

SYNCHRONY[®] STS[®] HERBICIDE EPA Reg. No. 352-568 SYNCHRONY[®] STS[®] SP HERBICIDE EPA Reg. No. 352-574 SYNCHRONY[®] STS[®] DF HERBICIDE EPA Reg. No. 352-573

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, SYN-CHRONY 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 Mixes

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, SYN-CHRONY 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.

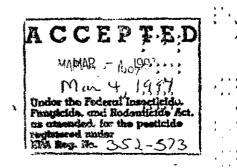
Timing to Weeds

Apply a tank mix of either SYNCHRONY STS, SYN-CHRONY 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.

Weeds Controlled

When applied as directed, a tankmix of either 0.42-0.85 oz/ac (1-2 soluble packs per 4 acres) of SYNCHRONY STS, 0.25-0.5 oz/ac (1-2 soluble packs per 4 acres) of SYNCHRONY STS SP or 0.25-0.5 oz/ac of SYN-CHRONY STS DF herbicides plus "Roundup Ultra" at 1-1.5 pt/ac will control the following weeds:



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. Weeds Controlled

2.

Heigh

Height in inches

0.42-0.85 oz Synchrony STS 0.42-0.85 oz Synchrony STS 0.25-0.5 oz Synchrony STS SP 0.25-0.5 oz Synchrony STS SP 0.25-0.5 oz Synchrony STS DF 0.25-0.5 oz Synchrony STS DF

		1 of Roundup Ultra/a	1.5 ot 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	n	
	Black	< 1-3	2-4
	Pigweed Species		
	Redroot/Rough	2-10	2-12
	Other pigweeds	2-8	2-8
	Waterhemp specie	es 2-4	2-6
	Velvetleaf	1-3	2-4
	Morninggiory spp.		
	Entireleaf	1-3	2-4
1	Ivyleaf	1-3	2-4
7	Pitted	1-3	2-4
	Tall	1-3	2-4
	Prickiy Sida	1-2	2-4
	Ragweed, common	ı 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, broadl	leaf 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.

- 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.

- 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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BEFORE USING "SYNCHRONY STS", "SYNCHRONY STS SP", and "SYNCHRONY STS DF" HERRBICIDES AND "ROUNDUP ULTRA" HERBICIDE READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRIC-TIONS AND PRECAUTIONS ON THE EPA-REGIS-TERED LABELS.

This bulletin contains new or supplemental instructions for use of these products which do not appear on the EPAregistered 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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