

A wide-angle photograph of a vast field of yellow canola flowers in full bloom. The field stretches to the horizon under a clear, bright blue sky. The flowers are densely packed, creating a textured sea of yellow. In the distance, a dark line of trees or a low ridge marks the horizon.

Landmark Eastern Australia Canola Guide 2017

Introduction

The Landmark Eastern Australia Canola Guide contains the full range of varieties and seed treatment options available in 2017 from our key supply partners Advanta Seeds, Bayer, Dyna-Gro, Heritage, Nuseed, Pioneer and Seedforce.

Your local Landmark store can provide advice on the right variety and treatment for your farm. Early commitment will help Landmark secure your seed order to ensure you get the variety and treatment required in time for 2017 plantings.

Matching Varieties to your Farming System is the Key

National Variety Trials and Landmark data should be used as a guide only, given climatic, soil and management variability of plot trials throughout Australia. Landmark suggests you consult your local agronomist to select the variety and system best suited.

It is important to choose your canola herbicide system based on how it fits into your farming system as a whole and on typical differences in yields between conventional, TT, RT, RR and CLF varieties.

Maturity, agronomic performance and blackleg rating and groupings should also be considered. Always try a new variety in smaller areas in conjunction with a proven variety on your farm.

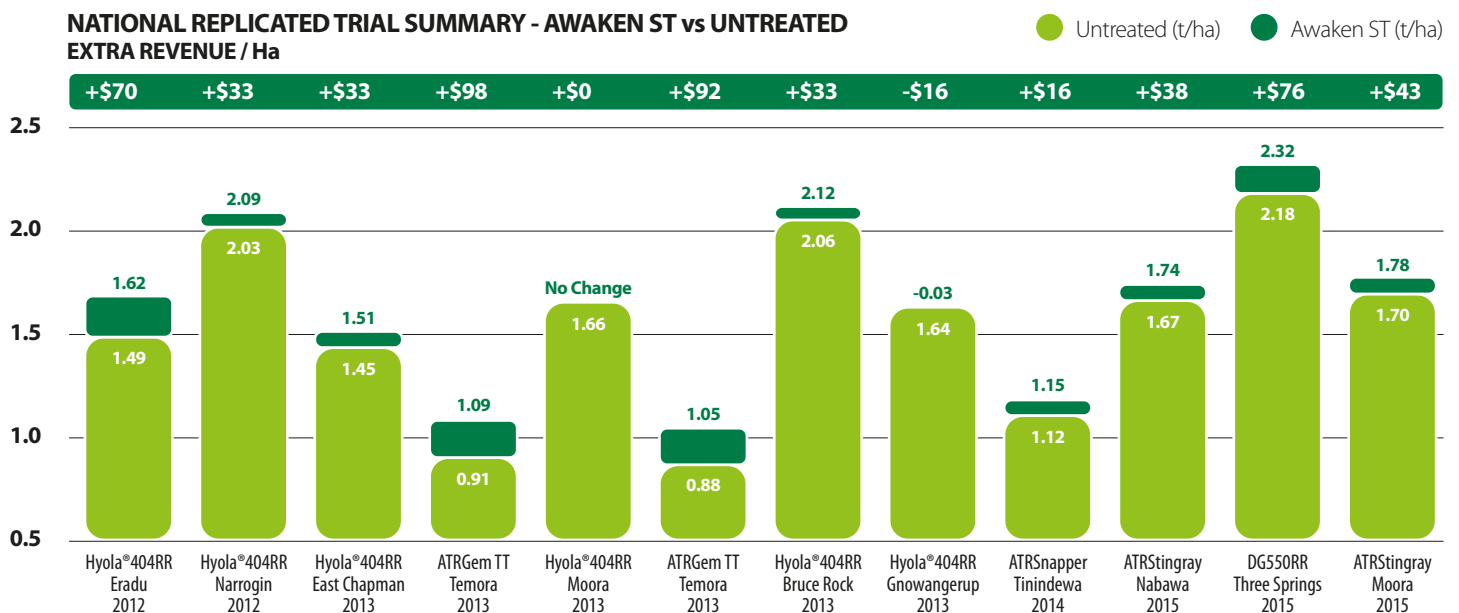
ALL ROUND PROTECTION

● Suppression ● Control

	FUNGICIDES			INSECTICIDES					
	Blackleg	Rhizoctonia	Fusarium Root Rot	Aphid	Blue Oat Mite	Cutworm	Lucerne Flea	RLEM	Wireworm
Jockey Stayer	Suppression								
Maxim XL	Suppression								
EverGol Xtend		Control	Control						
Cosmos								Control	
Cruiser Opti				Control			Suppression	Suppression	
Gaicho		Control		Control				Control	
Poncho Plus		Control		Control		Control	Suppression	Control	Control

AWAKENST

NATIONAL REPLICATED TRIAL SUMMARY - AWAKEN ST vs UNTREATED EXTRA REVENUE / Ha



2017 Landmark Variety and Treatment Range

OPEN POLLINATED TTS

	Maturity	Blackleg Grouping	Blackleg Rating Bare	Blackleg Rating with Jockey
Nuseed ATR Bonito* +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Early/Mid	A	MR-MS	-
Nuseed ATR Gem +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Early/Mid	A	MR-MS	-
Nuseed ATR Mako* +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Early/Mid	A	MR	R
Nuseed ATR Stingray +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Early	C	MR	-
Nuseed ATR Wahoo* +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Mid	A	MR-MS	-
*An EPR (End Point Royalty) of \$5 per tonne (ext GST) applies.				
MONOLA				
Nuseed Monola G11 RR (Vic and NSW only) +Maxim XL +Poncho Plus	Early-Mid	ABS	R-MR	R-MR
Nuseed Monola 416TT +Maxim XL +Poncho Plus	Early-Mid	B	R-MR	R
Nuseed Monola 515TT +Maxim XL +Poncho Plus	Mid		R-MR	-
CONVENTIONAL				
Nuseed Diamond +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Mid	ABF	R-MR	-
Nuseed AV Garnet +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Mid	A	MR-MS	-
Seedforce SF Brazzil +Maxim XL +Cruiser Opti	Late	BC	R	-

ROUNDUP READY® + TT HYBRIDS (Vic and NSW only)

	Maturity	Blackleg Grouping	Blackleg Rating Bare	Blackleg Rating with Jockey
Bayer 3000TR +Jockey Stayer +Poncho Plus +EverGol Xtend +Poncho Plus	Early	B	MS	MR
Advanta Seeds Hyola®525RT® +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus	Mid	ABD	R-MR	-
Advanta Seeds Hyola®725RT® +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus	Mid-Late	ABD	R-MR	-
ROUNDUP READY® HYBRIDS (Vic and NSW only)				
Bayer InVigor R 5520P +Jockey Stayer +Poncho Plus	Mid	AC	R-MR	R
Bayer IH30RR +Jockey Stayer +Poncho Plus	Early	AB	MR	R
Bayer IH51RR +Jockey Stayer +Poncho Plus	Early-Mid	A	MR	-
Dyna-Gro DG 460RR +Jockey Stayer +Poncho Plus +Maxim XL +Poncho Plus + Awaken ST	Early-Mid	A	R-MR	R
Nuseed GT41 +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Early-Mid	ABF	R-MR	-
Nuseed GT42 +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Early-Mid	ABDF	R	R
Nuseed GT50 +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Mid	ABF	R-MR	-
Nuseed GT53 +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Mid	ABDF	R	R
Advanta Seeds Hyola®404RR +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Early-Mid	ABD	R	-
Advanta Seeds Hyola®600RR +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti +Poncho Plus + Awaken ST	Mid-Late	ABD	R	-
Pioneer 43Y23RR +Jockey Stayer +Gaucho +Poncho Plus +Maxim XL +Cruiser Opti +EverGolXtend +Poncho Plus + Awaken ST	Early	B	R-MR	R
Pioneer 44Y24RR +Jockey Stayer +Poncho Plus +EverGolXtend +Poncho Plus	Early-Mid	C	R-MR	R
Pioneer 45Y25RR +Jockey Stayer +Poncho Plus +EverGolXtend +Poncho Plus + Awaken ST	Mid	BC	R-MR	R



Monsanto Australia Ltd. ABN 86 006 725 560

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CLEARFIELD® HYBRIDS

	Maturity	Blackleg Grouping	Blackleg Rating Bare	Blackleg Rating with Jockey
Advanta Seeds Hyola®575CL +Jockey Stayer +Cruiser Opti +Maxim XL +Cruiser Opti	Mid	BF	R	-
Advanta Seeds Hyola®970CL +Maxim XL +Cruiser Opti	Very Late	H	R	R
Heritage Archer +Jockey Stayer +Gaucho	Mid-Late	C	MR-MS	MR
Heritage Carbine +Jockey Stayer +Gaucho	Early-Mid	C	MS	R-MR
Heritage Banker CI +Jockey Stayer +Gaucho	Mid	C	MR	R
Heritage Rimfire CI +Jockey Stayer +Gaucho	Mid	C	-	-
Pioneer 43C80CL +Jockey Stayer +Gaucho	Early	C	-	-
Pioneer 43Y85CL +Jockey Stayer +Gaucho	Early	-	-	-
Pioneer 44Y90CL +Jockey Stayer +Gaucho +Maxim XL +Cruiser Opti	Early-Mid	B	R-MR	R
Pioneer 44Y89CL +Jockey Stayer +Poncho Plus +EverGol Xtend +Poncho Plus	Early-Mid	BC	R-MR	R
Pioneer 44Y90CL +Jockey Stayer +Poncho Plus	Mid	B	R-MR	R
Pioneer 45Y91CL +Jockey Stayer +Poncho Plus	Mid	B	R-MR	R
Seedforce SF EdimaxCL +Maxim XL +Cruiser Opti + Awaken ST	Very Late	C	R-MR	R
TT HYBRIDS				
Advanta Seeds Hyola®559 TT +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti + Awaken ST +Poncho Plus	Mid	ABD	R	-
Advanta Seeds Hyola®650TT +Jockey Stayer +Cruiser Opti +Poncho Plus +Maxim XL +Cruiser Opti + Awaken ST +Poncho Plus	Mid-Late	ABD	R	-
Bayer InVigor T4510 +Jockey Stayer +Poncho Plus	Early/Mid		-	
Dyna-Gro DG560TT +Jockey Stayer +Poncho Plus +Maxim XL +Poncho Plus + Awaken ST	Early/Mid	BF	MR	R
Pioneer AtomicTT +Jockey Stayer +Poncho Plus	Mid	AB	-	-
Pioneer 44T02TT +Jockey Stayer +Poncho Plus	Early/Mid	ABD	R-MR	R
Pioneer 45T01TT +Jockey Stayer +Poncho Plus	Early/Mid	AB	MR-MS	R-MR
Seedforce SF Turbine TT +Jockey Stayer +Poncho Plus	Early/Mid	BF	MR	R

Client name _____

Local Landmark Store _____

Contact No. _____

Mobile _____

Email address _____

Signature _____

Date _____

*Clients using Roundup Ready must be registered and have an LSA number. The use of RR also incurs a license fee.

Product Description	Treatment	Quantity

ONCE SUPPLY IS GUARANTEED, THIS BECOMES A FIRM ORDER CANCELLATIONS ARE NOT PERMITTED.

PRICE/FREIGHT

Price is quoted ex Seed Shed or Primary Distribution Centre. Any additional freight costs incurred will be charged to the client's account. Liability to Landmark is restricted to the market value of any claim against seed.

IMPORTANT INFORMATION

All references to Landmark in this Guide are a reference to Landmark Operations Limited ABN 73 008 743 217. Certain items may not be stocked or available at all Landmark outlets. Further information can be supplied on request. Landmark reserves the right to correct any errors in this Guide. All items have been included in good faith on the basis that goods described will be available at time of publishing and on the basis of information provided by Landmark's suppliers. Landmark accepts no liability for any incorrect, inaccurate or incomplete information, or representations made or provided to Landmark, by third parties in any of the advertisements or information contained in this Guide. Failure of suppliers to deliver in accordance with samples, descriptions or at all or other unintentional errors may result in some lines being unavailable.

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If you do not wish to receive promotional material or mailings from us, please contact us on 03 9209 2000 or visit our website www.landmark.com.au



Dyna-Gro Seed

Dyna-Gro Seed is exclusive to Landmark.

Our commitment to seed is unrivalled in Australia including our in-house R&D and breeding efforts focused on local success to bring even more solutions to Australian farmers.

Choosing the right seed is the most important crop input decision you make for your farm. Landmark understands high yields start with high-quality seed and Dyna-Gro Seed partners with many seed breeders and companies to bring this seed to our customers

Dyna-Gro Seed is able to offer broad access to genetics and traits that can:

- Improve crop's performance
- Assist growth promoters
- Increase plant health
- Improve root systems
- Target disease and pest resistance

AWAKENST

Awaken ST - Extra Yield and Extra Profit

Awaken ST, by Loveland Agri Products, is a nutritional seed treatment made from a complex of zinc ammonium acetate with potash and a balanced micronutrient package. It stimulates early root growth so that seedlings germinate faster and get up and away sooner.

- Typically displays fast emergence and early vigour
- Increases auxin production leading to better root growth
- Helps young plants grow through times of stress, wet/dry
- Better establishment of later sown crops in cooler conditions
- Not for use on inoculated seeds



2017 Blackleg Management Strategies for Canola



Dr Wayne Burton,
Landmark's Senior Canola
Breeder shares his
blackleg management
strategies for canola for
2017:



Background

2016 has caused economic loss from reduced yield potential due to the highest levels of blackleg seen in the past decade across Australia. This has been due to a number of reasons including early break and early sown crops, significant use of TT open pollinated cultivars with the same blackleg groupings, tight rotations and abnormally wet conditions throughout the growing period.

Many growers have sown Group A cultivars for a number of consecutive years, this has resulted in blackleg populations that are virulent against the Group A major gene. Consequently some Group A cultivar's blackleg rating have fallen from MR to MR-MS. Group A cultivars that have sound crown canker resistance (adult plant resistance) have maintained their resistance rating. If sowing a Group A cultivar in 2017 consult the 2016 Blackleg Management Guide to choose a cultivar with good resistance.

There has been increased level of aerial blackleg infection due to early sowing and canopy size coinciding with spore release this season.

For continued successful Canola production in 2017, some key actions are required:

Quantify your risk – "Paddock by Paddock" and assess each paddock this "Spring" to ascertain level of blackleg disease pressure. Use secateurs or knife to do stem cuts and assess your disease levels.

Consult 2016 Spring "GRDC Blackleg Management Guide" to implement plan to reduce risk and yield loss in 2017.

- Cultivar Choice – Blackleg rating, select highest where possible (if in high risk area)
- Look at blackleg groupings and number of years you have been growing the same cultivar
- Look at distance from previous years stubble
- Look at fungicide options and new chemistry that is available
 - Seed applied fungicide
 - Fertiliser applied fungicide
 - Foliar applied fungicide (early and late)
- When considering selecting cultivar groupings, think about what implications growing a cultivar with multiple blackleg groupings will place on subsequent cultivar choice (i.e. selecting an ABDF grouped cultivar will significantly reduce cultivar options that can be grown in the following years).

Get out and assess your paddocks, develop a plan and place seed orders to secure suitable canola seed for success in 2017.

Early signs are that canola cropping area will increase in 2017 given soil moisture profile across Australia as well as depressed cereal returns. Order Now!

For more information refer to:

GRDC - 2016
Spring Blackleg Management Guide Fact Sheet
or contact:

Robert Christie – 0427 340 608
Wayne Burton – 0417 056 871

Important Note:

Our advice has been prepared in reliance upon information provided by you and other external sources and we do not accept any liability arising from the accuracy of that information. Our advice assumes that all environmental conditions will remain within average ranges and makes no allowance for adverse weather patterns and events or pest infestation. You acknowledge and agree that (i) we make no representations with respect to any future matters, including the outcome or performance of your crops, pastures or animal; (ii) we shall not be liable for any loss or damage however caused arising from our advice; (iii) you release us from any claims arising from the provision of our advice; and (iv) any implied condition, warranty or guarantee that would otherwise apply to our advice is excluded to the fullest extent permitted by law. Where our liability cannot be excluded, it is limited at our option to supplying the relevant services again, or paying the cost of that supply.

