



## Field Pea Blackspot Management Guide for Victoria - 2011

### Blackspot management practices

- **Separation** >500 m from last year's field pea stubble
- **Rotation** at least 3 years between crops in a paddock
- **Time of sowing**

Summer and autumn conditions determine when blackspot spores are released. Field pea crops should be sown so that the majority of blackspot spores (~60%) have been released prior to the crop emergence. This level of spores results in a disease severity of 2 or less. This prediction is based on DAFWA's "Blackspot Manager" model using weather data from the nearest weather station. See details on: <http://www.agric.wa.gov.au/cropdisease>

District and rain fall to date (stubble wetting days)	Week starting	4-May	11-May	18-May	25-May	1-Jun	8-Jun	15-Jun	22-Jun	29-Jun	6-Jul	13-Jul	20-Jul	27-Jul
Ballarat 396.3 (90)	Blackspot severity	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X	X	X?	Sow	Sow	Sow	Sow	XX?	XX?	XX	XX	XX
Benalla 371.2 (86)	Blackspot severity	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X	X	X	X	X?	X?	Sow	Sow	Sow	Sow	Sow	XX?
Charlton 320.4 (78)	Blackspot severity	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X?	Sow	Sow	Sow	XX?	XX?	XX	XX	XX	XX	XX	XX
Edenhope 321.6 (94)	Blackspot severity	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X	X?	X?	Sow	Sow	Sow	Sow	XX?	XX	XX	XX	XX
Hamilton 349 (98)	Blackspot severity	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X	X	X	X	X	X?	X?	Sow	Sow	Sow	Sow	XX?
Hopetoun 262.2 (67)	Blackspot severity	2	2	2	1	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X	X	X	X	X?	X?	Sow	Sow	Sow	Sow	XX?	XX
Horsham 262.1 (92)	Blackspot severity	1	1	1	1	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X	X?	Sow	Sow	Sow	Sow	XX?	XX	XX	XX	XX	XX
Swan Hill 248.2 (60)	Blackspot severity	2	2	2	2	1	1	1	1	1	1	1	1	1
	Sowing guide	X	X	X	X?	X?	Sow	Sow	Sow	Sow	XX?	XX	XX	XX

<b>Sow</b>	Sow - whilst observing separation and rotation - do not sow dry
<b>X</b>	Too early to sow
<b>X?</b>	Marginally early to sow
<b>XXX</b>	Don't sow - Blackspot risk too high
<b>XX?</b>	Getting too late to sow
<b>XX</b>	Too late to sow

Rainfall (January to May 22) of nearest weather station. Where individual rainfall is less than indicated, the probability of severe blackspot may be higher.

Projection based on assumption of occurrence of at least one fortnightly rain in excess of 3.5 mm.

Blackspot severity	Percentage Yield Loss in		
	5/10 yrs	3/10 yrs	1/10 yrs
1	0	0	0
2	2	5	15
3.5	20	25	35
5	25	30	50

#### Further details

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