

## **PEANUTS - PREEMERGENCE**

### General Information

#### Peanuts

(All States Except New Mexico, Oklahoma and Texas)

Apply with ground equipment using a standard low pressure (20 to 40 psi) herbicide sprayer equipped with nozzles that provide uniform spray coverage. For best results, use a spray volume of 10 gallons or more per acre for soil applications. Use sufficient spray volume to provide uniform coverage. Maintain sufficient agitation during mixing and spraying to ensure a uniform spray mixture. It is not recommended to use screens in spray lines and nozzles finer than 50 mesh (100 mesh is finer than 50 mesh).

#### Application Rates and Broadleaf Weeds Controlled by Soil Applications

Strongarm will not control known ALS resistant biotypes of weeds listed below.

Note: Numbers in parentheses (-) refer to footnotes following table.

#### Application Methods for Soil Applications

Strongarm may be used in various tillage programs including 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.

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 inches of water (apply a minimum of 0.5 inches of water if soil conditions are dry). Cultivation, a tank mixture, or applications of postemergence herbicides may also be needed to achieve the desired level of control. If cultivation is required, it should be shallow to avoid excessive movement of treated soil and to avoid exposing weed seed buried deep within the soil.

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. When incorporated, Strongarm and other herbicides 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.

**Preemergence Application:** Apply after planting through cracking. For optimum results, Strongarm should be applied at or near planting, prior to germination of weeds. Preemergence applications are not effective until rainfall or irrigation of at least 0.25 to 0.5 inches has moved Strongarm into the soil where weed germination occurs. Under dry soil conditions a minimum of 0.5 inches of water is necessary for initial activation of Strongarm. Strongarm may be applied alone or in tank mix combination with other herbicide(s) registered for preemergence application to peanuts. When applied in tank mix combination, follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank mixture. Do not rely on Strongarm for postemergence control of emerged weeds.

#### **Minimum Tillage, No Tillage, Strip Tillage, or Other Reduced Tillage Systems**

In these tillage systems where peanuts are planted directly into a cover crop, stale seedbed, or previous crop residues, a burndown herbicide such as Gramoxone Max, Roundup WeatherMAX, Glyphomax XRT, or Durango may be tank mixed with Strongarm to control existing weeds. Do not rely on Strongarm for postemergence control of emerged weeds. Apply before, during (behind the planter), or after planting through cracking. If applying at cracking, insure that any tank mix partner being used is labeled for this application. When tank mixing with glyphosate and ammonium sulfate, add ammonium sulfate to the tank mixture before adding glyphosate.

#### **Strongarm Followed by Postemergence Application**

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

#### **Limitations, Restrictions, and Exceptions**

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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. When incorporated, Strongarm and other herbicides 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.

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#### Method

[Broadcast/Foliar Ground](#)

#### Pre-Harvest Interval

30 days

#### Rates

[field rates 0](#)

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## Restricted Entry Interval

12 hours

Exception: If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Tillages

[Conventional](#)

[Fallow/Reduced](#)

[No-Tillage](#)

[Minimum](#)

Timings

[Preemergence \(Weed\)](#)