

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Strongarm*

EPA Reg. No. 62719-288

Broadleaf Weed Control in Soybeans

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Strongarm before applying. Carefully follow all precautionary statements and applicable use directions.
- Except as described in this supplemental labeling, use of Strongarm is subject to all precautions and limitations imposed by the label affixed to the container for Strongarm.

Directions for Use

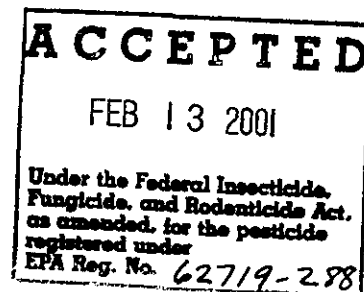
Strongarm* herbicide is a soil-applied product for control of broadleaf weeds in soybeans. A single preplant incorporated, preplant surface, or preemergence application may be made.

General Use Precautions and Restrictions

- **Maximum Application Rates:** In soybeans, do not apply more than 0.6 oz of Strongarm per acre per year as a preplant incorporated, preplant surface, or preemergence application. Only a single soil application per growing season may be made in soybeans.
- **Preharvest Interval:** Do not harvest soybeans for 125 days following application.
- Aerial application of this product is prohibited.
- Do not allow livestock to graze treated areas or harvest forage or hay from treated areas.
- **Chemigation:** Do not apply this product through any type of irrigation system.
- Do not use flood irrigation to apply or incorporate this product.
- This product must be used in a manner that will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.
- **Iron Chlorosis:** There are isolated areas of the country where soil-induced iron chlorosis routinely occurs. Severity of iron chlorosis symptoms may increase when Strongarm is soil-applied in areas with a history of soil-induced iron chlorosis or other nutrient induced crop injury.

Note: Refer to main product label for the following general information:

- Proper Handling Instructions
- Crop Rotation Interval for Common Crops
- Field Bioassay Instructions
- Spray Volume and Application
- Strongarm applied alone or in Tank Mix Combination
- Equipment Clean-out Procedures



Soil Application (Soybeans)

General Information

Strongarm may be used in various tillage programs including, but not limited to, strip till, no till and conventional tillage operations. Application of Strongarm on soils with greater than 5% organic matter may result in reduced weed control and require subsequent postemergence applications of other herbicides appropriate for specific weeds. Do not use on peat or muck soils. Season-long control of severe weed infestations may require a postemergence application of complimentary herbicides following application of Strongarm.

Note: Environmental and soil factors can influence the performance and selectivity of any herbicide treatment. Rainfall of 0.5 inches or greater is required for optimum weed control by most soil herbicides, including Strongarm. Strongarm and other herbicides when incorporated will perform most optimally when evenly distributed in the surface soil. When emergence of the planted crop is delayed due to unusually cool and/or wet conditions, factors such as pH, disease, and nutrient deficiencies can contribute to reduced crop tolerance to a soil-applied herbicide.

Cultivation: If required, cultivation should be shallow to avoid excessive movement of treated soil and to avoid exposing weed seed buried deep within the soil.

Area of Use: Use of Strongarm in soybeans is limited to the following states: Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, New Mexico, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and Missouri (Bootheel only). Application of Strongarm in other geographic areas is not recommended.

Application Rates	
Crop	Strongarm (oz/acre)
Soybeans	0.45 - 0.6
Weeds Controlled	
bristly starbur	Pennsylvania smartweed
common cocklebur	prickly sida
common lambsquarters	redroot pigweed
common ragweed	smooth pigweed
common sunflower	spurred anoda
eclipta	spurge species
devil's-claw	shining tickweed
Florida beggarweed	tropic croton
giant ragweed	Virginia copperleaf
morningglory species	velvetleaf
nutsedge species (1, 2)	wild poinsetta
Palmer amaranth	

Note: Numbers in parentheses “(-)” refer to footnotes below.

1. Heavy infestations may require postemergence application of complimentary herbicides following a soil application of Strongarm for season-long control.
2. The level of nutsedge control provided by Strongarm on nutsedge can vary depending on weed density and soil or environmental conditions.

For best results:

- Fields should be clean-tilled and weed-free.
- Apply **Strongarm** as close as possible to planting.
- If irrigation is available, immediately apply 0.25 to 0.5 inch of water.
- Cultivation, a tank mixture, or applications of postemergence herbicides may also be needed to achieve desired level of control.

Determining the Number of Water Soluble Packets Required:

Application Rate (oz/acre)	Acres per Individual Bubble Packet
0.45	1.0
0.50	0.9
0.55	0.82
0.60	0.75

Formula: Acres to be treated ÷ Acres/Package = Number of Packages

Preplant Incorporated Application

Apply Strongarm alone or in tank-mix combination with other herbicides registered for preplant incorporated application. Apply to a seedbed that is relatively free of clods. Incorporate the herbicide(s) into the top 1 to 3 inches of the final seedbed using equipment that provides thorough soil mixing. Do not apply Strongarm more than 4 weeks before planting. For optimum results, apply Strongarm at or just prior to planting. When Strongarm is applied in tank-mix combination with other herbicide(s), follow the incorporation directions for the tank-mix partner(s). Follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank-mixture.

Preplant Surface Application

Apply Strongarm alone or in tank-mix combination with other herbicides registered for preplant soil surface applications. Apply to a seedbed that is relatively free of clods. Do not apply Strongarm more than 4 weeks before planting. For optimum results, apply Strongarm at or just prior to planting. Soil surface applications are not effective until rainfall or irrigation of at least 0.25 - 0.5 inches has moved Strongarm into soil where weed germination occurs. If rainfall is not anticipated, shallow (i.e., 2 inches) incorporation prior to planting is recommended to place Strongarm in contact with germinating weeds. If applied in tank-mix combination, follow use instructions, including application rates, precautions and restrictions of each product used in the tank-mixture. For minimum-tillage or no tillage or reduced tillage systems, when weeds are present at the time of application, apply in a tank mix combination with a contact herbicide such as as glyphosate (Glyphomax*, Glyphomax Plus or Roundup UltraMAX herbicide).

Note: Reduced weed control in the planted row may occur from exposure of untreated soil during the planting operation if surface applications are not incorporated prior to planting.

Burndown Application

When used as a no-till burndown application, Strongarm provides foliar control of specific broadleaf weeds (bristly starbur, common cocklebur, common and giant ragweed, common sunflower, Florida beggarweed, morningglory species, tropic croton, and velvetleaf) and residual control of broadleaf weeds listed above for soil applied applications. For optimum results, apply Strongarm within 2 weeks of planting. If applied as a burndown application in tank-mix combination with another herbicide(s), use only adjuvants that are recommended for the tank-mix partner(s). When tank-mixing with other herbicides, a jar test for compatibility is always recommended (see "Compatibility Testing" in the "Mixing and Application" section).

Mixing Order: When tank mixing with glyphosate and ammonium sulfate, add ammonium sulfate to the tank mixture before adding glyphosate.

Preemergence Application

Apply after planting but prior to crop or weed emergence. Preemergence applications are not effective until rainfall or irrigation of at least 0.25 - 0.5 inches has moved Strongarm into the soil where weed germination occurs. Strongarm may be applied alone or in tank-mix combination with herbicides registered for preemergence application. When applied in tank-mix combination, follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank-mixture. For optimum results, Strongarm should be applied at or near planting, prior to germination of weeds and emergence of the crop.

Minimum Tillage, No Tillage, Strip Tillage, or other reduced tillage systems

In these tillage systems, where seed is planted directly into a cover crop, stale seedbed, or previous crop residues, a contact herbicide such as Starfire or Roundup may be tank mixed with Strongarm to control existing weeds. Apply before, during (behind the planter), or after planting, but before the crop emerges.

Strongarm Followed by Postemergence Treatments

Weeds and grasses not controlled by Strongarm may be controlled with postemergence herbicide products. Follow the postemergence manufacturer's labels for application rates, weeds controlled, applicable use directions, precautions and limitations before use.

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