

Project: *Pratylenchus thornei* & Canola
 Trial: RH1102
 District: Weemelah
 Planted: 2/05/2011

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

Starting *Pratylenchus thornei* populations:

Low	~3 g/soil
High	~9 g/soil

Split Plot Analysis		Plants/m ² 25/05/2011 23 DAP	NDVI Score 27/07/2011 86 DAP	Yield kg/ha 20/10/2011
Hybrid	ATR Stingray	35 a	0.77 b	2064 c
	Pioneer 43C80 CL	30 ab	0.79 a	2351 b
	Pioneer 45Y82 CL	27 b	0.81 a	2652 a
	Xceed Oasis CL	15 c	0.76 c	2522 ab
	P =	0.00	0.00	0.00
LSD =		6.8	0.02	176
RLN status	Low	29	0.78	2379
	High	25	0.78	2415
	P =	0.07	0.98	0.63
LSD =		nsd	nsd	nsd
Hybrid x RLN interaction				
Variety	RLN status			
ATR Stingray	Low	37 a	0.78	2125
ATR Stingray	High	33 ab	0.77	2003
Pioneer 43C80 CL	Low	37 a	0.79	2343
Pioneer 43C80 CL	High	23 cd	0.80	2359
Pioneer 45Y82 CL	Low	30 abc	0.81	2657
Pioneer 45Y82 CL	High	24 bcd	0.80	2647
Xceed Oasis CL	Low	11 e	0.75	2391
Xceed Oasis CL	High	18 de	0.76	2652
P =		0.04	0.40	0.17
LSD =		9.6	nsd	nsd
CV =				5.8 %

Field comments:

Pioneer 43C80 CL dry Matter 27/7/11 ~8300 kg/ha

	Grain Quality	<i>Pratylenchus thornei</i>
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Split Plot Analysis		Test Weight kg/hL	Oil %	Moisture %	Screenings %	/g soil 21/03/2012
Hybrid						
ATR Stingray		66.2 ab	47.0 b	6.2 b	0.02	3.0
Pioneer 43C80 CL		66.8 a	47.3 b	6.4 b	0.00	3.1
Pioneer 45Y82 CL		65.8 b	46.9 b	5.0 c	0.02	3.2
Xceed Oasis CL		63.6 c	55.5 a	7.8 a	0.02	1.8
P =		0.00	0.00	0.00	0.82	0.13
LSD =		0.8	0.5	0.5	nsd	nsd
RLN status						
Low		65.6	49.6	6.4	0.01	1.8 b
High		65.5	48.8	6.3	0.02	3.8 a
P =		0.62	0.11	0.84	0.42	0.09
LSD =		nsd	nsd	nsd	nsd	1.8 (10%)
Hybrid x RLN interaction						
Variety	RLN status					
ATR Stingray	Low	66.3	47.2	6.2	0.03	1.6
ATR Stingray	High	66.1	46.7	6.1	0.00	4.4
Pioneer 43C80 CL	Low	67.0	47.6	6.3	0.00	2.3
Pioneer 43C80 CL	High	66.5	46.9	6.4	0.00	4.0
Pioneer 45Y82 CL	Low	65.6	47.2	4.9	0.00	2.0
Pioneer 45Y82 CL	High	65.9	46.7	5.1	0.03	4.4
Xceed Oasis CL	Low	63.7	56.2	7.9	0.00	1.4
Xceed Oasis CL	High	63.4	54.8	7.7	0.03	2.2
P =		0.73	0.29	0.72	0.39	0.44
LSD =		nsd	nsd	nsd	nsd	nsd

