Dow AgroSciences

Solutions for the Growing World

Advancing Modern Farming.

Enlist Duo™ COLEX-D TECHNOLOGY HERBICIDE

A spring or fall herbicide burndown ahead of field corn or cereal crops is an effective tool to manage early weed competition, including hard-to-control and resistant weeds.

Enlist Duo™ herbicide

A burndown application of Enlist Duo herbicide with Colex-D™ Technology delivers excellent control of a wide range of tough weeds, including those resistant to glyphosate.

Why Enlist Duo herbicide for your burndown?

- **Multi-mode of action** — Two active ingredients deliver control of key weeds for superior resistance management. Enlist Duo contains glyphosate and new 2,4-D choline. The combination of Group 9 and Group 4 controls weeds that glyphosate alone may miss.
- **Convenience** — Enlist Duo with Colex-D Technology is a new co-formulation of glyphosate and 2,4-D choline. This unique formulation offers convenient, easy handling and low viscosity. In storage, Enlist Duo does not need to be protected from freezing.
- **Flexibility** — In a variety of weather conditions or application timings, the two overlapping modes of action provide exceptional, consistent control of weeds.
- **Crop safe in a wide range of applications** — Enlist Duo is safe for use and highly effective as a burndown for winter annuals and broadleaf weeds ahead of field corn, winter wheat, spring wheat and barley.
- **Full service** — Backed by Dow AgroSciences.

Exceptional weed control

Enlist Duo controls the toughest weed species, including glyphosate-resistant Canada fleabane, common ragweed and giant ragweed. When used as a fall burndown treatment, it also controls volunteer alfalfa, prickly lettuce and dandelion.

There are over 70 weeds listed on the Enlist Duo label including:

Broadleaf Weed Species			
• Lamb's quarters	• Canada fleabane* (horseweed)	• Smartweed	• Corn spurry
• Common ragweed*	• Morning glory	• Buckwheat, tartary & wild	• Flixweed
• Eastern black nightshade	• Red root pigweed	• Dandelion	• Hemp-nettle
•Giant ragweed*	• Velvetleaf	• Chickweed	• Field horsetail
• Cocklebur	• Volunteer canola*	• Lady's thumb	• Vetch
		• Canada thistle	• Bluebur
		• Sow thistle	• And many more...
		• Kochia*	

**Including biotypes resistant to glyphosate and ALS modes of action*

Grass Weed Species		
• Wild oats	• Fall panicum	• Volunteer wheat
• Quack grass	• Green foxtail	• Volunteer barley
• Crabgrass	• Yellow foxtail	• And many more...
• Barnyard grass	• Wild proso millet	

Improving on proven technology

Dow AgroSciences used the latest formulation science to create a product that is crop safe and easy-to-use. The formulation of Enlist Duo™ delivers:

Reduced off-target movement

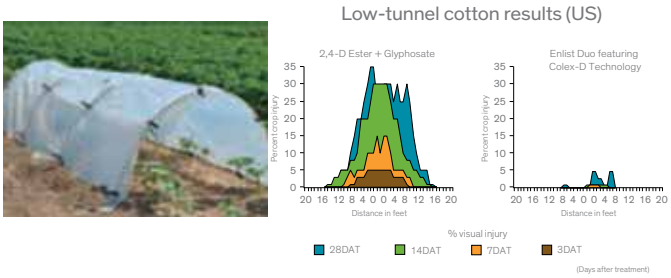
Colex-D Technology is designed to help Enlist Duo stay on target. This unique formulation provides low drift and low volatility characteristics.

Dow AgroSciences research testing in 6.5 km/h winds shows the reduction in drift from Colex-D Technology

Glyphosate + 2,4-D DMA tank mix | Enlist Duo with Colex-D Technology

Compared with a tank mix of traditional 2,4-D and glyphosate, Enlist Duo reduces physical drift by 90%.

Volatility Study at Mississippi State University



Crops treated with 2,4-D choline showed very little visual injury in comparison to traditional forms of 2,4-D in volatility studies where soil flats were treated with high rates and covered with plastic to create conditions conducive to volatilization.

Volatility is when herbicide vapours move off-target. Colex-D Technology provides near-zero volatility — a 92% reduction compared with traditional 2,4-D.

Application Rates

Apply at a rate of 2.2 L/ha (0.89 L/ac) to 4.3 L/ha (1.74 L/ac) in a water volume of 50 – 200 L of clean water per hectare.

Fall Application Recommendations

- Apply to actively growing weeds.
- For best results, 60% of leaf tissue should be healthy.
- Wait three days following a light frost (0° to -3° C). Wait a minimum of five days following a heavy frost (lower than -4°C).
- Wait a minimum of 12 hours after application of Enlist Duo before seeding winter wheat to allow for uninterrupted translocation of the herbicide throughout annuals and winter annuals. On light or coarse textured soils, or with soils of low organic matter or with higher application rates (greater than 2.2 L/ha), allow a minimum of 3 to 7 days after application of Enlist Duo prior to seeding.
- Wait 3 to 5 days after application of Enlist Duo before seeding or fall tillage for optimal control of perennial weeds such as dandelions and quack grass.
- Tank-mix with VP 480 to increase the rate of glyphosate to improve control of advanced or perennial grassy weeds.
- An application rate of 4.3 L/ha in the fall will provide control of red clover.

Spring Application Recommendations

- Apply when weeds have emerged.
- Allow 12 hours after application prior to seeding wheat, barley, oats, Enlist™ corn, Enlist soybeans or tillage.
- Allow a minimum of 3 to 5 days after application for optimal control of perennial weeds prior to seeding or tillage.
- For field corn without the Enlist trait, allow a minimum of 7 to 14 days after application of Enlist Duo prior to planting.
- Application of Enlist Duo following seeding, but prior to crop emergence, can be made up to 48 hours following seeding for all labeled crops other than Enlist corn or Enlist soybeans. Application timing to Enlist corn and Enlist soybeans is not restricted during early crop development.
- DO NOT apply Enlist Duo prior to seeding soybeans which do not contain the Enlist trait.
- Tank-mix with VP 480 to increase the rate of glyphosate to improve control of advanced or perennial grassy weeds.

Tank-Mix Options

Tank-mix options with key products are available for burndown or pre-seed use. Contact your Dow AgroSciences representative for more information.

Find out how Enlist Duo and the Enlist weed control system is a highly effective solution to modern weed control challenges. To learn more, visit **www.EnlistCanada.ca**, call the Solutions Center at 1-800-667-3852 or talk to your local Dow AgroSciences sales representative.

Enlist™ Weed Control System

Enlist Duo™ COLEX-D TECHNOLOGY HERBICIDE