







Kurt Lindbeck/Audrey Leo – NSW DPI, Wagga Wagga

New South Wales

- Very dry season
- Below average winter rainfall and frosty conditions
- Dry winter conditions delayed apothecia germination by 6 weeks (mid August compared to early July)
- Reduced disease pressure with shorter crops, open canopies, below average rainfall
- Petal testing still detected low to moderate levels of petal infestation
- Negligible levels of stem infection across the region
- Low levels (<10%) of stem infection in traditional disease risk regions







No. of							Wagga		
week	Date	Mayrung	Barooga	Rennie	Howlong	Morven	Wagga	Lockhart 1	Lockhart
1	3/7 - 10/7								
2	10/7 - 17/7					_			
3	17/7 - 24/7							16	
4	24/7 - 31/7	6					30	18	
5	31/7 - 7/8	6					18	40	
6	7/8 - 14/8	6	10	94	12	20	4	6	
7	14/8 - 21/8	8	6	78	8	24	20	14	64
8	21/8 - 28/8	12	22	92	46	60	32	44	96
9	28/8 - 4/9	16	14	46	48	66	36	48	72
10	4/9 - 11/9		20	94	48	66	6	10	16
11	11/9 -18/9		8	30	50	96	10	2	14
12	18/9 - 25/9		2	4	44	90	10	0	34
13	25/9 - 2/10		2	0	0	40	8	0	
14	2/10 - 9/10		0		2	2	40		
15	9/10 - 16/10				0				
16	16/10 - 23/10								
Total rain	nfall during								
flowering (mm)		58.8	53.6	53.4	118.6	42	36.6	66	18.8
% stem infection		-	-			3%	<1%	-	-
lears since canola		3			2	2	2	3	3







NSW Summary

- Dry conditions in 2017 kept sclerotinia stem rot levels low in central and southern NSW.
- Despite dry conditions infested petals were still detected in every crop sampled.
- Levels and duration of petal infestation was reduced compared to previous seasons.
- Crop observations in 2017 support the \ge 95% RH for 48 72 hr trigger for stem rot epidemics.

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Department of Primary Industries







Lower Eyre Peninsula

Blake Gontar, SARDI

- Dry start, break was early July everywhere except a few 'bands' along the west coast which received thundery showers in late April through May. Good rainfall fell in July (90+mm), August (90+mm) and September (35+mm) → early sown canola crops infected. Sclerotinia incidence ranged from 0-16.8% but some did not significantly reduce yield.
- The majority of the district's canola flowered in late September, under drying conditions, and consequently sclerotinia infection was extremely low i.e. <1% incidence.
- No sclerotinia and no yield response in fungicide trial sown in late June at Mt Hope despite petal infection. Flowered too late, in too dry conditions.









Summary of all states

- Late break and below average rainfall in a lot of areas in 2017.
- Inoculum was delayed due to late break.
- Sclerotinia stem rot levels negligible low in most canola growing regions.
- Despite dry conditions infested petals were still detected in every crop sampled in NSW but crop infection was low.
- Some crops in WA and Lower Eyre Peninsula had yield responses to fungicide application.

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Site	R group	Main stem infection	Branch infection	Basal infection			
Riverton, SA	Group A	1.3	0.0	0	Protocol		
	Group AB	1.3	0.0 0.0 2.0 0.7	0 0 0 0	Counted 50 plants # plants with main stem, branch or basal infection recorded % of plants in each category presented		
	Group ABD	0.0					
	Group ABDF	6.0					
	Group AD	2.0					
	Group AS	3.3	0.0	0			
	Group B	0.0	0.0	0			
	Group BF	1.3	0.0	0			
	Group C	2.7	0.0	0			
	Average for site	2.0	0.3	0.0			
Turretfield, SA	Group A	0.0	0.7	0			
	Group AB	0.0	0.0	0			
	Group ABD	0.7	0.7	0			
	Group ABDF	0.0	0.0	0	Steve Marcroft,		
	Group AD	0.7	0.0	0	Marcroft Grains		
	Group AS	0.7	0.0	0	Pathology, Victoria		
	Group B	0.7	0.7	0			
	Group BF	2.0	0.7	0			
	Group C	4.7	0.0	0	marcroft		
	Avorago for sito	1.0	0.3	0.0			

