



*Enlist Duo® and Enlist™ 1 are the only 2,4-D products authorized for use with Enlist™ crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.*

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# Enlist™ Weed Control System



*The Enlist™ weed control system is an innovative, herbicide-tolerant trait technology paired with a novel herbicide technology to combat hard-to-control and resistant weeds.*

- Built on a herbicide-tolerant cropping system to **improve and sustain weed control in soybeans**.
- Comes with the confidence of knowing it can be responsibly used in-crop, in the heat of summer, and close to sensitive crops **without the fear of off-target movement**.
- Provides robust tolerance to Enlist Duo™ and Enlist™ 1 herbicides containing 2,4-D choline with **Colex-D™ Technology**.
- Includes a **stewardship initiative** to promote responsible use and sustain long-term performance.



# Enlist E3™ Soybeans



Delivers industry-leading genetics for the Enlist™ weed control system



Enables a high-yielding germplasm to provide high-yielding soybean genetics



Has a robust tolerance to 2,4-D choline with Colex-D™ technology, such as Enlist Duo™ herbicide and Enlist™ 1 herbicides



## 2,4-D Tolerance

Group 4: Allows application without restriction from pre-seed to the R2 stage of the crop

## Glyphosate Tolerance

Group 9: Allows application without restriction from pre-seed to the R2 stage of the crop

## Glufosinate Tolerance

Group 10: Allows application without restriction from pre-seed to the R1 stage of the crop

*Note: These soybeans are not cross-tolerant to dicamba. Dicamba will kill Enlist E3™ soybeans.*

# Enlist™ Herbicides

 **Enlist Duo™**  
with COLEX•D™ technology  
**HERBICIDE**

Convenience – a blend of  
**Glyphosate**

+

**2,4-D choline**

With

**Colex-D™ technology**

 **Enlist Duo™**  
with COLEX•D™ technology  
**HERBICIDE**

 **Enlist™ 1**  
with COLEX•D™ technology  
**HERBICIDE**

 **Enlist™ 1**  
with COLEX•D™ technology  
**HERBICIDE**

Flexibility –

**2,4-D choline**

With

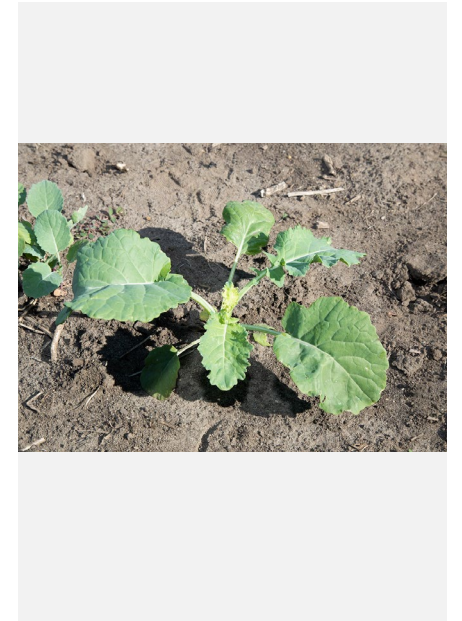
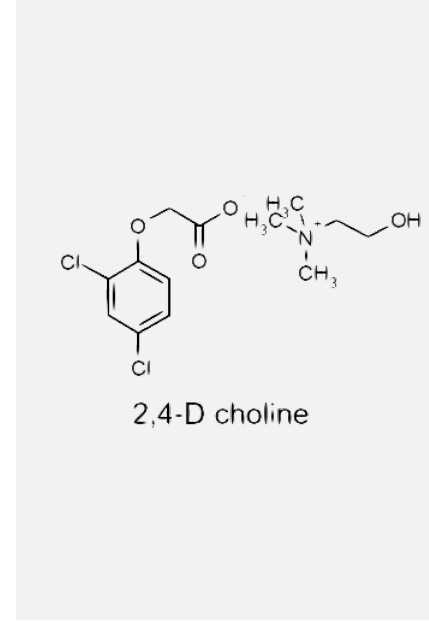
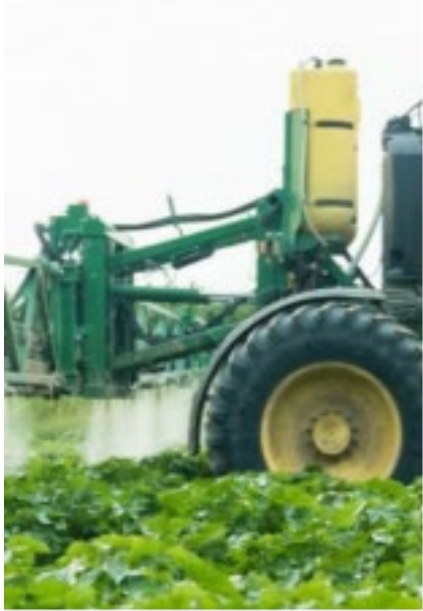
**Colex-D™ technology**

that is tank-mixable with  
glyphosate or glufosinate

# Enlist™ Herbicides

 **Enlist Duo™**  
with COLEX-D™ technology  
HERBICIDE

 **Enlist™ 1**  
with COLEX-D™ technology  
HERBICIDE



Registered for use in Enlist E3™ soybeans, allowing for early season applications through to post-emergent, as late as R2.

Fully registered across Canada allowing for early season applications.

Both contain new 2,4-D choline with Colex-D™ technology.

Both are labelled for control of resistant and hard-to-control weeds.

# Broad Spectrum Weed Control In Western Canada

**Enlist Duo™**  
with COLEX-D™ technology  
HERBICIDE

**Enlist™ 1**  
with COLEX-D™ technology  
HERBICIDE

**Wild Buckwheat**  
Hard-to-Control

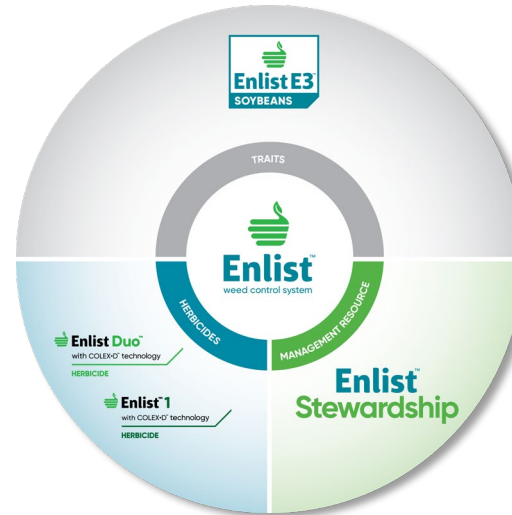


**Volunteer Canola**  
Confirmed Resistance  
Confirmed Resistance

**Common Lamb's-quarters**  
Hard-to-Control  
Confirmed Resistance



**Kochia**  
Confirmed Resistance  
Confirmed Resistance



**Perennial Sow Thistle**  
Hard-to-Control



**Pigweed Species**  
Hard-to-Control  
Confirmed Resistance

Weed Name  
Glyphosate Resistance  
ALS Herbicide Resistance

**Dandelion**  
Hard-to-Control



**Cleavers**  
Hard-to-Control  
Confirmed Resistance

# Attributes of Enlist™ Herbicides

 **Enlist Duo™**  
with COLEX-D™ technology  
HERBICIDE

 **Enlist™ 1**  
with COLEX-D™ technology  
HERBICIDE

2,4-D choline with Colex-D™ technology

Provides excellent weed control while supporting and enhancing the minimum and no-till practices many growers have adopted.

Combination of formulation technology, application methods, and enhanced manufacturing processes provides the following attributes:

- Near-zero volatility
- Minimized potential for physical drift
- Low odour
- Improved handling characteristics

# Enlist™ Herbicides Application and Use



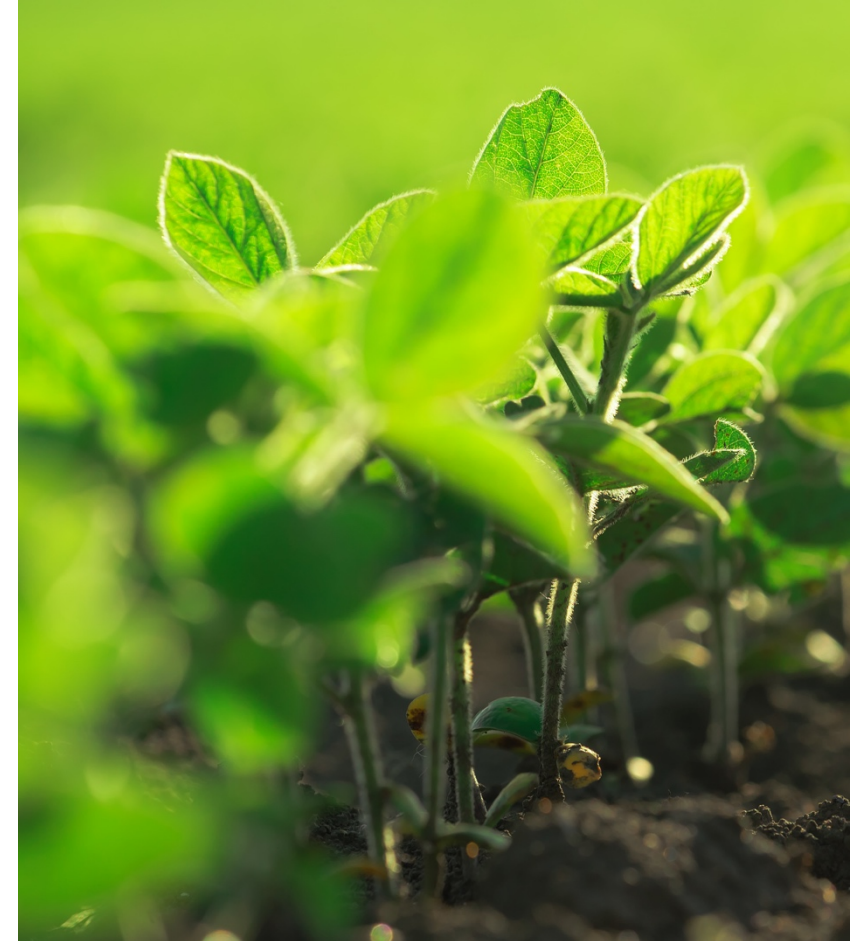
- *Proper application affects efficacy, so be sure you know the proper application timing and rates for Enlist herbicides.*
- *Water usage varies with flexible application volumes from 5-20 GPA (50-200 L/ha) of spray solution with a recommended spray volume of 10-15 GPA (100-150 L/ha) to ensure thorough coverage.*
- *Apply post-emergence to weeds. Weeds must be emerged to be controlled.*



Apply 1.18 to 1.74 L/ac, using the higher rate for higher populations, advance stages, or when hard-to-control weeds are present.



Apply 0.73 L/ac with a tank mix of a registered glyphosate, or in combination with Liberty 200 SN (glufosinate).

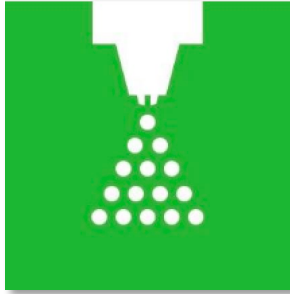




# Application & Stewardship

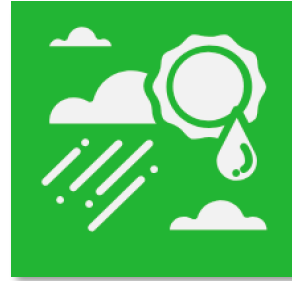
 **Enlist Duo™**  
with COLEX-D™ technology  
HERBICIDE

 **Enlist™ 1**  
with COLEX-D™ technology  
HERBICIDE



## Nozzles and Equipment

- Requires coarse to extremely coarse spray droplet size
- Use low pressure (200–275 Kpa)
- When used with labelled low-drive nozzles, growers see a reduced physical drift potential by 90% compared to a tank mix of traditional 2,4D and glyphosate



## Environmental Conditions

- Optimal wind speeds are between 3–16 km/h
- Refer to label for parameters around susceptible plants and buffer zones
- Do not spray in a temperature inversion



## Sprayer Cleanout

- Poses no issues with rinsing out spray equipment; always follow label instructions
- Easy three-step process
- 2,4-D does not tie up sprayers, plastic, hoses, lines, etc.
- Clean sprayer when moving to sensitive crops

# Technology Use Agreement



*Growers must sign a Corteva Agriscience Technology Use Agreement (TUA)*

*Available at: [www.corteva.ca/en/trait-stewardship.html](http://www.corteva.ca/en/trait-stewardship.html)*

- Only Colex-D™ formulations of 2,4-D, such as Enlist™ 1 and Enlist Duo™ herbicides, are approved for use on Enlist crops.
- Use of any other 2,4-D containing product with Enlist crops is a violation of the TUA.
- Growers are prohibited from saving any crop produced as seed for planting.

**Corteva Agriscience™ - TECHNOLOGY USE AGREEMENT**

This Technology Use Agreement is entered into by Grower and Corteva Agriscience™ (defined below) to set forth the terms and conditions upon which Grower shall use Seed containing Corteva Sourced Technology.

By signing below the undersigned represents and agrees that: (1) he/she has read and understands the terms and conditions of this Agreement, including the terms and conditions on the next page, (2) he/she is fully authorized to enter into this Agreement on behalf of the Grower identified in the Grower Information Box below, and (3) the terms and conditions of this Agreement are legally binding on the Grower and all individuals and entities that will plant and grow crops from Seed on behalf of the undersigned and the Grower.

By: \_\_\_\_\_  
Grower's Authorized Signature                      Date                      Title of Person Signing

\_\_\_\_\_  
Printed Name of Person Signing

**GROWER INFORMATION – Complete Section A OR Section B – PLEASE PRINT CLEARLY**

<p><b>Section A – For Individual (Sole Proprietorship) Grower</b></p> <p>_____ Grower Name – First                      MI                      Last</p> <p>_____ Farming or "Doing Business As" (d/b/a) Name</p> <p>_____ Full Address</p> <p>_____ Town                      Province                      Postal Code</p> <p>_____ Phone</p> <p>_____ E-mail Address</p>	<p><b>Section B – For Business Entity Grower</b></p> <p>_____ Business Name</p> <p>Business Type (Check One): <input type="checkbox"/> Corporation                      <input type="checkbox"/> Partnership <input type="checkbox"/> Limited Liability Company (LLC)                      <input type="checkbox"/> Other</p> <p>_____ Authorized Representative</p> <p>_____ Full Address</p> <p>_____ Town                      Province                      Postal Code</p> <p>_____ Phone</p> <p>_____ E-mail Address</p>
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**Opt In: Please check box to receive electronic communications from Corteva Agriscience™**  
Yes, I would like to receive agronomy advice, special offers, product information, news and updates through electronic communications from Corteva Agriscience

# Enlist™ Stewardship Program Approach



## Multiple Modes of Action

*Utilize additional modes of action and/or residual herbicides, such as:*

Authority® 480 or Valtera™ (both Group 14) provide residual activity on broadleaf weeds, including waterhemp and kochia.

Heat® LQ (Group 14) provides contact burn-off control of broadleaf weeds, including glyphosate-resistant canola.



## Program Approach

### *Pre-Emergent*

Apply Group 14, such as Heat® LQ, Valtera™, or Authority® 480 as a tank mix with Enlist Duo™ herbicide pre-seed or pre-emergence up to 3 days after seeding soybeans.

### *In-Crop Application*

Apply Enlist Duo™ or tank-mix of Enlist™ 1 plus glyphosate up to R2 stage or a tank-mix of Enlist 1 plus Liberty 200 SN up to R1 stage. Liberty 200 SN (e.g., Group 10) provides an alternate mode of action especially if kochia is a concern.

# Recommended Enlist™ Stewardship Program Approach for Western Canada



Start clean with tillage, burndown herbicide\*, or a soil residual herbicide\*

PLANT ENIST™ E3 SOYBEANS



If not applied before planting, apply soil residual herbicide

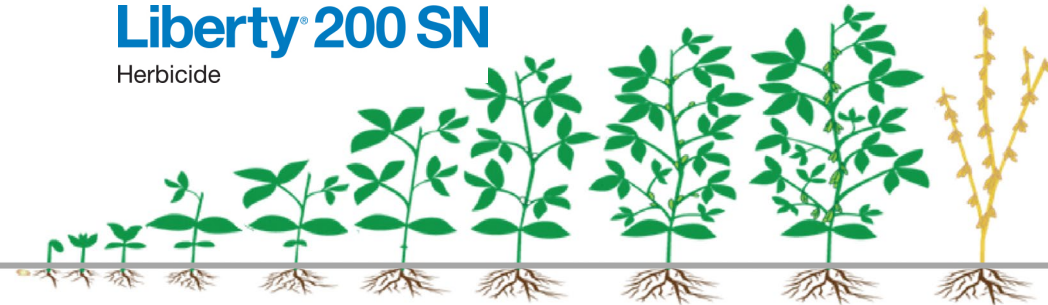
APPLY ENLIST DUO™ or ENLIST™ 1 HERBICIDE No later than R2 or full flowering stage



\*Enlist™ herbicides – no plant-back restriction

APPLY LIBERTY 200 SN HERBICIDE No later than R1 or beginning bloom

**Liberty® 200 SN**  
Herbicide



If weed resistance already exists, careful planning is required to help prevent additional resistance with weeds like kochia, volunteer glyphosate tolerant canola, waterhemp, etc.



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