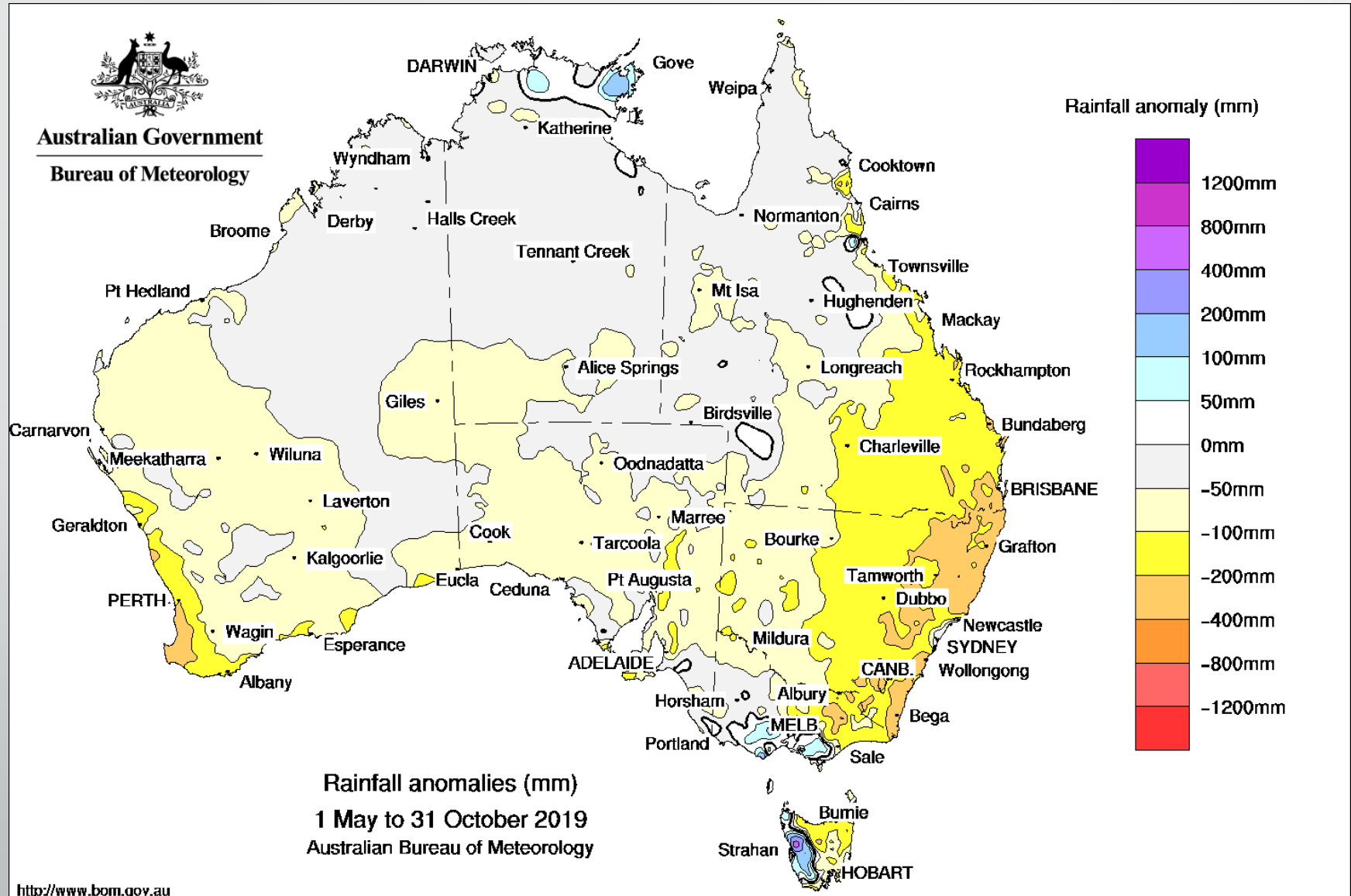


Victorian Growing Season Update for 2019

Alistair Smith 2020

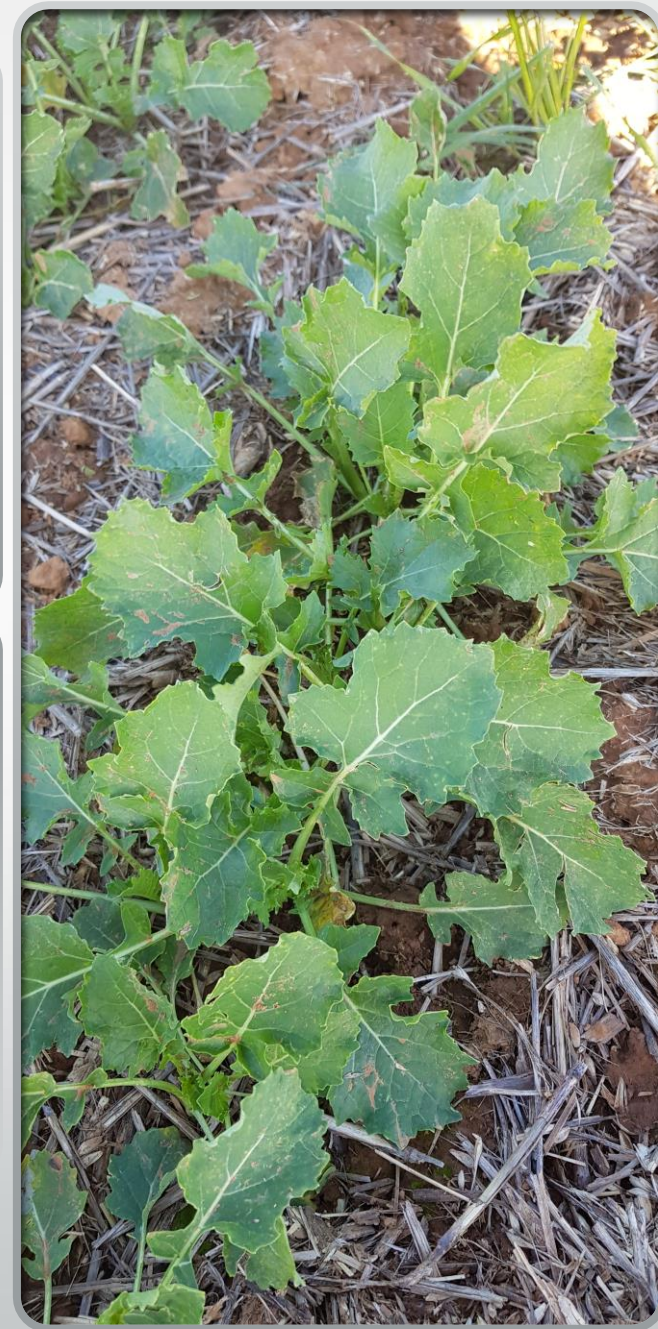


Australia Rainfall Anomaly Map (May-Oct) 2019



<http://www.bom.gov.au>





- Early season - Leaf lesions generally low in all areas

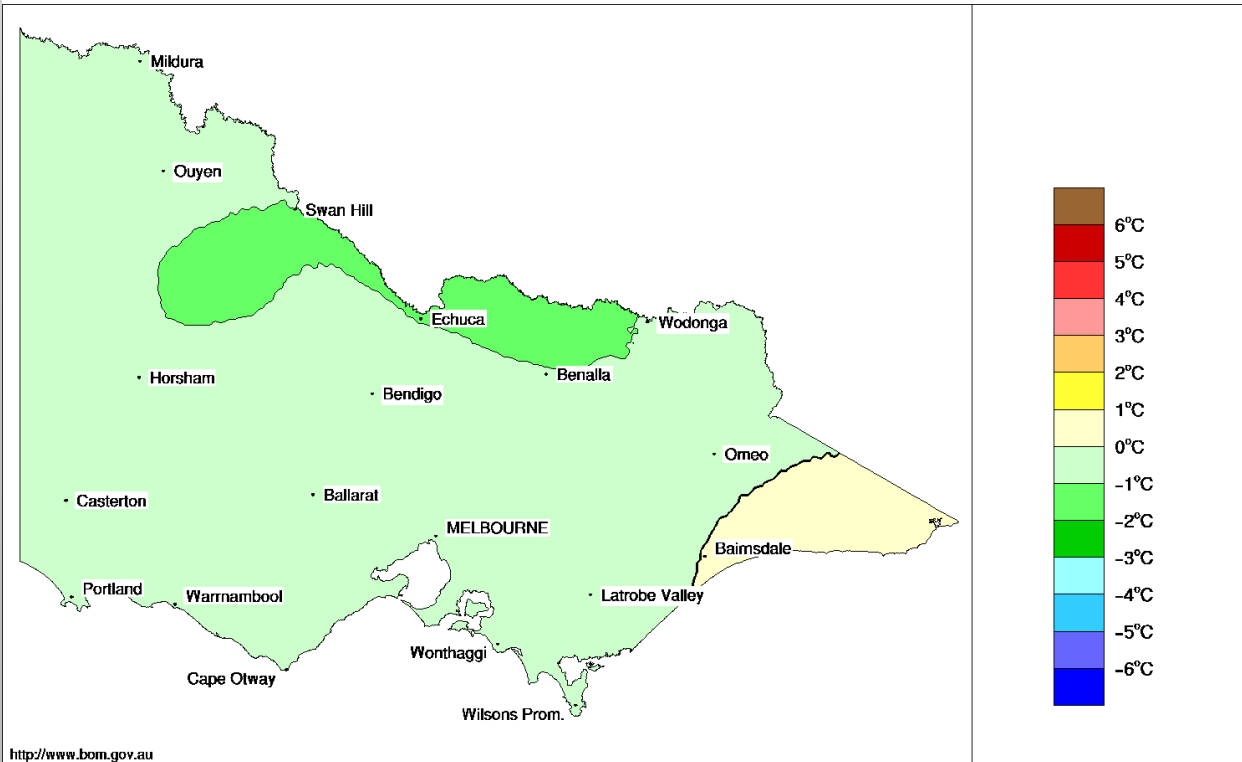




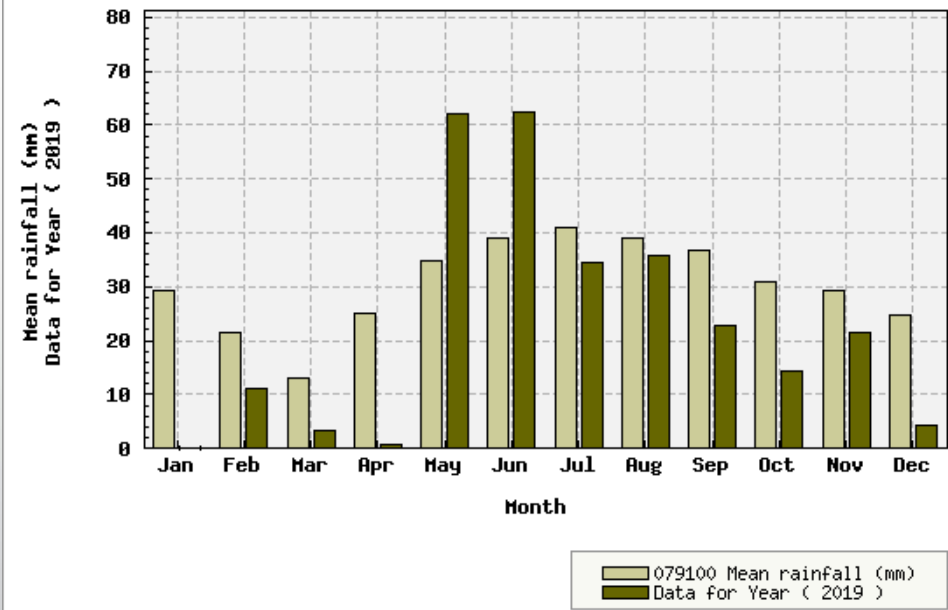
22nd of August

August temp and rainfall compared to average

Mean Temperature Anomaly (°C) August 2019
Australian Bureau of Meteorology



Location: 079100 HORSHAM AERODROME

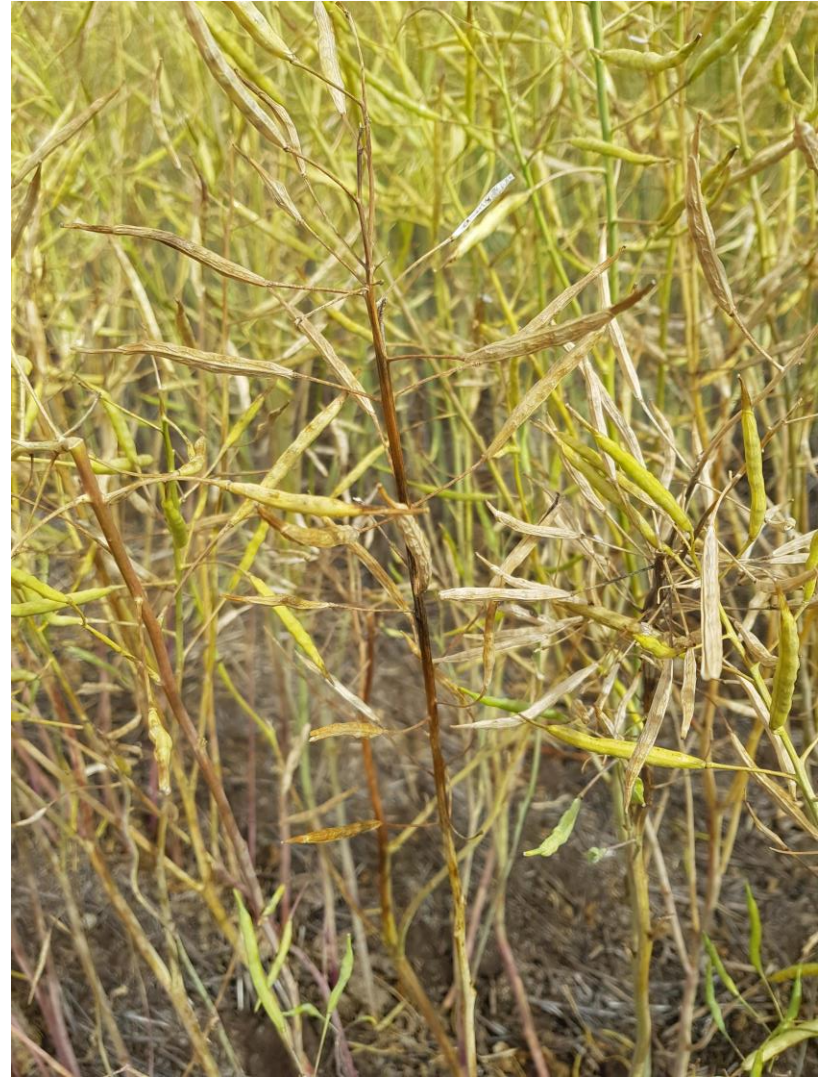
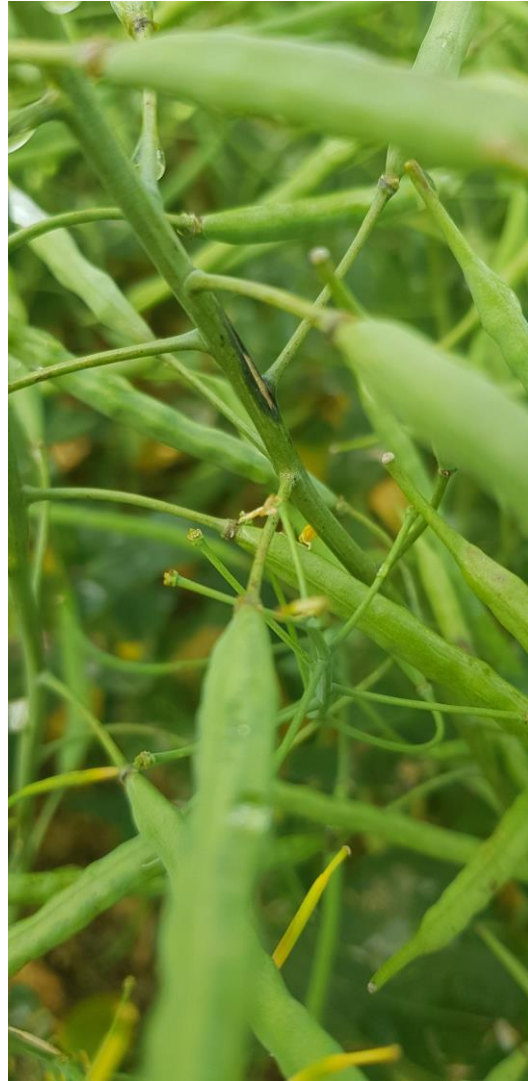


**Recommendations to spray for disease control
were made to many agronomists and growers**



Upper Canopy Infection

Victorian region	Site	50% bloom % Infected flowers	Windrowing % Pod infection	Windrowing % Darkened branches
Central	Charlton	2.8	0.0	0.3
Central	Diggora	5.8	0.0	2.0
North East	Wunghnu	2.5	0.0	2.0
North East	Yarrawonga	5.7	0.0	12.7
Wimmera	Minyip	1.8	0.0	9.5
Wimmera	Kaniva	1.0	3.3	13.2
Western District	Hamilton	1.7	1.7	14.0
Western District	Lake Bolac	4.3	3.2	12.8



Victorian Region	Site	Gp A, MR	Gp A, MS	Gp ABD, MR	Gp ABD, R- MR	Gp ABDF, R	Gp B, MR	Gp B, MS-S	Gp BC, R-MR	Gp BF, MR	Gp BF, MR-MS	Gp C, MR	Gp C, MR-MS	Gp H, R	Site average
Central	Charlton		17		1	2	7		1		21		48		13
Central	Diggora		6		1	2	5		1		7		16	1	5
North East	Wunghnu		23		0	0	12		2		24		20	0	10
North East	Yarrawonga		10		0	0	5		2		22		22		9
Wimmera	Minyip		56		2	6	31		11		56		68		33
Wimmera	Kaniva	14	31	18	3	4	19	39	6	39	43	14	51	0	22
Western Distract	Hamilton	22	32	21	8	11	14	34	9	21	37	7	38	11	20
Western Distract	Lake Bolac	35	29	38	17	35	22	46	10	35	39	16	62	10	30

Victorian Disease Monitoring Sites

Site	Resistance Group							
Vic	A	B	C	ABD	ABDF	BF	BC	H
Charlton	Red	Yellow	Red	Green	Green	Red	Yellow	White
Diggera	Red	Yellow	Red	Green	Green	Yellow	Yellow	Green
Hamilton	Red	Red	Red	Yellow	Green	Red	Red	Green
Kaniva	Red	Red	Yellow	Green	Green	Red	Yellow	Green
Lake Bolac	Red	Red	Red	Yellow	Yellow	Red	Red	Green
Minyip	Red	Red	Red	Green	Green	Red	Yellow	White
Wunghnu	Red	Red	Red	Green	Green	Red	Yellow	Green
Yarrawonga	Red	Yellow	Red	Green	Green	Red	Yellow	White

Thank you



- Grains Research and Development Corporation
- University of Melbourne
- Marcroft Grains Pathology
- Bureau of Meteorology