

PROWL H₂O technology sheet



Why choosing PROWL H₂O makes sense

New PROWL® H₂O herbicide offers the best value in early-season grass control and the same great weed control, but now with less staining and odour than original PROWL. Because it delivers great residual weed control, it keeps your fields clean all season long. PROWL H₂O can be used across a number of application timings and can be tank-mixed with a range of products, making it a good fit for many weed control programs for conventional and glyphosate-tolerant corn.



New water-based formulation PROWL H₂O (right) results in significantly less staining than the old formulation of PROWL (left).

How PROWL H₂O works

PROWL H₂O herbicide contains microencapsulated pendimethalin in a water-based formulation that maximizes herbicide availability for residual weed control. Compared to original PROWL, the water-based formulation of PROWL H₂O results in reduced odour during application and mixing, less equipment staining and increased ease and flexibility of handling.

Because the active ingredient in PROWL H₂O is absorbed solely by the corn roots, it can be sprayed on emerged corn without worry of crop injury. PROWL H₂O does not control emerged weeds, but keeps weeds from coming back into a clean field.

Which crops can follow PROWL H₂O in the rotation

Corn	Soybeans
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What PROWL H₂O controls

Broadleaf weeds controlled	Lamb's-quarters*	
Broadleaf weeds suppressed	Redroot pigweed*	
Grassy weeds controlled	Barnyard grass	Large crabgrass
	Fall panicum	Smooth crabgrass
	Green foxtail	

*Including triazine-resistant biotypes.

When to apply PROWL H₂O

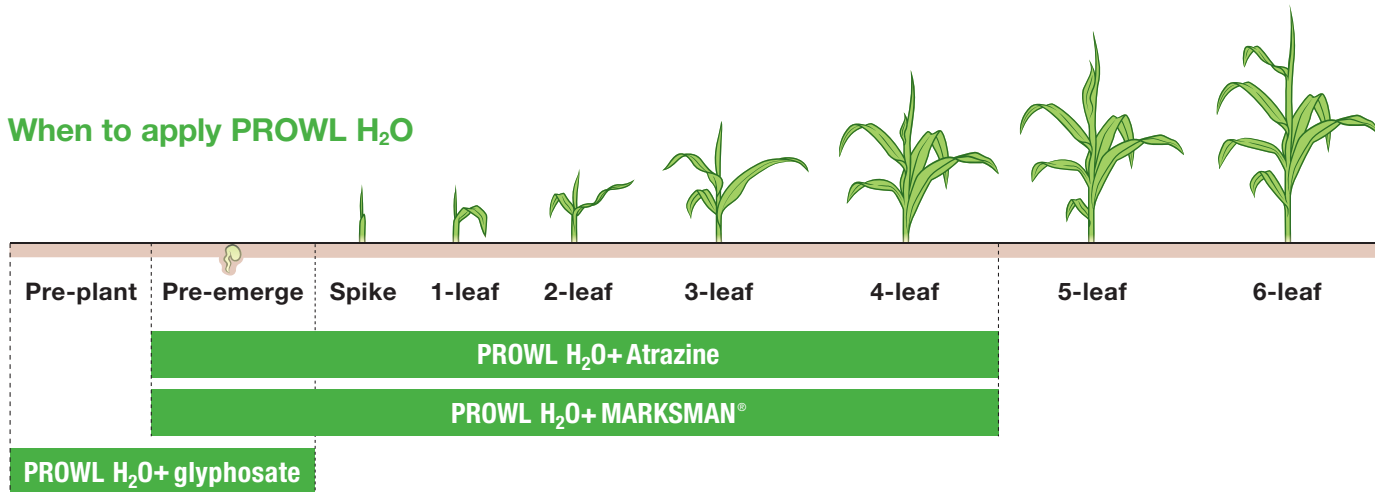
PROWL H₂O has an exceptionally wide window of application in corn. It can be applied with various tank-mix partners any time after planting up to the 4-leaf stage. PROWL H₂O may be applied in a liquid fertilizer carrier as a replacement for water in pre-emergence applications.

Broadleaf weeds	Pre-emergence
Grassy weeds	Pre-emergence

A submission for the registration of PROWL H₂O for use on soybeans has been made.



When to apply PROWL H₂O



How much to apply

Corn tank-mixes	Rates
PROWL H ₂ O + Atrazine	PROWL H ₂ O – 1.5 L/acre (3.7 L/ha) Atrazine – 1.25 L/acre (3.1 L/ha)
PROWL H ₂ O + MARKSMAN®	PROWL H ₂ O – 1.5 L/acre (3.7 L/ha) MARKSMAN – 1.5-1.8 L/acre (3.7-4.5 L/ha)
PROWL H ₂ O + glyphosate*	PROWL H ₂ O – 1.5 L/acre (3.7 L/ha) Glyphosate* – 360 g ae/ac (900 g ae/ha)

* A rate of 360 g ae/ac is equivalent to 0.67 L/ac of Roundup WeatherMax® (540 g/L) or 1 L/ac of Roundup Original® (360 g/L). Check the label rate of your glyphosate formulation to confirm.

Rate equivalency

PROWL H ₂ O	PROWL 400 EC
0.89 L/ac	1 L/ac
1.5 L/ac	1.7 L/ac
2.67 L/ac	3.04 L/ac (Dry bulb onion rate)

Always read and follow label directions.

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Application tips

- Rainfall is required within 7 to 10 days of treatment to activate PROWL H₂O herbicide in the weed germination zone. If dry conditions persist, a shallow cultivation or the use of a rotary hoe is necessary to move the chemical into moist soil and control weed escapes.
- Do not apply PROWL H₂O or PROWL herbicide on the same field in 2 consecutive years.

For more information about PROWL H₂O, contact **AgSolutions®** by BASF at 1-877-371-BASF (2273) or visit agsolutions.ca

