

Fiesta VF, a new Faba Bean Variety Release in 1998

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Fiesta VF (formerly Acc 483) is a new variety of faba bean for release in 1998.

This variety is moderately resistant to Ascochyta blight and moderately susceptible to chocolate spot (Table 1). It has a seed size that is larger than Fiord but not as large as Icarus (Table 1). Samples submitted to Egyptian buyers have received a very positive response because of Fiesta VF's improved seed size and its seed coat colour which is similar to that of Fiord.

Fiesta VF is generally better adapted to medium and higher rainfall environments (Table 2). Its average yields in the Wimmera, South west Victoria and under irrigation have been higher than those of Fiord. In the Mallee Fiesta VF yielded 2 t/ha in 1995, at 80% of Fiord (2.5 t/ha). Fiesta VF appeared to be higher yielding than Fiord at Birchip and Walpeup in 1997 but the results of these trials were too variable for a reliable assessment.

Faba bean growers now have six varieties of faba beans to choose from. The new variety Fiesta VF, Fiord and its two reselections, the Ascochyta blight resistant variety Ascot and Barkool, the chocolate spot tolerant green seeded variety Icarus and the broad bean Aquadulce.

Table 1 Faba bean disease characteristics, seed size and days to flowering from sowing

Variety	Seed size (g per 100 seeds)	Ascochyta	Chocolate spot	Rust	Days to Flowering
Fiord	33-55	S	S	S	107
Ascot	35-55	T/R	S	S	107
Barkool	33-55	S	S	S	104
Fiesta VF	60-76	MR	MS		107
Icarus	80-100	VS	MR	MS	123
Aquadulce	90-160	MS	MR	S	112

Tolerant/Resistant = T/R; Moderately resistant = MR; Moderately susceptible = MS;

Susceptible = S;

Very susceptible = VS, Flowering date = sown 25/5/1996

Tolerant means that a variety will show signs of disease infection but it will not be affected in yield.

Resistant means that a variety will have little or no signs of disease infection.

Table 2 Faba bean yield as a % of Fiord

	Variety	mean yield %	1997	1996	1995	1994	1993
WIMMERA	Fiord	100	100 (3)	100 (3)	100 (3)		100 (13)
	Fiesta VF	101	106 (3)	111 (3)	94 (3)		93 (1)
MALLEE	Fiord	100			100 (1)		
	Fiesta VF	80			80 (1)		
IRRIGATION	Fiord	100	100 (1)	100 (1)	100 (2)	100 (1)	100 (2)
	Fiesta VF	118	116 (1)	122 (1)	98 (2)	96 (1)	148 (2)
SOUTH WEST VICTORIA	Fiord	100	100 (1)	100 (1)	100 (1)		100 (1)
	Fiesta VF	138	188 (1)	157 (1)	103 (1)		105 (1)

The number of trials in each year is indicated between brackets.

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