

Engenia®

Herbicide

An advanced dicamba formulation with lower-volatility properties.

- Highly concentrated liquid formulation for easier handling and a lower use rate
- Effective resistance management tool for biotypes resistant to Group 2, triazine and glyphosate

Active ingredient

Dicamba – Group 4

Formulation

Solution

One case contains

2 x 8.09 L jugs

Storage

Does not require heated storage.

Weed control in Roundup Ready 2 Xtend® soybeans with glyphosate alone versus Engenia® herbicide plus glyphosate



On glyphosate-resistant Canada fleabane. Source: University of Guelph research trial, Ridgetown, ON, 2015

Crops

Canary seed
Roundup Ready 2 Xtend® and XtendFlex® soybeans¹
Field corn
Pasture grasses
Red fescue (new seedling)
Red fescue (established)
Seedling grasses³

Staging

3 to 5 leaf
pre-plant, pre-emergence, early post-emergence
up to 50 cm tall²
established, actively growing
5 cm tall
shot-blade
2 to 4 leaf

In chemfallow and post-harvest.⁴

Apply to actively growing weeds.

Weeds controlled⁴

In-crop application in canary seed and seedling forage grasses.

Buckwheat (tartary, wild)	Corn spurry	Lady's thumb
Canada thistle ⁵	Cow cockle	Perennial sow thistle ⁵
Cleavers ⁶	Green smartweed	

Post-emergence in field corn and Roundup Ready 2 Xtend® and XtendFlex® soybeans.⁷

Buckwheat (tartary, wild)	Field bindweed ⁹	Perennial sow thistle ⁹
Canada fleabane ⁸	Green smartweed	Ragweed (common ¹⁴ , false, giant)
Canada thistle ⁹	Hairy nightshade ^{10,12}	Redroot pigweed ¹⁴
Cleavers	Kochia ¹³	Russian pigweed
Common chickweed ^{10,11}	Lady's thumb	Velvetleaf
Corn spurry	Lamb's quarters ¹⁴	Volunteer canola ^{10,16}
Cow cockle	Mustards ¹⁵	
Eastern black nightshade ¹¹	Narrow-leaved hawk's beard ^{10,11}	

Pasture, rangeland and non-crop areas.

Canada thistle	Goldenrod	Poverty weed ⁶
Curled dock ⁵	Ground cherry ⁶	Ragwort (tansy)
English daisy	Knapweed (diffuse) ⁶	Sheep sorrel ⁶
Field bindweed	Pasture sage ⁶	Thyme-leaved spurge ⁶
Goat's beard ⁶	Perennial sow thistle	

¹ Apply by ground ONLY to Roundup Ready 2 Xtend® and XtendFlex® soybeans. Soybean varieties that are not designated as dicamba-tolerant will be damaged or destroyed by this treatment.

² Corn height refers to the crop as it stands, not leaf-extended. Broadcast spray up to 20 cm; larger corn plants require drop nozzles. When using drop pipes (drop nozzles), direct the spray beneath the lower leaves of the corn and onto the weeds and soil. Do not apply to corn over 50 cm in height.

³ For seed and forage production. See label for specific seedling grasses.

⁴ For a complete list of proper weed staging, please refer to the product label.

⁵ Top growth only.

⁶ Controlled with higher rate of Engenia. See label for details.

⁷ Controlled by Engenia alone at 200 ml/ac to 400 ml/ac (0.5 to 1 L/ha).

⁸ Post-emergence only.

⁹ Apply Engenia annually for three years at the flowering stage of bindweed and the budding stage of thistles.

¹⁰ Suppression only.

¹¹ Including biotypes resistant to Group 2.

¹² When Engenia is applied at 283 to 400 ml/ac (0.7 to 1 L/ha).

¹³ Including biotypes resistant to Group 2 and 9.

¹⁴ Including atrazine-resistant species in corn.

¹⁵ Refer to label for mustard species controlled.

¹⁶ Including conventional, Roundup Ready® and LibertyLink® cultivars, when Engenia is applied at 400 ml/ac (1 L/ha).

BASF

We create chemistry

Application rates

One case will treat 40 to 80 acres of Roundup Ready 2 Xtend® soybeans, depending on rate.

In-crop application.^{17,18}

Canary seed	95 ml/ac (0.23 L/ha)
Field corn, Roundup Ready 2 Xtend® and XtendFlex® soybeans ^{19,20,21,22}	200 to 400 ml/ac (0.5 to 1 L/ha)
Red fescue	190 ml/ac (0.48 L/ha)

Pasture, rangeland and non-crop areas.^{17,18}

For brush weed control ²³	0.68 to 1.18 L/ac (1.68 to 2.92 L/ha)
For broadleaf weed control	0.68 to 1.49 L/ac (1.68 to 3.68 L/ha)
Chemfallow, post-harvest	400 to 800 ml/ac (1 to 2 L/ha)

¹⁷ See label for a complete list of additional available tank mixes and their rates. Tank-mix options are not included in the case.

¹⁸ See label for water rate for application.

¹⁹ Engenia can be used alone or in tank mix with glyphosate for additional broadleaf and grassy weed control. See label for important details.

²⁰ For application to Roundup Ready 2 Xtend® and XtendFlex® soybeans, apply Engenia using nozzles that deliver extremely coarse to ultra-coarse spray droplets.

²¹ The 400 ml/ac rate of Engenia is to be used only once a season and should be used pre-plant, pre-emergence or in-crop early post-emergence.

²² 793 ml/ac of Engenia is the maximum total to be applied in a single growing season.

²³ Must be applied in tank mix; see label for tank-mix partners.

Mixing order

1. Use a 50 mesh filter screen.
2. Fill clean tank with 1/2 of the required amount of clean water and agitate during the entire mixing procedure.
3. Add the required amount of Engenia.
4. If tank mixing, add the appropriate liquid tank-mix partner then add the rest of the water to the spray tank.
5. Maintain sufficient agitation during mixing and spraying to ensure a uniform spray mixture.

Application tips

Rainfastness – 4 hours.

Water volume – Use higher water volumes to ensure adequate coverage.¹⁸

Do not apply Engenia if the crop is under seeded to legumes.

Pre-harvest interval

For application to Roundup Ready 2 Xtend® and XtendFlex® soybeans: 7 to 10 days for soybean forage and 13 to 15 days for soybean hay.

Grazing

See label for grazing restrictions.

Follow crops

For Roundup Ready 2 Xtend® soybeans, a plant-back interval of 120 days is required for all crops not on the Engenia label. For chemfallow and post-harvest, see label for follow crops.

Tank mixes

Herbicides for corn: Accent^{®24}, Option^{®25}

Herbicide for Roundup Ready 2 Xtend® and XtendFlex® soybeans: Glyphosate²⁶

Contact your local BASF **AgSolutions**® Grower or Retail Representative or call **AgSolutions** Customer Care at 1-877-371-BASF (2273) for additional information on supported tank mixes.

²⁴ Prairie provinces only.

²⁵ Only in the province of Manitoba.

²⁶ Only use glyphosate products registered for use in soybeans. Do not tank mix Engenia with glyphosate products where glyphosate is present as an ammonium salt.

For more information: Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit agsolutions.ca.

Always read and follow label directions.

AgSolutions, **ENGENIA** and **LIBERTYLINK** are registered trademarks of BASF; all used under license by BASF Canada Inc. © 2025 BASF Canada Inc.

Accent is a trademark of Corteva Agriscience and its affiliated companies. © 2025 Corteva.

Option is a registered trademark of Bayer SAS.

Roundup Ready 2 Xtend®, Roundup Ready® and XtendFlex® are registered trademarks of Bayer Group. Used under license. Bayer CropScience Inc. is a member of CropLife Canada. © 2025 Bayer Group. All rights reserved.

For more information regarding Bayer Stewardship, please visit agsolutions.ca/stewardship.