Roundup Ready® canola gives you superior weed control, excellent crop safety and the ability to maximise your yield potential. However, over-reliance on glyphosate before, during and after the canola crop will increase your chance of resistance developing on your farm.

There are a range of herbicides with different modes of action to glyphosate, which can be used in a Roundup Ready canola crop and in a winter cropping rotation. By adding targeted use of one or more of these alternative herbicides and cultural practices, you can maintain excellent weed control while reducing the risk of glyphosate resistance developing on your farm, saving you time and money in the future. We’ve listed clear recommendations for weed control practices in a Roundup Ready canola crop, as well as for post-harvest weed and volunteer control.

Make sure to contact your consultant regarding your planned weed control program as the following information is a guide only. For more information on herbicide resistance visit www.weedsmart.org.au.
WEED MANAGEMENT RECOMMENDATIONS FOR THE ROUNDUP READY CANOLA SYSTEM

Identifying opportunities to implement herbicides with different modes of action and cultural practices.

CULTURAL MANAGEMENT OPTIONS INCLUDING:

- Burning and grazing crop residues, Harrington Seed Destructor and Chaff Carts

It is important to target all surviving weeds after harvest. The timely use of cultural practices can be a key IWM tactic in a cotton system.

PRE-PLANT
- Grass and Broadleaf Weeds
  - Roundup Ultra® MAX
  - Spray.Seed® 250
  - Gramoxone®
  - Alliance®

Broadleaf Weeds
- Quel®
- Eospar®
- Amicida® Advance 700
- Esteric® Xtra
- Basa®
- Kamba®
- Lontrel™

Refer to herbicide labels for canola plantback period.

AT PLANTING
- Grass and Broadleaf Weeds
  - Roundup Ultra® MAX
  - Spray.Seed® 250

Annual Ryegrass
- TriFlex®
- Butisan®
- Stomp®
- Rustler®

Wild Oats
- TriFlex®
- Stomp®
- Dual Eco®
- Avalon® Xtra

Toadrush
- Dual Eco®

Cotyledon
- Duet®
- Rustler®

Hard to control broadleaf weeds eg. Marshmallow
- Hammer®

2 TRUE LEAF
- Grass and Broadleaf Weeds
  - Roundup Ready® Herbicide with PLANTSHEL® Technology by Monsanto
  - Roundup Ready® PL Herbicide with PLANTSHEL® Technology

Annual Ryegrass
- Verdict™ 520
- Select™

Wild Oats
- Verdict™ 520
- Select™
- Factor®

Capeweed/volunteer legumes
- Lontrel™

4 - 6 TRUE LEAF
- Grass and Broadleaf Weeds
  - Roundup Ready® Herbicide with PLANTSHEL® by Monsanto
  - Roundup Ready® PL Herbicide with PLANTSHEL® Technology

Annual Ryegrass
- Verdict™ 520
- Select™
- Factor®

Wild Oats
- Verdict™ 520
- Select™
- Factor®

Capeweed/volunteer legumes
- Lontrel™

8 TRUE LEAF
- Grass and Broadleaf Weeds
  - Roundup Ready® Herbicide with PLANTSHEL® Technology

Annual Ryegrass
- Verdict™ 520
- Select™
- Factor®

Wild Oats
- Verdict™ 520
- Select™
- Factor®

Capeweed/volunteer legumes
- Lontrel™

BEFORE BUD FORMATION
- Annual Ryegrass
  - Verdict™ 520
  - Select™

Wild Oats
- Verdict™ 520
- Select™
- Factor®

Capeweed/volunteer legumes
- Lontrel™

70% OF PODS YELLOW
- Grass and Broadleaf Weeds
  - Roundup Ultra® MAX

POST-HARVEST
- Grass and Broadleaf Weeds
  - Roundup Ultra® MAX

Cultural management options including: burning and grazing crop residues, Harrington Seed Destructor and Chaff Carts.

Refer to manufacturer’s website for labels.
GUIDELINES FOR A SUCCESSFUL IWM STRATEGY TO REDUCE RESISTANCE RISKS:

- Aim to enter the Roundup Ready canola cropping phase of the rotation with a **low weed burden**.
- Integrate as many different weed control options (chemical and cultural) as possible through all phases of the crop rotation.
- Make every herbicide application count – use **registered rates** at the correct application **growth stage** and assess effectiveness.
- Rotate herbicides with **different modes of action** throughout the crop rotation.
- Regularly **monitor the effectiveness** of resistance management practices.
- **Test weed populations** for herbicide resistance status as part of ongoing integrated weed management.
- If planting into a paddock with suspected glyphosate resistance, growers must have a **plan to manage such weeds**.

For more information on integrated weed management visit [www.weedsmart.org.au](http://www.weedsmart.org.au)

To find out more about Roundup Ready canola visit [www.roundupreadycanola.com.au](http://www.roundupreadycanola.com.au) or contact your local Technology Service Provider or Monsanto:

- **New South Wales and Victoria**
  Donald Benn
  Regional Business Manager
  0407 283 304
donald.benn@monsanto.com

- **Western Australia**
  Hugh Trenorden
  Regional Business Manager
  0437 206 313
hugh.trenorden@monsanto.com

- **Technology Development Manager - Canola and Crop Protection**
  Matthew Hayes
  0409 030 786
matthew.moore.hayes@monsanto.com

- **Marketing Lead ANZ**
  Keryn McLean
  0409 536 446
keryn.mclean@monsanto.com

- **Sales Lead**
  Mark Dawson
  0428 106 090
mark.m.dawson@monsanto.com

- **Product and Stewardship Manager**
  Kate Connors
  0418 327 101
kate.connors@monsanto.com