeds larger than the size indicated, or to weeds under stress may result in unsatisfactory control.

ACCEPTED

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-573

Weeds Controlled

When applied as directed, a tankmix of either 0.25- 0.5 oz/ac of SYNCHRONY® STS®, SYNCHRONY® STS® SP or SYNCHRONY® STS® DF herbicide plus "Roundup Ultra" at 1-1.5 pt/ac will control the following weeds:

Weeds Controlled **Height in inches**

	0.25-0.5 oz Synchrony STS®	
	0.25-0.5 oz Synchrony STS® SP	0.25-0.5 oz Synchrony STS® DF
	+ 1 pt Roundup Ultra/a	
	1.5 pt Roundup Ultra/a	
Ann. Smartweeds	1-3	2-4
Cocklebur	2-6	2-8
Jimsonweed	2-4	2-6
Lambsquarters	2-4	2-4
Nightshade, Eastern		
Black	1-3	2-4
Pigweed Species		
Redroot/Rough	2-10	2-12
Other pigweeds	2-8	2-8
Waterhemp species	2-4	2-6
Velvetleaf	1-3	2-4
Morningglory spp.		
Entireleaf	1-3	2-4
Ivyleaf	1-3	2-4
Pitted	1-3	2-4
Tall	1-3	2-4
Prickly Sida	1-2	2-4
Ragweed, common	1-3	2-4
Ragweed, giant	1-3	2-6
Sicklepod	1-3	2-4
Foxtail species	2-4	2-4
Barnyardgrass	2-4	2-4
Fall Panicum	1-2	2-4
Signalgrass, broadleaf	1-2	2-4
Crabgrass spp.	2-4	4-6
Texas panicum	2-4	4-6
Yellow Nutsedge	1-4	2-6

Adjuvants

Application of this tankmix must include a nonionic surfactant at 2 pt per 100 gal of spray solution (0.25 %v/v). Use a high quality nonionic surfactant with at least 14% emulsifiers and 80% nonionic surfactant.

In addition to a nonionic surfactant, an ammonium nitrogen fertilizer is recommended and required where velvetleaf is present.

- Use a high quality, liquid nitrogen fertilizer such as 28-0-0 or 30-0-0 at a rate of 4-8 pt per acre, or 10-34-0 at a rate 2-4 pt per acre.

- Alternatively, a high quality, sprayable grade ammonium sulfate (21-0-0) may be used at a rate of 2-4 lb per acre.

- Use the lower rate of fertilizer for spray volumes less than 15 gal per acre.

Mixing Instructions

1. Fill the sprayer tank 1/4 to 1/3 full with water. Begin agitation.
2. Add the required amount of either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF Herbicides. Continue agitation.
3. Allow the either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF Herbicides to fully disperse in the water. This will take several minutes.
4. When either the SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF Herbicides is fully dispersed, resume filling the spray tank with water. Add the "Roundup Ultra".
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

- Avoid "Synchrony STS®" + "Roundup Ultra" contact with foliage, green stems, or fruit of other crops, or any desirable plants and trees, since severe injury or destruction will result.
- Best results are obtained when applications are made to weeds which are young and actively growing.
- Applications made when the weeds are under stress from moisture, cold, heat, high humidity, disease, insect pressure and prior herbicide stress may result in reduced weed control effectiveness.
- Do not apply either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF Herbicides plus "Roundup Ultra" if rain is expected within six hours of application.
- Do not graze or feed soybean forage and hay if treated with either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF Herbicides plus "Roundup Ultra".
- Read and follow the SYNCHRONY® STS®, SYNCHRONY® STS® SP, SYNCHRONY® STS® DF and "Roundup Ultra" labels for additional information on product use, restrictions and precautions. When tank mixing, the most restrictive labeling applies.

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IMPORTANT
PLEASE USE "SYNCHRONY STS®", "SYNCHRONY
® SP", and "SYNCHRONY STS® DF" HERBICIDES
AND "ROUNDUP ULTRA" HERBICIDE. READ AND
FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS
AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

This bulletin contains new or supplemental instructions for use of these products 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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(Replaces H-63178)

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NEXT

LABEL



DuPont Agricultural Products

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



SUPPLEMENTAL LABELING

**SYNCHRONY® STS®
SYNCHRONY® ST® SP,
SYNCHRONY® STS® DF
HERBICIDES
TANK MIX WITH "PURSUIT"
HERBICIDE FOR CONTROL
OF NIGHTSHADE**

SYNCHRONY® STS®
EPA Reg. No. 352-599

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

SYNCHRONY® STS® DF
EPA Reg. No. 32-573

**TANK MIX OR SEQUENTIAL APPLICATION WITH A REDUCED RATE OF
"PURSUIT" or "PURSUIT ECO PAK" HERBICIDE FOR CONTROL OF NIGHTSHADE IN STS® SOYBEANS IN THE
STATES OF IL, IN, IA, KS, MI, NE, OH, AND PA**

Either DuPont SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF herbicides may be applied in a tank mix or the first application of a sequential program with a reduced rate of either "Pursuit" or "Pursuit Eco Pak" for the control of nightshade in addition to those weeds listed on the SYNCHRONY® STS®, SYNCHRONY® STS® SP, and SYNCHRONY® STS® DF labels in the states of Illinois, Indiana, Iowa, Kansas, Michigan, Nebraska, Ohio, and Pennsylvania.

DIRECTIONS FOR USE

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

HOW TO USE

Tank Mix

Either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF at the rate of 0.5 oz/ac may be tank mixed with either "Pursuit" at a rate of 2.0 ounces per acre or "Pursuit Eco Pak" at a rate of 1 soluble bag per 10 acres is recommended for postemergence control of the weeds listed on the "Synchro" STS®, SYNCHRONY® STS® SP, and SYNCHRONY® STS® DF labels and small eastern black nightshade no taller than 2 inches. Refer to the SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF labels for other weeds controlled and maximum heights.

Best results are obtained when either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF plus either "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. This is generally 21-30 days after planting of soybeans. Applications made to weeds that are in the cotyledon stage, or to weeds larger than the sizes indicated, or to weeds under stress (weather, herbicide, or other) may result in unsatisfactory control.

Sequential Applications

If eastern black nightshade becomes a problem following a application of either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF, an application of a reduced rate of "Pursuit" or "Pursuit" Eco Pak can be made. "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®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF 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, trifoliate prior to the follow-up application of "Pursuit" or "Pursuit" Eco Pak.

This program is recommended for the control of broadleaf weeds only. Other measures should be used to control grassy weeds.

ADJUVANTS: Postemergence applications of either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF tank mixed or applied as the first application of a sequential program with either "Pursuit" or "Pursuit Eco Pak" must include the addition of a nonionic surfactant and ammonium nitrogen fertilizer.

- Use a 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).
- 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 spray volumes less than 15 gal. per acre.

- Do not use "Dash", "Dash" HC², crop oil concentrates, or methylated seed oil products such as "Sun-It" IP with either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF, when applied alone as a first application of a planned program or tank mixed with either "Pursuit" or "Pursuit Eco Pak" as excessive crop injury may occur.

For additional information refer to the DuPont bulletin "Approved Adjuvants for Use With DuPont Row Crop and Cereal Herbicides" for a list of approved adjuvants and suggested use rates.

APPLICATION INFORMATION

Broadcast Application: Use flat fan nozzles at 25 - 40 psi. Do not use flood, hollow cone, rain drop, whirl chamber or controlled droplet applicator (CDA) type nozzles as unacceptable crop injury, excessive spray drift, or poor weed control may result. Use 10 - 25 gallons of water per acre. For proper spray coverage, adjust the boom and nozzle height according to the specifications listed by the nozzle manufacturer.

Band Application: For band application, use proportionately less spray mixture. To avoid crop injury, carefully calibrate the band applicator so as not to exceed the desired use rate. Carefully follow the manufacturer's instructions for nozzle type, (flat fan preferred), nozzle orientation, distance of the nozzles from the crop and weeds, spray volumes, calibration, and spray pressure. For additional information on row banders, see DuPont bulletin "Application Accuracy - Row Banders."

Aerial Application: Use nozzle types and arrangements that will provide for optimum spray distribution and maximum coverage at 5 to 10 gallons per acre. Do not apply during a temperature inversion, when winds are gusty, or when other conditions will favor poor coverage and/or off target spray movement. Use a minimum of 5 gallons of water per acre. Consult the respective product labels for special directions for aerial application.

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 either SYNCHRONY® STS®, SYNCHRONY® STS® SP, or SYNCHRONY® STS® DF 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 recommended herbicide treatments. For maximum weed control, cultivate 7-10 days after application.
- Apply the tank mix treatment or the first treatment in a planned sequential program after the first trifoliolate of the

soybean has fully expanded and the plants are actively growing, but before soybeans begin to flower.

- Refer to the SYNCHRONY® STS®, SYNCHRONY® STS® SP or , SYNCHRONY® STS® DF and "Pursuit" or "Pursuit Eco Pak" Herbicide labels for additional use directions, use restrictions, rotational crop intervals, and precautions. The most restrictive provision on either label will apply.
- Applications within 1 hour of rain may reduce weed control.

IMPORTANT

BEFORE USING "SYNCHRONY" STS®, "SYNCHRONY" STS® SP, "SYNCHRONY" STS® DF, "PURSUIT" or "PURSUIT ECO PAK" HERBICIDES, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

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

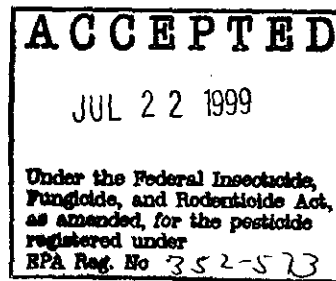
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(Replaces H-63177)

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NEXT

LABEL



352-573

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SUPPLEMENTAL LABELING 1/2

DuPont Agricultural Products

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



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

FOR CONTROL OF 4-6" GIANT RAGWEED AND
OTHER BROADLEAF WEEDS IN STS SOYBEAN
PRODUCTION

CLASSIC® HERBICIDE

EPA Reg. No. 352-436

SYNCHRONY® STS® HERBICIDE

EPA Reg. No. 352-599

SYNCHRONY® STS® DF HERBICIDE

EPA Reg. No. 352-573

SYNCHRONY® STS® SP HERBICIDE

EPA Reg. No. 352-574

TANKMIX FOR CONTROL OF 4-6" GIANT RAGWEED AND OTHER BROADLEAF WEEDS IN STS SOYBEAN PRODUCTION

DIRECTIONS FOR USE

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

Applications of this tankmix to soybean varieties not designated as STS® will result in severe crop injury and/or yield loss.

HOW TO USE

Rate

A Tankmix of 1/2 oz/A of either SYNCHRONY® STS® herbicide, SYNCHRONY® STS® SP herbicide, or SYNCHRONY® STS® DF herbicide, plus 1/8 oz/A Classic Herbicide is recommended for control of 4-6" Giant Ragweed and for control of all other broadleaf weeds claimed on the SYNCHRONY® STS®, SYNCHRONY® STS® DF, and SYNCHRONY® STS® SP Specimen and Supplemental labeling.

Crop Stage

This tank mix of 1/2 oz/A of SYNCHRONY® STS® herbicide, SYNCHRONY® STS® SP herbicide, SYNCHRONY® STS® DF herbicide, plus 1/8 oz/A Classic Herbicide may be applied any time after the first trifoliolate has opened but no later than 60 days before soybean maturity.

Adjuvants

Application of this tankmix must include a crop oil concentrate at 8 pt per 100 gal of spray solution (1% v/v).

- Use a good-quality, petroleum-based or methylated seed oil-based crop oil concentrate with at least 14% emulsifiers and 80% oil. For best results, use a methylated seed oil at 1% v/v.

In addition to a crop oil concentrate, an ammonium nitrogen fertilizer is recommended and required where velvetleaf is present.

- Use a high-quality, liquid nitrogen fertilizer such as 28-0-0 or 30-0-0 at a rate of 4-8 pt per acre, or a 10-34-0 at a rate of 2-4 pt per acre.

- Alternatively, a high-quality, sprayable grade ammonium sulfate (21-0-0) may be used at a rate of 2-4 lb per acre.

- Use the lower rate of fertilizer for spray volumes of less than

15 gal per acre.

Tankmixes

See the SYNCHRONY® STS®, SYNCHRONY® STS® DF, or SYNCHRONY® STS® SP Specimen Labels and other Supplemental Labeling for instructions and precautions on tankmixing with other pesticides such as with DuPont's ASSURE® II, Poast® Plus or other post-emergent grass herbicides, with Cobra®, Reflex®, or Blazer®, or with 2,4-DB.

Do not tank mix SYNCHRONY® STS® herbicide, SYNCHRONY® STS® DF, or SYNCHRONY® STS® SP with any other pesticide or spray adjuvant except as specified on this or other SYNCHRONY® STS®, SYNCHRONY® STS® DF, or SYNCHRONY® STS® SP Specimen or other Supplemental labeling.

Precautions

Do not apply either SYNCHRONY® STS®, or SYNCHRONY® STS® DF, or SYNCHRONY® STS® SP plus Classic tankmix if rain is expected within 1 hour of application.

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

Read and follow the SYNCHRONY® STS®, SYNCHRONY® STS® DF, SYNCHRONY® STS® SP, and Classic labels for additional information on product use, including mixing instructions, rotational cropping intervals and other restrictions and precautions. When tank mixing, the most restrictive labeling applies.

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volumes, calibration, and spray pressure. For additional information on row banders, see DuPont bulletin "Application Accuracy - Row Banders."

Aerial Application: Use nozzle types and arrangements that will provide for optimum spray distribution and maximum coverage at 5 to 10 gallons per acre. Do not apply during a temperature inversion, when winds are gusty, or when other conditions will favor poor coverage and/or off target spray movement. Use a minimum of 5 gallons of water per acre. Consult the respective product labels for special directions for aerial application.

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 either SYNCHRONY® STS, SYNCHRONY® STS SP, or SYNCHRONY® STS DF 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 recommended herbicide treatments. For maximum weed control, cultivate 7-10 days after application.
- Apply the tank mix treatment or the first treatment in a planned sequential program after the first trifoliolate of the soybean has fully expanded and the plants are actively growing, but before soybeans begin to flower.
- Refer to the SYNCHRONY® STS, SYNCHRONY® STS SP or , SYNCHRONY® STS DF and "Pursuit" or "Pursuit Eco Pak" Herbicide labels for additional use directions, use restrictions, rotational crop intervals, and precautions. The most restrictive provision on either label will apply.
- Applications within 1 hour of rain may reduce weed control.

IMPORTANT

BEFORE USING "SYNCHRONY" STS, "SYNCHRONY" STS SP, "SYNCHRONY" STS DF, "PURSUIT" or "PURSUIT ECO PAK" HERBICIDES, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

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(Replaces H-63177)

