













ROUNDUP ULTRA® MAX IN PRE-HARVEST CANOLA

Benefits of Pre-Harvest Glyphosate Application

- Effective tool to manage late season weeds
- Pre-harvest desiccation of both the canola and weeds accelerates and evens up the ripening of the crop, which in turn assists with harvest
- Most importantly, through a spray topping effect, it can significantly reduce weed seed set. With the rise in Group A herbicide resistance, pre-harvest applications have become an important tool in a grower's IWM programme.

The efficacy of different formulations of glyphosate varies according to the quality and quantity of the product's in-built surfactant. When tough weeds are present, choosing the right product can greatly enhance the outcomes achieved. In addition, there are only a few products registered for this use.

Roundup Ultra® MAX is registered for use in mature standing crops. Maximising the benefits of a pre-harvest application is dependent on getting the timing correct.

Read more about when to apply at www.sinochem.com.au/product/roundup-ultra-max/

Mean Ryegrass Germination - Harden, NSW 2013

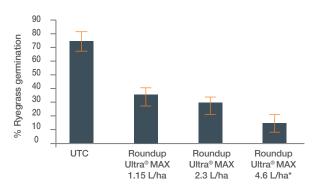


Figure 1: Percent Ryegrass germination following treatment with Roundup Ultra® MAX

Ryegrass germination trials conducted in Hayden, NSW highlight the benefits of a pre-harvest spray in reducing weed seed set. Treatments were applies at the canola growth stage where 20% of pods were ripe. Ryegrass samples were collected 14 DAT.

* Note the highest recommended rate of Roundup Ultra® MAX in preharvest canola applications is 3.4 L/ha. Always consult the product label before use.



Target 100% Weed Control

Why product choice matters

A key focus of Sinochem is to assist growers in improving weed control so they can achieve better outcomes in the short and long-term. Sinochem is investing in on-farm and laboratory research to determine the best products and techniques to target 100% weed control.



ROUNDUP ULTRA® MAX IN RESISTANT RYEGRASS

Independent Research

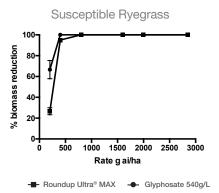
Independent trials run by Dr. Peter Boutsalis of Plant Science Consulting investigated the bioefficiency of two glyphosate formulations in controlling susceptible and glyphosate-resistant ryegrass biotypes

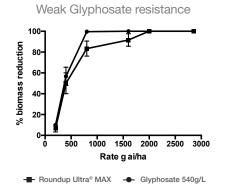
Dr. Peter Boutsalis concluded that, "Roundup ULTRA® MAX exhibited superior control at lower - intermediate rates on susceptible and glyphosate resistant ryegrass biotypes compared to a Glyphosate 540 g/L formulation."

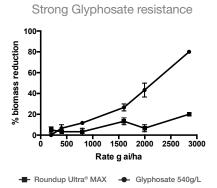
Figure 2- Three different biotypes of annual ryegrass treated with Roundup Ultra® MAX (Left) and Glyphosate 540 g/L (Right). Both at 800g ai/ha.

Results









For more information on this trail go to https://www.sinochem.com.au/product/roundup-ultra-max/

ROUNDUP ULTRA® MAX IN RESISTANT SOWTHISTLE

Dr Peter Boutsalis, Plant Science Consulting, Adelaide, SA, investigated the bioefficiency of four glyphosate formulations including Roundup ULTRAMAX in controlling susceptible and glyphosate-resistant Sowthistle Biotypes.

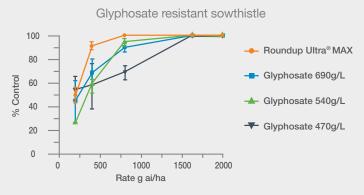
In this trial on glyphosate Resistant Sowthistle, Roundup® UltraMAX exhibited up to 30% better control at 800g ai/ha over other formulations at the same g ai/ha. Percent control of Susceptible Sowthistle did not differ above 500g ai/ha across the four glyphosate formulations.

The report suggests differences in surfactant technology influences glyphosate performance on Resistant Sowthistle.

Glyphosate Susceptible Sowthistle (Milkthistle) sprayed at 10-11 leaf growth stage

Glyphosate susceptible sowthistle Roundup Ultra® MAX Glyphosate 690g/L Glyphosate 540g/L Glyphosate 470g/L Glyphosate 470g/L

Glyphosate Resistant Sowthistle (Milkthistle) sprayed at 10-11 leaf growth stage



For more information on this trail go to www.sinochem.com.au/product/roundup-ultra-max/

