

# Supplemental Labeling



Dow AgroSciences

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## Spike<sup>®</sup> 80DF

EPA Reg. No. 62719-107

### Control of Annual Grasses and Broadleaf Weeds with Aerial Application in Rangeland and Permanent Pastures

#### Not for Use in California

This labeling expires and must not be used or distributed after December 31, 2015

#### 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 Spike<sup>®</sup> 80DF specialty herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Except as described below, use of Spike 80DF according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the product container.

#### Directions for Use

Spike<sup>®</sup> 80DF herbicide may be used for control of annual grasses and broadleaf weeds by ground or aerial (helicopter or fixed-wing aircraft) applications. Application of Spike 80DF provides residual preemergence control of annual grasses and broadleaf weeds and prevents annual buildup of combustible fuel.

When broadcast applied from mid-summer to early fall, Spike 80DF provides residual preemergence control of susceptible annual grasses and broadleaf weeds from early fall through the spring growth period. Depending on the specified application rate, a single application may provide effective annual grass and broadleaf control for 2 years or more. Desirable perennial grasses within treated areas may be temporarily injured, but if not overgrazed, will increase in vigor and density with time.

**Broadcast Application Rates:** Apply Spike 80DF at a rate of 0.38 to 0.75 lb/acre (0.3 to 0.6 lb ai/acre) in a minimum spray volume of 5 gallons per acre in either ground or aerial equipment. Use low pressure large droplet herbicide nozzles. Use the lower end of the rate range in areas with coarse to medium textured soils with low organic matter and the higher end of the rate range in areas with medium to fine textured soils, areas with higher organic matter, or where a longer period of control is desired. The maximum application rate for annual grass or broadleaf control is 0.6 lb ai/A per application or per year.

**Annual Weeds Controlled:** Includes *Bromus* spp., downy brome grass or cheatgrass (*Bromus tectorum*), ripgut brome (*Bromus diandrus*), annual mustards, bur buttercup (*Ranunculus testiculatus*) and other annual species.

Common Name	Scientific Name	Rate (lb ai/acre)	Life Cycle	Plant Family
Brome grass	<i>Bromus species</i>	0.6 lb	annual	Poaceae
Downy brome grass	<i>Bromus tectorum</i>	0.6 lb	annual	Poaceae
Cheat grass	<i>Bromus tectorum</i>	0.6 lb	annual	Poaceae
Ripgut brome	<i>Bromus diandrus</i>	0.6 lb	annual	Poaceae
Annual mustards	<i>Brassica species</i>	0.6 lb	annual	Brassicaceae
Bur buttercup	<i>Ranunculus testiculatus</i>	0.6 lb	annual	Ranunculaceae

**Application Timing:** Spike 80DF may be applied from mid-summer through early fall (July 15 through October 15). Application should occur prior to or immediately after the onset of germination of target annual weeds. Spike 80DF may be applied 2 to 3 months before germination of target weeds without loss of herbicidal activity. The treatment becomes herbicidally active when there is sufficient rainfall to move the herbicide into the surface soil where germination occurs. Control will be reduced if Spike 80DF is applied after the root systems of target weeds are established and can obtain soil moisture from below the zone of herbicidally active surface soil.

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