

PROWL H₂O technology sheet



Why choosing PROWL H₂O makes sense

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. It can be applied to conventional and glyphosate-tolerant corn, as well as conventional, IP and glyphosate-tolerant soybeans.



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 plant roots, it can be sprayed on emerged corn without worry of crop injury. However, in soybeans PROWL H₂O must be applied prior to planting. 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 | White and Kidney beans

What PROWL H₂O controls

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

*Including triazine-resistant biotypes.



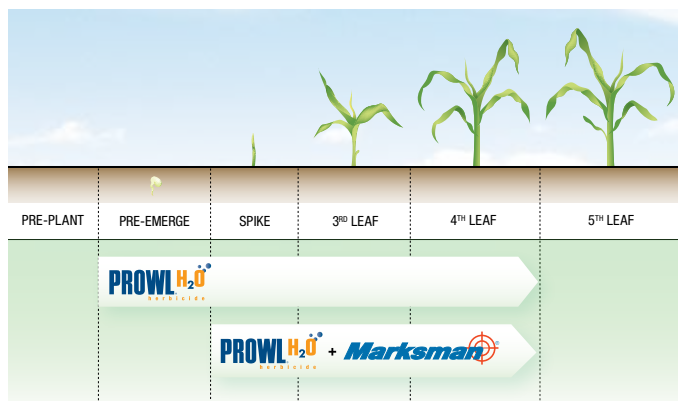
Source: Maryhill, ON, 2011



Source: Maryhill, ON, 2011



Corn Staging



*All of the BASF herbicides noted above can be tank-mixed with glyphosate.

How much to apply in corn

Glyphosate-tolerant corn

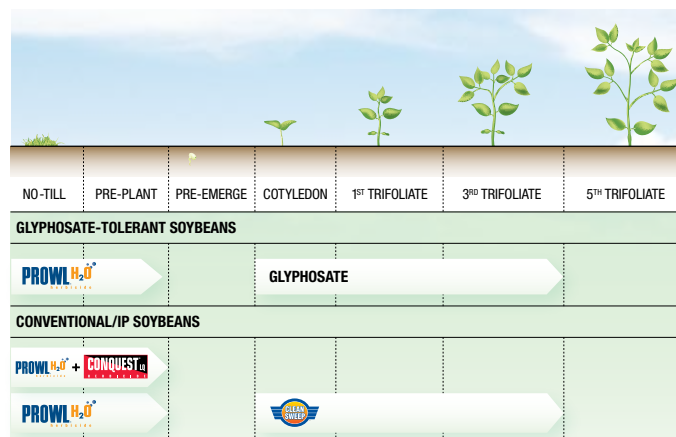
PROWL H ₂ O + MARKSMAN® + glyphosate*	0.89 L/ac (2.2 L/ha) +1 L/ac (2.5 L/ha)
PROWL H ₂ O + glyphosate*	0.89 L/ac (2.2 L/ha)

Conventional corn

PROWL H ₂ O	1.5 L/ac (3.7 L/ha)
PROWL H ₂ O + MARKSMAN	1.5 L/ac (3.7 L/ha) +1.5 - 1.8 L/ac (3.7 - 4.5 L/ha)

*Check labels of your glyphosate formulation to confirm application rates.

Soybean Staging



How much to apply in soybeans

Glyphosate-tolerant soybeans

PROWL H ₂ O [†] followed by glyphosate*	0.89 L/ac (2.2 L/ha)
--	----------------------

Conventional and IP soybeans

PROWL H ₂ O + CONQUEST® LQ [†]	0.89 L/ac (2.2 L/ha) +30 - 40 ac/case
PROWL H ₂ O [†] followed by CLEAN SWEEP®	0.89 L/ac (2.2 L/ha) 20 ac/case

*Check labels of your glyphosate formulation to confirm application rates.

[†]All these recommendations can be tank-mixed with a glyphosate burndown.

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, visit agsolutions.ca or contact AgSolutions® Customer Care at 1-877-371-BASF (2273).

Always read and follow label directions.

AgSolutions, CONQUEST, and MARKSMAN are registered trade-marks of BASF Corporation; PROWL H₂O is a registered trade-mark of American Cyanamid; all used with permission by BASF Canada Inc. CLEAN SWEEP is a registered trade-mark of BASF Canada Inc. All other trade-marks are properties of their respective owners. © 2012 BASF Canada Inc.

