

Spike® 80DF Herbicide

BANDED APPLICATION FOR FENCEROWS

 Dow AgroSciences

Spike® 80DF

Specialty Herbicide

Long-Lasting, Precision Brush Control For:

- Barbed-wire fences
- High game fences
- Pens
- Corrals
- Others



Product Profile

Spike® 80DF herbicide is a dry-flowable formulation which is mixed and applied with a water carrier. A soil-active product, Spike 80DF is applied to the soil surface by ground equipment and enters plants only through the roots. Spike 80DF has the same active ingredient (tebuthiuron) as Spike 20P herbicide, a formulation applied as a pellet.

How Banding Application Works

Spike 80DF is mixed with water and applied directly to the soil surface in a concentrated, narrow, straight stream (band). From there, the solution enters the soil profile to intersect with the lateral roots of woody plants. Absorbed by the roots, Spike® 80DF herbicide translocates throughout the susceptible plant to interfere with photosynthesis until the plant dies. The plant may repeatedly drop its leaves, grow new foliage, and drop its leaves again until root reserves are exhausted.

Where It Fits

Precise, banded applications of Spike 80DF herbicide are perfect for clearing susceptible brush from fencerows. Spike 80DF works best on light, relatively coarse soils. The herbicide is less suited to high clay-content soils (more than 15 to 20 percent) and finely textured soils, and those with high organic matter content. If brush has been cleared, delay application until regrowth is at least 2 feet tall. Do not use Spike 80DF where desirable woody species are near plants targeted for control. A small amount of Spike 80DF reaching the roots of desirable trees or shrubs may cause their severe damage or death. See "Use Precautions" on the label.

Susceptible Species

Big sagebrush

Blackberry

Blackjack oak

Cenizo (silversage)

Creosotebush

Hickory

Lotebush

Macartney rose

Multiflora rose

Post oak

Privet

Red oak

Running live oak

Sand sage

Sand shinnery oak

South Texas brush

(including blackbrush, catclaw acacia, guajillo, huisache, lime pricklyash, Texas persimmon and spiny hackberry)

Virginia creeper

Western hackberry

White oak

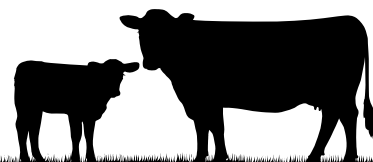
Whitebrush

Winged elm

Tarbrush

Yaupon

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Rate

Use the labeled rate of 5 pounds of product in 20 gallons of water to treat one mile of fence. Spike® 80DF herbicide is available in 4-pound and 25-pound bags.

Spray Equipment

You can apply Spike 80DF with any spray equipment that can be **calibrated for rate**, and will deliver a solid, narrow spray with a straight-stream nozzle. For fencerow spraying, use only **one** nozzle to apply a **single band** under the dripline of fencerow brush. Suggested nozzles include a No. 18 straight stream or the StreamJet H TP0006-HSS (hardened stainless steel). Calibrate fencerow application equipment to deliver 20 gallons of spray solution in a single band one mile long. Point the nozzle straight down toward the soil surface. Use sufficient pressure to penetrate foliage and reach the soil surface. Drop nozzles may help with soil contact. Apply to both sides of the fence if brush is more than 5 feet deep.



How to Mix Spike 80DF

Fill the spray tank half-full of water. Start agitation and continue agitation during mixing and spraying. Add the needed amount of Spike 80DF and allow it to mix thoroughly while continuing to fill the sprayer. Use agitation to keep the herbicide in solution while spraying. For backpack sprayers or other small tanks (like those on four-wheelers) with limited agitation, pre-slurry Spike 80DF before putting it in the spray tank.

Application and Timing

In rangeland and pasture, Spike® 80DF herbicide is intended for banded applications only. Bands minimize spray interception by foliage, concentrate the herbicide for better root uptake and minimize damage to annual grasses and forbs. Within 4 to 5 inches of each side of the band (where the herbicide stream hits the ground), nearly all vegetation will be killed for one to three growing seasons. Application in winter months will minimize injury to desirable warm-season forages. For fencerow spraying, use only one nozzle to apply a single band under the dripline of fencerow brush. Apply to both sides of the fence if brush is more than 5 feet deep. Do not cut treated brush for at least two growing seasons after treatment, as this will reduce control. The treatment of Spike 80DF will provide multiple-year control of brush in the fenceline.

Think Proper Use

A printed copy of the supplemental labeling for Spike 80DF must be in the applicator's possession at application. This label is available at www.RangeAndPasture.com. Always read and follow label directions.



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Spike 80DF is registered for range and pasture use in Texas, New Mexico, Oklahoma, Kansas, Missouri, Louisiana, Mississippi and Alabama only.
Always read and follow label directions.

