

Certitude herbicide

technology sheet

Delivers exceptional pre-seed weed control of herbicide-resistant kochia and volunteer canola and helps improve sustainability by being the first Group 27 herbicide for canola production.

- The first Group 27 herbicide developed for pre-seed use for canola production
- Consistent control with both contact and systemic activity

Active ingredients

Bromoxynil – Group 6
Topramezone – Group 27

Formulation

Certitude® herbicide A – Suspension concentrate
Certitude herbicide B – Emulsifiable concentrate

One case contains

291 ml jug of Certitude A
9.71 L jug of Certitude B
8.1 L jug of Merge® adjuvant

Storage

Requires heated storage.

Crops

Canola

Staging

pre-seed

Weeds controlled¹

Broadleaves

Chickweed
Cleavers
Cow cockle²
Flixweed
Hemp-nettle
Kochia³
Lady's thumb
Lamb's quarters
Narrow-leaved hawk's beard
Redroot pigweed
Russian thistle
Stinkweed⁴
Volunteer canola
Volunteer flax
Wild buckwheat
Wild mustard²

Staging

up to 4 leaf (except where indicated)

(only up to 10 cm in height)

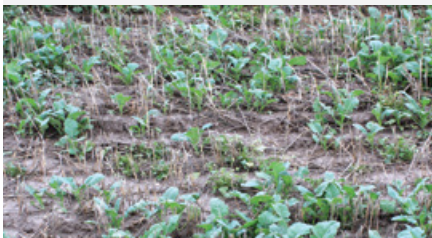
(only up to 15 cm in height)

(cotyledon to 6 leaf)

Grasses

Barnyard grass
Downy brome
Green foxtail
Volunteer barley
Volunteer wheat
Wild oats

Volunteer canola control with Certitude herbicide vs. competition



Conquer® II



Certitude

Source: Internal BASF Trials, 2019, 14 DAT

¹ When applied with glyphosate (1 REL of glyphosate recommended).

² Under normal conditions will be controlled up to the 4-leaf stage. Plants beyond this stage are unlikely to be controlled.

³ Including all resistant biotypes.

⁴ Including triazine-resistant biotypes.

BASF

We create chemistry

Kochia control with Certitude herbicide vs. competition



Conquer



Certitude

Source: Internal BASF Trials, 2019, 14 DAT

Application rates

One case of Certitude herbicide will treat 40 acres.

Canola	Certitude A	7 ml/ac (18 ml/ha)
	Certitude B	243 ml/ac (0.6 L/ha)
	Merge	202 ml/ac (0.5 L/ha)

Water volume

Ground application 20 to 40 L/ac (5 to 10 gal/ac)

Mixing order

1. Always start with a clean sprayer. Refer to previously applied product labels for specific cleaning instructions.
2. Fill the clean spray tank 1/2 full of clean water and start agitation.
3. Add Certitude A and continue to agitate until visibly dispersed.
4. Add Certitude B and continue to agitate until mixed.
5. Add glyphosate.
6. Add Merge adjuvant.
7. Continue agitating while adding the remaining amount of water.

Application tips

Restricted entry interval – 24 hours.

Avoid application when heavy rain is forecast.

Should the product freeze, agitate or mix contents well before use.

Increase water volume with moderate to high weed infestation for better coverage.

Pre-harvest interval

There is no required pre-harvest interval between a pre-seed application of Certitude and the harvest of canola.

Follow crops

4 months after application

Winter wheat

1 year after application

Alfalfa, barley, canola, field corn, field peas, lentils, navy (white) beans, peas, potatoes, soybeans, spring wheat

Tank mixes

Glyphosate only.

Contact **AgSolutions®** Customer Care or your local BASF **AgSolutions** Grower or Retail Representative for additional information on supported tank mixes.

For more information:

Call **AgSolutions** Customer Care at 1-877-371-BASF (2273)

Visit agsolutions.ca

Always read and follow label directions.

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