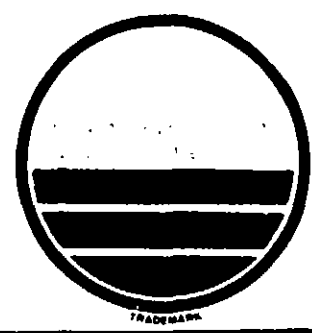




ACCEPTED
DuPont Agricultural
Products FEB 21 1995

Federal Insecticide, Fungicide and Rodenticide Act
 "A Growing Partnership With Nature"
 EPA Reg. No. 352-568



SYNCHRONY™ STS™
HERBICIDE
WITH POAST PLUS® IN STS™
SOYBEANS

SYNCHRONY™ STS™ HERBICIDE

EPA Reg. No. 352-568

**FOR USE WITH POAST PLUS FOR BROADLEAF AND GRASS WEED CONTROL
 IN STS™ SOYBEANS**

DIRECTIONS FOR USE

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

For use only on soybean varieties designated as STS™.

HOW TO USE

SYNCHRONY STS may be used in a tank mix or in a sequential application program with "Poast Plus" to control broadleaf and annual grassy weeds in STS soybeans.

Sequential Applications

SYNCHRONY STS may be used in a sequential application program with "Poast Plus" to control both broadleaf and grassy weeds. Apply SYNCHRONY STS and "Poast Plus" as directed on the respective product labels. SYNCHRONY STS may reduce the effectiveness (antagonize) of "Poast Plus" on certain grasses. The broadleaf activity of SYNCHRONY STS will not be affected. Best results are obtained when "Poast Plus" is applied at least one day before or 7 days after an application of SYNCHRONY STS.

Tank Mix Application

SYNCHRONY STS may be tank mixed with "Poast Plus" to provide control of broadleaf weeds plus many annual grasses. This treatment is particularly effective in controlling barnyardgrass (2-8" tall), crabgrass spp. (2-6" tall), woolly cupgrass (2-8" tall) and yellow foxtail (2-8" tall). However, SYNCHRONY STS may reduce the effectiveness (antagonize) of "Poast Plus" versus an application of "Poast Plus" applied alone.

To minimize the effect of antagonism:

- Apply "Poast Plus" at a rate of 24 fluid ounces (1 1/2 pints) per acre plus SYNCHRONY STS at a rate of 0.85 ounces per acre (one 3.4 ounce Soluble Pack per 4 acres).
- The tank mix must include the following spray additives:
 - Crop oil concentrate at a rate of 1.0% v/v (8 pints per 100 gallons of spray solution)
 - OR**
 - Dash' at a rate of 2 pints per acre
 - AND**
 - A high quality, liquid nitrogen fertilizer 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 (use the lower rate for spray volumes less than 15 gallons per acre)
 - OR**
 - A high quality, sprayable-grade of ammonium sulfate at a rate of 2-4 pounds per acre (use the lower rate for spray volumes less than 15 gallons per acre)

- Apply when weeds and grasses are actively growing and free from stress.
- Apply when grasses are small (less than the maximum size listed on the "Poast Plus" label).
- To control perennial grasses, volunteer corn, itchgrass, red rice, volunteer cereals and annual grasses at or exceeding the maximum size listed on the "Poast Plus" label, a sequential application program is recommended.

PRECAUTIONS

- Read and follow the SYNCHRONY STS and "Poast Plus" labels. When tank mixing, the most restrictive provision of either label will apply.
- Do not apply "Poast Plus" or SYNCHRONY STS + "Poast Plus" tank mix within 75 days of harvest.
- The use of SYNCHRONY STS and the SYNCHRONY STS + "Poast Plus" tank mix is recommended only on soybean varieties designated as STS:
 - The STS designation indicates the soybean variety contains a proprietary trait that enhances the soybean's natural tolerance to DuPont sulfonyleurea herbicides. Information on STS soybean varieties may be obtained from your seed dealer or DuPont representative.
 - Application to soybean varieties not designated STS will result in severe crop injury and/or yield loss.
 - These STS varieties must be purchased from an authorized seed dealer.
 - DuPont will not warrant the safety of this treatment to seed saved from previous years production (bin-run seed).

IMPORTANT

BEFORE USING "SYNCHRONY STS" HERBICIDE AND POAST PLUS 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 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.

' Registered trademark of BASF AG

Use of this quantity of purchased SYNCHRONY STS herbicide is permitted under claim 24 of U.S. Patent 5,414,082.

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ACCEPTED
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Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered under EPA Reg. No. 352-568



SYNCHRONY™ STS™ HERBICIDE
WITH COBRA™ HERBICIDE
IN STS™ SOYBEANS

SYNCHRONY™ STS™ HERBICIDE

EPA Reg. No. 352-568

USE OF REDUCED RATES OF COBRA HERBICIDE WITH SYNCHRONY™ STS™ HERBICIDE FOR CONTROL OF EASTERN BLACK NIGHTSHADE, COMMON WATERHEMP AND OTHER WEEDS IN STS™ SOYBEANS

DIRECTIONS FOR USE

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

For use only on soybean varieties designated as STS™.

HOW TO USE

Tank Mixes

DuPont SYNCHRONY STS Herbicide may be tank mixed with a reduced rate of "Cobra" for control of eastern black nightshade and common waterhemp and may also aid in control or suppression of other weed species. Refer to the "Cobra" label for other weeds which may be controlled or suppressed and the maximum size at application.

Rate

Use SYNCHRONY STS at a rate of one 3.4-ounce Soluble Pack per 4 acres (0.85 ounce per acre). Refer to the SYNCHRONY STS label for the size and species of weeds controlled. To control small nightshade (a maximum of 2" in height), and/or common waterhemp (a maximum of 4" in height), add "Cobra" at a rate of 4 to 6 fluid ounces per acre. Use the higher rate of "Cobra" for nightshade and waterhemp at or near the maximum size.

Adjuvants

Use crop oil concentrate at a rate of 0.5% v/v (4 pints per 100 gallons of spray solution). DO NOT exceed this rate of crop oil concentrate.

Ammonium nitrogen fertilizer may be added as directed on the SYNCHRONY STS label.

Mixing Instructions

1. Fill the sprayer tank 1/4 to 1/3 full with water. Begin agitation.
2. Add the required number of SYNCHRONY STS Soluble Packs. Continue agitation.
3. Allow the SYNCHRONY STS Soluble Packs 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. Add the "Cobra".
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.

Sequential Application Program

Apply SYNCHRONY STS as directed on the product label. If nightshade or common waterhemp emerges following an application of SYNCHRONY STS, "Cobra" may be applied at a reduced rate of 4 to 6 fluid ounces per acre. At this reduced rate nightshade must not exceed 2" in height and waterhemp must not exceed 4" in height. If these weeds exceed these sizes or if other weeds are present, refer to the "Cobra" label for rate and use recommendations. To minimize crop response, an interval of at least seven days between applications is recommended.

Refer to the "Cobra" label for recommended surfactant and fertilizer adjuvants.

Precautions

- A temporary crop response should be expected following an application of "Cobra". Soybean leaves which are open at the time of application will show some burn, bronzing and speckling. Trifoliolate soybean leaves which have emerged but are unopened at the time of application may appear cupped at the tip and/or crinkled along the edges of the leaf. Soybeans will quickly outgrow these herbicide effects.
- Best results are obtained when applications are made to weeds and soybeans which are young and actively growing. Applications made when the crop and weeds are under stress from moisture, cold, heat, high humidity, disease, insect pressure and prior herbicide stress may result in excessive crop response and/or reduced weed control effectiveness.
- If nightshade or waterhemp exceed the maximum size stated, satisfactory control may not be achieved.
- A tank mix of SYNCHRONY STS + "Cobra" has occasionally resulted in slight reductions in control (antagonism) of some broadleaf species versus application of SYNCHRONY STS alone. This antagonism can be largely overcome by making tank mix applications when the weeds are at the smaller end of the size range given and when applications are made under good growing conditions and when weeds are free from stress. Alternatively, a sequential application program should be considered.

- SYNCHRONY STS + "Cobra" may be tank mixed with a postemergence grass herbicide such as DuPont ASSURE® II Herbicide. However, tank mixing of a postemergence grass herbicide with postemergence broadleaf herbicides such as SYNCHRONY STS and "Cobra" may result in a reduction of effectiveness of the postemergence grass herbicide on some grass species (antagonism). Best results are obtained if the grass herbicide is applied in a sequential program one day before or seven days following an application of the broadleaf herbicides. Refer to the postemergence grass herbicide label for additional information on antagonism.
- Do not apply SYNCHRONY STS or "Cobra" if rain is expected within one hour of application.
- Do not graze or feed soybean forage and hay if treated with SYNCHRONY STS or "Cobra".
- Do not apply "Cobra" within 90 days of harvest. Do not apply SYNCHRONY STS within 60 days of harvest.
- Read and follow the SYNCHRONY STS and "Cobra" labels for additional information on product use, rotational cropping intervals, and other restrictions and precautions. When tank mixing, the most restrictive labeling applies.

IMPORTANT

BEFORE USING "SYNCHRONY STS" HERBICIDE AND COBRA 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 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.

Registered trademark of Valent U.S.A. Corporation

Use of this quantity of purchased SYNCHRONY™ STS™ Herbicide is permitted under claim 24 of U.S. Patent 5,084,082.

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**DuPont Agricultural
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SUPPLEMENTAL LABELING

**SYNCHRONY™ STS™ HERBICIDE
WITH BLAZER® HERBICIDE
IN STS™ SOYBEANS**

ACCEPTED

FEB 21 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 352-568

SYNCHRONY™ STS™ HERBICIDE

EPA Reg. No. 352-568

**TANK MIX OF SYNCHRONY™ STS™ HERBICIDE
WITH BLAZER POSTEMERGENCE HERBICIDE
FOR BROADLEAF WEED CONTROL IN STS™ SOYBEANS**

DIRECTIONS FOR USE

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

For use only on soybean varieties designated as STS™.

HOW TO USE

DuPont SYNCHRONY STS Herbicide may be tank mixed with "Blazer" for control of broadleaf weeds not controlled by SYNCHRONY STS applied alone in soybeans. Refer to the "Blazer" label for other weeds which may be controlled or suppressed and the maximum size at application.

Rate

Use SYNCHRONY STS at a rate of one 3.4-ounce Soluble Pack per 4 acres (0.85 ounce per acre). Refer to the SYNCHRONY STS label for the size and species of weeds controlled. Tank mix with "Blazer" at a rate of 1/2 to 1 1/2 pints per acre. Refer to the "Blazer" label for the appropriate rate based on the weeds to be controlled and their size at the time of application.

Adjuvants

Nonionic surfactant must be added to the tank mix at a rate of 0.25% v/v (4 pints per 100 gallons of spray solution).

Use of crop oil concentrate or vegetable origin oil is not recommended, as severe crop injury may occur.

Ammonium nitrogen fertilizer may be added as directed on the SYNCHRONY STS label.

Mixing Instructions

1. Fill the sprayer tank 1/4 to 1/3 full with water. Begin agitation.
2. Add the required number of SYNCHRONY STS Soluble Packs. Continue agitation.
3. Allow the SYNCHRONY STS Soluble Packs 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. Add the "Blazer".
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.

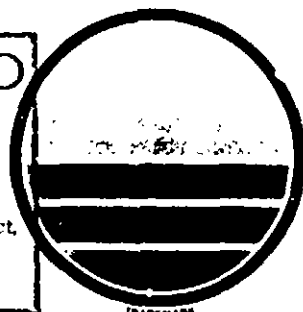
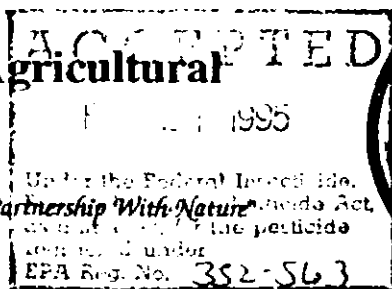
Precautions

- A temporary crop response should be expected following an application of "Blazer". Soybean leaves which are open at the time of application will show some burn, bronzing and speckling. Soybeans will quickly outgrow these herbicide effects.
- Best results are obtained when applications are made to weeds and soybeans which are young and actively growing. Applications made when the crop and weeds are under stress from moisture, cold, heat, high humidity, disease, insect pressure and prior herbicide stress may result in excessive crop response and/or reduced weed control effectiveness.
- A tank mix of SYNCHRONY STS + "Blazer" has occasionally resulted in slight reductions in control (antagonism) of some broadleaf species versus application of SYNCHRONY STS alone. This antagonism can be largely overcome by making tank mix applications when the weeds are at the smaller end of the size range given and when applications are made under good growing conditions and when weeds are free from stress. Alternatively, a sequential application program should be considered.
- SYNCHRONY STS + "Blazer" may be tank mixed with a postemergence grass herbicide such as DuPont ASSURE® II Herbicide. However, tank mixing of a postemergence grass herbicide with postemergence broadleaf herbicides such as SYNCHRONY STS and "Blazer" may result in a reduction of effectiveness of the postemergence grass herbicide on some grass species (antagonism). Best results are obtained if the grass herbicide is applied in a sequential program one day before or seven days following an application of the broadleaf herbicides. Refer to the postemergence grass herbicide label for additional information on antagonism.
- Do not apply SYNCHRONY STS + "Blazer" if rain is expected within one hour of application.
- Do not graze or feed soybean forage and hay treated with SYNCHRONY STS or "Blazer".
- Do not apply SYNCHRONY STS + "Blazer" within 60 days of harvest.
- Read and follow the SYNCHRONY STS and "Blazer" labels for additional information on product use, rotational cropping intervals, and other restrictions and precautions. When tank mixing, the most restrictive labeling applies.

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DuPont Agricultural Products



SYNCHRONY™ STS™ HERBICIDE WITH REFLEX™ 2LC HERBICIDE IN STS™ SOYBEANS

SYNCHRONY™ STS™ HERBICIDE

EPA Reg. No. 352-568

TANK MIX OF SYNCHRONY™ STS™ HERBICIDE WITH REFLEX 2LC HERBICIDE FOR BROADLEAF WEED CONTROL IN STS™ SOYBEANS

DIRECTIONS FOR USE

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

For use only on soybean varieties designated as STS™.

HOW TO USE

DuPont SYNCHRONY STS Herbicide may be tank mixed with "Reflex" 2LC for control of broadleaf weeds not controlled by SYNCHRONY STS applied alone in soybeans. Refer to the "Reflex" 2LC label for other weeds which may be controlled and the maximum size at application.

Rate

Use SYNCHRONY STS at a rate of one 3.4-ounce Soluble Pack per 4 acres (0.85 ounce per acre). Refer to the SYNCHRONY STS label for the size and species of weeds controlled. Tank mix with "Reflex" 2LC at a rate of 3/4 to 1 1/2 pints per acre. Refer to the "Reflex" 2LC label for the appropriate rate based on the weeds to be controlled, their size at the time of application and geographic restrictions on use and rate.

Adjuvants

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 as directed on the SYNCHRONY STS label.

Mixing Instructions

1. Fill the sprayer tank 1/4 to 1/3 full with water. Begin agitation.
2. Add the required number of SYNCHRONY STS Soluble Packs. Continue agitation.
3. Allow the SYNCHRONY STS Soluble Packs 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. Add the "Reflex" 2LC.
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

- A temporary crop response should be expected following an application of "Reflex" 2LC. Soybean leaves which are open at the time of application will show some burn, bronzing, crinkling and spotting. Soybeans will quickly outgrow these herbicide effects.
- Best results are obtained when applications are made to weeds and soybeans which are young and actively growing. Applications made when the crop and weeds are under stress from moisture, cold, heat, high humidity, disease, insect pressure and prior herbicide stress may result in excessive crop response and/or reduced weed control effectiveness.
- A tank mix of SYNCHRONY STS + "Reflex" 2LC has occasionally resulted in slight reductions in control (antagonism) of some broadleaf species versus application of SYNCHRONY STS alone. This antagonism can be largely overcome by making tank mix applications when the weeds are at the smaller end of the size range given and when applications are made under good growing conditions and when weeds are free from stress. Alternatively, a sequential application program should be considered.
- SYNCHRONY STS + "Reflex" 2LC may be tank mixed with a postemergence grass herbicide such as DuPont ASSURE® II Herbicide. However, tank mixing of a postemergence grass herbicide with postemergence broadleaf herbicides such as SYNCHRONY STS and "Reflex" 2LC may result in a reduction of effectiveness of the postemergence grass herbicide on some grass species (antagonism). Best results are obtained if the grass herbicide is applied in a sequential program one day before or seven days following an application of the broadleaf herbicides. Refer to the postemergence grass herbicide label for additional information on antagonism.
- Do not apply SYNCHRONY STS + "Reflex" 2LC if rain is expected within 4 hours of application.
- Do not graze or feed soybean forage and hay if treated with SYNCHRONY STS or "Reflex" 2LC.
- "Reflex" 2LC must be applied before soybeans bloom. Do not apply SYNCHRONY STS within 60 days of harvest.
- Read and follow the SYNCHRONY STS and "Reflex" 2LC labels for additional information on product use, geographical restrictions, rotational cropping intervals, and other restrictions and precautions. When tank mixing, the most restrictive labeling applies.

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IMPORTANT

BEFORE USING "SYNCHRONY STS" HERBICIDE AND REFLEX 2LC HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.

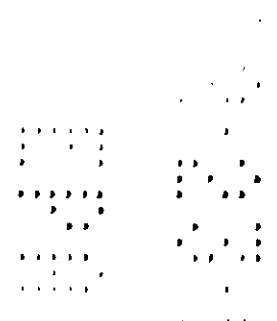
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This labeling must be in the possession of the user at the time of pesticide application.

¹ Registered trademark of a Zeneca Group Company

Use of this quantity of purchased SYNCHRONY™ STS™ Herbicide is permitted under claim 24 of U.S. Patent 5,084,082.

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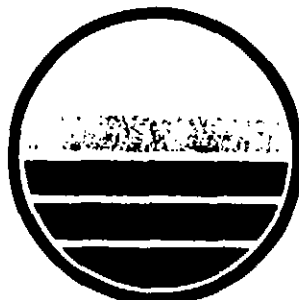


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**DuPont Agricultural
Products**

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



**SYNCHRONY™ STS™
HERBICIDE
FOR SUPPRESSION OF VARIOUS
WEEDS IN STS™ SOYBEANS
WITH SYNCHRONY™ STS™**

SYNCHRONY™ STS™ HERBICIDE

EPA Reg. No. 352-568

**FOR SUPPRESSION OF DANDELION, PERENNIAL SOWTHISTLE,
RUSSIAN THISTLE AND POKEWEED IN STS™ SOYBEANS**

DIRECTIONS FOR USE

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

For use only on soybean varieties designated as STS™.

HOW TO USE

When applied as directed on the product label, SYNCHRONY STS will suppress the following weeds:

<u>Weeds Suppressed</u>	<u>Height (inches) at Application</u>
Dandelion (rosette stage)	up to 8" in diameter
Perennial Sowthistle (rosette stage)	up to 6" diameter
Pokeweed	2 - 6
Russian Thistle	1 - 3

Weed suppression is a visual reduction in weed competition (reduced population, size, and/or vigor) as compared to an untreated area. Degree of suppression can be increased by treating weeds when actively growing and not under stress.

IMPORTANT

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

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.

Use of this quantity of purchased SYNCHRONY STS herbicide is permitted under claim 24 of U.S. Patent 5,084,082.

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