

FUSILADE[®] DX

Herbicide

Precise Control of Problem Weeds



syngenta

Weeds and Yield Reduction

Adding diverse chemistries to a weed management program can reduce the risk of resistant weeds, and Syngenta provides a number of herbicide options to eradicate weeds. The chart below illustrates yield losses associated with common, problem broadleaf and grass weeds. **As shown, volunteer corn can cause a dramatic loss in yield – just 6 volunteer corn plants per 100 feet of row can reduce soybean yields by 10 percent.** A herbicide management program will help to control stubborn broadleaf weeds and grasses as they approach economic thresholds.

Percent Soybean Yield Reduction

	1	2	4	6	8	10
	Weeds per 100 feet of row					
Cocklebur	1	2	4	6	8	10
Pigweed	2	4	6	10	15	20
Lambsquarters	2	4	6	10	15	20
Shattercane (5-8/clump)	2	5	8	11	14	17
Giant foxtail	15	25	80	300	400	600
Velvetleaf	1	3	6	10	13	16
Smartweed	2	4	6	10	15	20
Volunteer corn	1	2	3	4	5	6

¹ Interference data are from Stoller et al., 1985, Reviews of Weed Science; E. L. Knake and F. W. Slife, 1962, Weeds 10:26; and E. L. Werner and W. S. Curran, 1995, Proc. NEWSS 49:23. Source: Penn State

Weed Resistance Management

Growers have faced the challenges of combating weed biotypes resistant to triazine and ALS-inhibiting herbicides. Today, there is a new concern – glyphosate resistance. Because many growers now use glyphosate on their corn acres as well as their soybean acres, Syngenta has devised a general rule of thumb for glyphosate herbicides – 2-1-2. This means no more than two applications of glyphosate on one field over a two-year period. Fusilade is a Resistance Fighter™ brand, meaning that Fusilade added to your glyphosate-tolerant soybean program not only manages weeds more effectively, but it also adds another mode of action to help combat glyphosate resistance.

A Cost-Effective Solution for Unmatched Control of Volunteer Corn

Fusilade® DX herbicide offers superior control against volunteer corn in glyphosate-tolerant and conventional soybeans. The highly cost-effective herbicide works in all tillage situations and readily tank mixes with a variety of herbicides, including Touchdown® brands. With its quick mode of action, Fusilade can take command over volunteer corn, helping to ensure a clean harvest.

Volunteer Corn: A Problem Weed

Glyphosate-tolerant systems are both convenient and effective, but despite the benefits, these systems have begun to cause concern among soybean and corn growers. Glyphosate rotations present a unique situation because glyphosate will not kill volunteer glyphosate-tolerant corn leftover from the previous crop. Fusilade, a herbicide with a different mode of action, is needed to keep fields clean. All weeds work against soybeans in the fight for water and soil nutrients, causing yield loss and problems at harvest. Applying Fusilade in addition to Touchdown can result in weed-free, high-yielding soybeans.



Fusilade DX Benefits

- Superior control against volunteer corn
- Selective post emergence herbicide
- Effective control in both conventional tillage and no-till planting
- Readily tank mixes with most broadleaf herbicides

Mode of Action

Fusilade offers high-quality weed control by quick foliar uptake with translocation to the growing points in stems, roots, stolons, runners and rhizomes of weeds. The movement is rapid, eliminating competition from weeds, including volunteer corn, within 24 to 48 hours of application.

Tankmixes

Fusilade is tankmix-compatible with a variety of herbicides, allowing growers to achieve excellent one-pass volunteer corn, grass and broadleaf weed control in any production system.

When mixing Fusilade, fill the spray tank with half the amount of required water and add the recommended amounts of Fusilade herbicide, the appropriate herbicide tankmix partner and proper rate of approved adjuvant while the agitator is running. Then add the remaining quantity of water.

Application Recommendations

Apply Fusilade to young, actively growing weeds before they exceed the recommended growth stage (see label for recommended growth stages). For best results, thorough coverage of all weed foliage is essential.

GROUND APPLICATION:

Apply 5 - 40 gallons/A of spray mixture at 30 - 60 psi. With dense foliage, use 60 psi and a minimum of 20 gallons.

BAND APPLICATIONS:

Best coverage is obtained with a minimum of two nozzles, one directed to each side of the planted row. Application with a single nozzle directed over the top of the row is not recommended. See label for complete band application directions.

AERIAL APPLICATION:

Apply a minimum of 5 gallons/A, 10 gallons for dense foliage, and add 1 pint/A of crop oil concentrate or non-ionic surfactant.

CHEMIGATION:

May be applied through irrigation systems. Apply by injecting the recommended rate of Fusilade herbicide into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target areas in 0.1-0.2 acre-inch of water.

See the label for complete application instructions.





For more information, visit www.fusilade-herbicide.com, www.farmassist.com or call 1-866-SYNGENTA (866-796-4368). Learn more about managing against weed resistance at resistancefighter.com.

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Important: Always read and follow label directions before buying or using this product.

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