

Herbicide

INNOVATIVE * HIGHLY EFFICIENT * CONSISTENT PERFORMANCE

About SyntheSIZE 280HE

SyntheSIZE 280HE is the first innovation in glufosinate technology to be available to growers in Canada since 1996. Its innovative higher concentrated formulation provides growers with time savings, application efficiencies, and significant cost savings.

Highly Efficient Formulation

SyntheSIZE 280HE is the first 280 formulation of glufosinate to be registered for application on LibertyLink® Canola in Canada. Why is this important to growers?

- ✓ Time Savings: SyntheSIZE 280 HE's higher concentration means using 46% less product, resulting in quicker sprayer fill times and spraying more acres in a day.
- ✓ Low Use Rates: Easy conversion. Apply SyntheSIZE 280 HE at .54 of the 150 glufosinate formulation rate.
- ✓ Convenient & Efficient Logistics: 46% less storage required on sprayer trailers or storage warehouses. Fewer shuttles to handle and return.

Consistent Performance

SyntheSIZE 280HE has been tested across multiple sites in western Canada. At the Josephburg, Alberta trial site, SyntheSIZE 280HE was tested for performance on Cleavers, Wild Buckwheat and Spring Barley (as a grassy weed) against another 150 glufosinate formulation. At the Wakaw, Saskatchewan trial site, SyntheSIZE 280HE was tested for performance on Wild Oats and Spring Wheat (as a grassy weed) against another 150 glufosinate formulation.

Innovis® Crop Protection Limited

Customer Toll Free #: 1-888-466-0056

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Josephburg, Alberta Trial Site Results

Weed - Cleavers

	Percent Control (%)			
Product	7 Days AA1	7 Days AA1	21 Days AA1	28 Days AA1
Innovis 150 @ 3.33 L/ha (1.35L/ac)	80.0	85.0	91.3	96.0
SyntheSIZE 280HE @ 1.43 L/Ha (0.58 L/ac)	80.5	88.3	89.8	96.0
SyntheSIZE 280HE @ 1.78 L/Ha (0.72 L/ac)	85.0	90.5	94.3	96.5

Weed - Wild Buckwheat

	Percent Control (%)			
Product	7 Days AA1	7 Days AA1	21 Days AA1	28 Days AA1
Innovis 150 @ 3.33 L/ha (1.35L/ac)	90.0	92.5	93.0	85.0
SyntheSIZE 280HE @ 1.43 L/Ha (0.58 L/ac)	83.8	88.3	88.8	87.5
SyntheSIZE 280HE @ 1.78 L/Ha (0.72 L/ac)	88.5	95.0	92.5	92.5



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Josephburg, Alberta Trial Site Results

Weed - Spring Barley (as a grassy weed)

	Percent Control (%)			
Product	7 Days AA1	7 Days AA1	21 Days AA1	28 Days AA1
Innovis 150 @ 3.33 L/ha (1.35L/ac)	91.0	89.5	86.8	87.5
SyntheSIZE 280HE @ 1.43 L/Ha (0.58 L/ac)	83.8	85.8	83.8	84.5
SyntheSIZE 280HE @ 1.78 L/Ha (0.72 L/ac)	88.0	91.8	88.8	87.0

Note: AA1 – Days After First Application
Weed Stage: Cleavers were 5- whorl (BBCH 15) stage, Wild Buckwheat and Spring Barley were showing 4 side shoots (BBCH 24) stage.
Results may vary based on environmental conditions.
Year of trial results - 2021



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Wakaw, Saskatchewan Trial Site Results

Weed - Spring Wheat (as a grassy weed)

	Percent Control (%)			
Product	7 Days AA1	7 Days AA1	21 Days AA1	28 Days AA1
Innovis 150 @ 3.33 L/ha (1.35L/ac)	70.0	100	100	100
SyntheSIZE 280HE @ 1.43 L/Ha (0.58 L/ac)	70.0	100	100	100
SyntheSIZE 280HE @ 1.78 L/Ha (0.72 L/ac)	70.0	100	100	100

Weed - Wild Oats

	Percent Control (%)			
Product	7 Days AA1	7 Days AA1	21 Days AA1	28 Days AA1
Innovis 150 @ 3.33 L/ha (1.35L/ac)	70.0	100	100	100
SyntheSIZE 280HE @ 1.43 L/Ha (0.58 L/ac)	70.0	100	100	100
SyntheSIZE 280HE @ 1.78 L/Ha (0.72 L/ac)	70.0	100	100	100

Note: AA1 – Days After First Application
Weed Stage: Spring Wheat was at the 3 tiller (BBCH 23) stage, Wild Oats were at the flag leaf (BBCH 45) stage.
Results may vary based on environmental conditions.
Year of trial results - 2021



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Benefits of SyntheSIZE 280HE

- ✓ **Consistent Performance & Efficiency - Count on SyntheSIZE 280HE's innovative formulation to deliver consistently high performance in the field, and with its high concentration, store and apply 46% less product.**

- ✓ **No Waiting For Grower Program Rebates - When you purchase SyntheSIZE 280HE, you will realize significant savings per acre compared to Liberty® herbicide, and you won't have to wait months to receive grower program rebates cheques.**

Always Read and Follow the Label Directions.

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