



Active Ingredient
DICAMBA
(Group 4)

Storage
ABOVE -20°C
Thaw if frozen.
Shake before use.

Packaging
2 x 10L
(Jugs)

Crops
ROUNDUP READY 2
XTEND
SOYBEANS
For other crops,
see label.

THE NEXT STEP IN WEED CONTROL

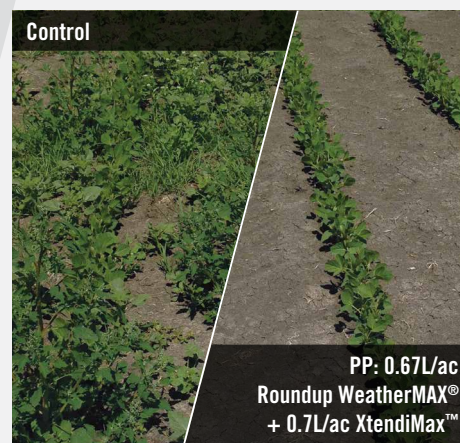
XtendiMax™ herbicide with VaporGrip™ Technology is a low-volatility liquid dicamba formulation developed for use in the Roundup Ready® Xtend Crop System.

Helps manage weed resistance
by controlling glyphosate resistant weeds



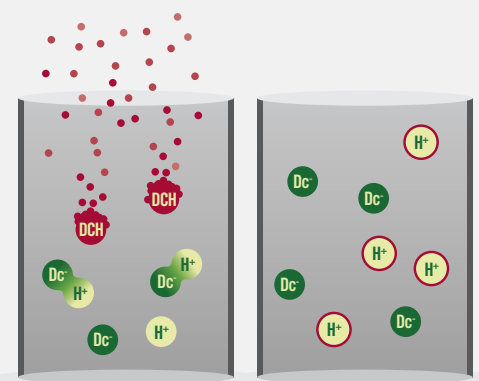
Post-emergence control of glyphosate resistant Canada fleabane in Roundup Ready 2 Xtend™ soybeans. Source: 2015 University of Guelph trials, Ridgeway, ON.

Reduces early weed competition
through short-term residual control



Residual control of broadleaf weeds. Picture taken at 14 days after planting. Source: 2015 Monsanto Centre of Excellence, Oakville, MB.

VAPORGRIP™ TECHNOLOGY



In older dicamba formulations, dicamba ions (Dc) are present in solution, combine with free hydrogen ions (H⁺) to form volatile dicamba acid (DCH)

VaporGrip™ Technology prevents dicamba ions (Dc) from combining with hydrogen ions (H⁺), significantly reducing volatility.

KEY WEEDS CONTROLLED:

Annual broadleaf weeds:

Canada fleabane^{1,2}, cleavers, common lamb's-quarters, common ragweed¹, corn spurry, cow cockle, giant ragweed¹, green smartweed, kochia^{1,6}, lady's-thumb, pigweed (redroot, Russian, smooth), velvetleaf, wild buckwheat, wild mustard

Perennial weeds³:

Sow-thistle, field bindweed, Canada thistle

Short-term residual control⁴ of tough weeds when applied at 0.7L/ac:

Common lamb's-quarters, common ragweed¹, redroot pigweed, velvetleaf⁵, wild buckwheat

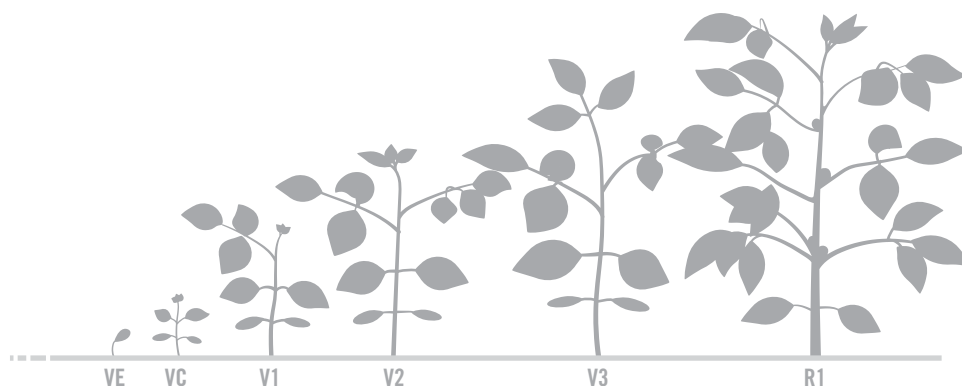
Always tank-mix this product with Roundup WeatherMAX® or Roundup Transorb® HC when using it in the Roundup Ready Xtend Crop System. This system will also control weeds listed on the Roundup WeatherMAX or Roundup Transorb HC labels.

¹ Including glyphosate resistant populations; ² Post-emergence application only; ³ Apply annually for three years;

⁴ Up to 14 days residual control; ⁵ Suppression only; ⁶ Control demonstrated in Monsanto TD trials



APPLICATION GUIDELINES FOR ROUNDUP READY 2 XTEND™ SOYBEANS



Preferred application window for 0.7L/ac rate, to maximize residual weed control benefits

Application window for XtendiMax™ with VaporGrip™ Technology in Roundup Ready 2 Xtend soybeans

Pre-plant/pre-emergence

0.33L/ac – 0.7L/ac*

Notes: 0.7L/ac is preferred for maximum residual opportunity and early season weed control.

Post-emergence (up to R1)

0.33L/ac – 0.7L/ac*

Notes: Up to two post applications per season. Second post application should only be used for control of glyphosate resistant weeds.

* The 0.7L/ac rate can be used only once in a season.

** 1.4L/ac is the maximum total to be applied in a single season.

For other crops, see label for rates.

APPLICATION REQUIREMENTS

- Water volume: Minimum 10 GPA
- Rainfast: 4 hours
- Spray quality/nozzle selection: Extremely coarse to ultra coarse droplets
- Target weed size: No more than 10 cm (4 in.) tall
- Ground speed: 25km/h (15 mph) or less
- Boom height: No higher than 50 cm (20 in.) above canopy or target weeds
- Wind speeds: 3-15 km/h
- Maintain label buffer
- Ammonium sulfate (AMS) and ammonium-based additives are restricted.

GRAZING RESTRICTIONS

See label.

TANK CLEANOUT PROCEDURE

Minute quantities of dicamba may cause injury to soybean varieties that are not tolerant to dicamba and to other sensitive crops. Clean equipment using a triple rinse procedure:

1. Drain sprayer
2. Flush tank, hoses, boom and nozzles with clean water
3. Prepare a cleaning solution with an ammonia based commercial cleaner
4. Remove and soak all strainers, screens and filters in the solution
5. Fill tank with cleaning solution. Agitate and recirculate.
6. Flush hoses, lines and nozzles with cleaning solution.
7. Repeat steps 1 and 2.

TANK MIXES

For best results, always tank-mix XtendiMax herbicide with Roundup WeatherMAX® or Roundup Transorb® HC.

When glyphosate resistant weeds are present, include an additional effective mode of action as a tank-mix or sequential application. For product recommendations, visit RRWMS.ca.

For enhanced residual weed control options, visit RRWMS.ca.

RE-CROPPING RESTRICTIONS

- Allow at least 120 days for those crops not on the XtendiMax herbicide label. Do not count days when the ground is frozen. If dry weather prevails after application, crop injury may occur to sensitive crops in the spring following application.



Contact Monsanto Technical Support line at **1-800-667-4944** with any questions about the application or product performance of XtendiMax™ herbicide with VaporGrip™ Technology.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for cultivation in the U.S. and Canada, and for import in Australia/New Zealand, Colombia, China, Japan, Korea, Mexico, Taiwan, and Vietnam. The single events in this product have been approved for import in the EU. As of February 2, 2016, E.U. stack approval is in the final stage of approval and is expected but not guaranteed to be received in the near future. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Xtend™ soybeans contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides, and dicamba, the active ingredient in XtendiMax™ herbicide with VaporGrip™ Technology. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate, and those containing dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or call the Monsanto Technical Support Line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. CustomCare and Design®, CustomCare®, Monsanto and Vine Design®, Roundup Ready 2 Xtend™, Roundup Ready®, Roundup Transorb®, Roundup WeatherMAX®, Roundup®, VaporGrip™ and XtendiMax™ are trademarks of Monsanto Technology LLC, Monsanto Canada, Inc. licensee. ©2016 Monsanto Canada Inc.