

2008 DuPont Soybean Herbicide Recommendations For Glyphosate-tolerant Soybeans



Today's soybean growers are facing weed shifts that are challenging the performance of their glyphosate weed control programs.

Weeds that escape a glyphosate-only program can remain in the fields for the whole season, becoming progressively harder to control and causing potential **profit-robbing** yield loss.

A program using a preemergence herbicide, followed by postemergent spraying can be effective in managing many tough weeds.

Getting your soybean crop started without weed competition can mean the difference between making money on your crop or losing the field to weeds.

Preemergence

New DuPont™ **Envive™** herbicide is a spring-applied, preemergence soybean herbicide with two modes of action, formulated as a water-dispersible granule for consistent control or suppression of susceptible annual and perennial grasses and broadleaf weeds in soybeans. Envive™ is to be used at a rate of 4 oz. per acre. Envive™ will control Palmer amaranth, Florida beggarweed, common cocklebur, morningglories, hemp sesbania, sicklepod and several other broadleaf weeds. Envive™ will suppress barnyardgrass, large crabgrass, goosegrass, Texas panicum and other grasses (please see the label).

Envive™ herbicide works well in almost any soybean cultural system:

- On full-season, no-till beans, use as a preplant burndown with glyphosate.
- On conventional beans, apply as a residual preemergence product.
- On double-crop beans, apply after planting but before emergence of the soybeans.

Postemergence

DuPont has several postemergence herbicides that, when used in concert with glyphosate, can provide control of several tough weeds.

DuPont™ Classic® herbicide in a tank mix with glyphosate can improve the control of morningglories, hemp sesbania and yellow nutsedge. For these weeds, use a rate of 0.33 oz. per acre. For tropical spiderwort suppression, apply Classic® at 0.5 oz/A + glyphosate when weeds are no larger than 2".

DuPont™ Synchrony® XP herbicide is an ideal tank mix partner that gives you the flexibility to use it in conventional, glyphosate-tolerant STS™ or STS™/Roundup Ready stacked trait soybean programs.

This product can be applied anytime glyphosate is applied: preemergence, at-planting or postemergence.

For postemergence use on non-STS™ soybeans and glyphosate-tolerant soybeans, Synchrony® XP at .375 oz. per acre may be used for improved weed control in tank mixes with other labeled soybean herbicides, including glyphosate on glyphosate-tolerant soybeans. Weeds controlled include palmer amaranth (up to 4" tall), Pennsylvania smartweed and cocklebur.

DuPont™ Harmony® SG with TotalSol® soluble granules herbicide (new formulation for 2008) provides postemergence rescue burndown of some tough weeds that are resistant to glyphosate. Use rate of Harmony® SG is 1/8 oz/A and may be tank mixed with glyphosate.

DuPont™ Assure® II herbicide is one of the best grass herbicides for controlling volunteer glyphosate-tolerant corn in soybeans. For volunteer corn control, use a rate of 5 oz. of Assure® II. Assure® II can be tank mixed with several herbicides, including glyphosate products and/or Classic®.

DuPont™ Envive™ herbicide may not be registered for sale or use in all states. See your local DuPont retailer or representative for details and availability in your state.

The information contained in this document is based on the latest to-date technical information available to DuPont, and DuPont reserves the right to update at any time.

This reference guide is not intended as a substitute for the label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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