

Zidua SC herbicide

technology sheet

Residual control of key annual grasses and broadleaf weeds.

- Group 15 chemistry delivers control of tough weeds, including resistant redroot pigweed and common waterhemp
- Residual activity controls germinating weed seedlings before or soon after crop emergence
- Wide window of application from early pre-plant to early post-emergence in corn

Active ingredient

Pyroxasulfone – Group 15

Formulation

Suspension concentrate

One case contains

2 x 4.05 L jugs

Storage

Store in cool, dry, well-ventilated area away from food or feed.



Crops

Field corn

Herbicide-tolerant soybeans

Staging

pre-plant¹, pre-emergence, early post-emergence up to 4-leaf

pre-plant¹, pre-emergence

Weeds controlled

Broadleaves

Common waterhemp

Kochia²

Lamb's quarters²

Redroot pigweed

Staging

prior to emergence

Grasses

Barnyard grass

Crabgrass (large)

Foxtail (green, giant, yellow)

Ryegrass (Italian)

Wild oats²

prior to emergence

¹ Up to 30 days before planting.

² Suppression only.

 **BASF**

We create chemistry

Application rates

One case of Zidua® SC herbicide will treat 40 to 80 acres, depending on soil texture.

Crops	Rate by soil texture for residual control			
	Coarse	Medium-fine		Fine
		Organic matter ≤ 3%	3% < Organic matter < 7%	
Field corn, herbicide-tolerant soybeans	101 ml/ac (250 ml/ha)	134 ml/ac (332 ml/ha)	169 ml/ac (417 ml/ha)	200 ml/ac (493 ml/ha)

Water volume

Ground application only 40 L/ac (10 gal/ac) minimum

Mixing order

Add products separately. Do not mix multiple products at the same time.

1. Use a 50 mesh filter screen and fill clean tank ½ to ¾ full of water.
2. Add water conditioners if needed.
3. Add a **W**ettable powder or water dispersible granule (WG) tank-mix partner if applicable.
4. **A**gitate.³
5. Add a **M**icro-encapsulated (ME) tank-mix partner if applicable.
6. Add the required amount of Zidua SC herbicide.
7. Add a **L**iquid, solution or suspension tank-mix partner if applicable.
8. Add an **E**mulsi-fiable concentrate (EC) tank-mix partner if applicable.
9. Add **G**lyphosate if needed.
10. Add any **S**urfactants or adjuvants if required.
11. Fill the remainder of the tank with water. If the solution is left for an extended period of time, agitate once every 8 hours before spraying again.

Note: A detergent-based cleaning solution should be used before changing over to a different chemistry.

³ Do not over-agitate at any point in the process.

Application tips

Restricted entry interval – 12 hours.

Ontario classification – 2

Minimum seed depth is 2.5 cm for corn and 4 cm for soybeans.

Zidua SC must be applied and activated by moisture prior to weed emergence.

Do not use on peat or muck soils with 7% or more organic matter content.

Tank mixes

Herbicides for corn: Armezon®, Aatrex® Liquid 480, Engenia®, Eragon® LQ⁴, glyphosate, Integrity®⁴, Marksman®

Herbicides for soybean: Engenia^{4,5}, Eragon LQ⁴, glyphosate^{4,5}, Integrity⁴, Optill®⁵

⁴ Pre-plant or pre-emergence only.

⁵ For herbicide-tolerant soybean systems only.

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

Always read and follow label directions.

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