

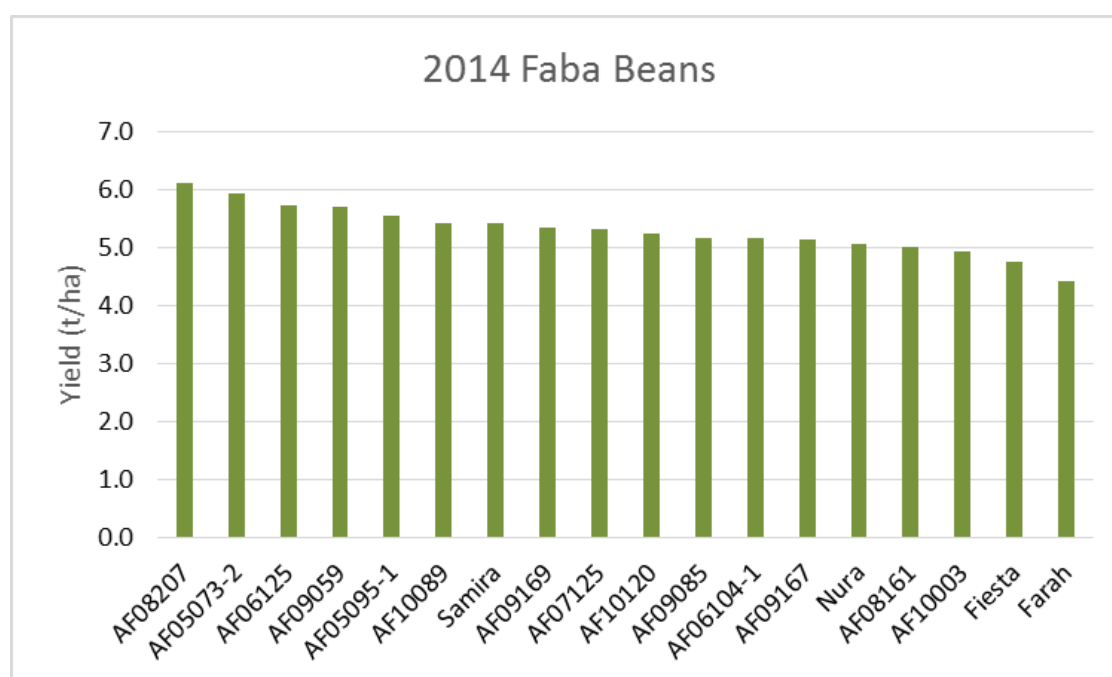
Faba Bean Variety Trial 2014

This trial was sown, following pre-irrigation, on May 2nd, with variable sowing rates ranging 135 to 190 kg/ha based on seed size, from aiming at 25 plants/m². Seed was treated with imidacloprid so as to deter aphids and reduce the likelihood of virus infection.

The trial received four fungicides applications through the season. A low level of chocolate spot infection occurred on the lower leaves during the wet period in winter, but the infection did not progress further.

The trial was irrigated three times in spring, in August 25th, September 19th and October 16th.

Harvested on November 28th, the trial averaged 5.3 t/ha.



The least significant difference was 0.69 t/ha

Similar to the 2013 result, almost all of the experimental lines performed better than our current varieties Farah and Fiesta. Samira (tested as AF05069-2) was released during 2014. Limited quantities of seed were available but allocated by Christmas. AF05095-1 is still in the pipeline to be released. AF05073-2 has done quite well over several season but there still is an issue of small bean size, but seed size under irrigation in the 2013 and 2014 trials has been similar to Fiesta and Farah. AF08207 has done quite well over a range of trials and is a potential variety release.

Longer term performance of the Fabas at Kerang.

Variety	2005	2007	2008	2009	2010	2011	2012	2013	2014	Ave
AF08207							135%	124%	128%	129%
AF05073-2				114%	103%	115%	118%	108%	125%	114%
Samira					103%	96%	110%	108%	114%	106%
AF05095-1					79%	95%	116%	110%	117%	103%
Fiesta	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Farah	99%	102%	82%	82%	98%	89%	88%	100%	93%	93%
Nura	92%	71%	89%	92%	86%	100%	90%	109%	107%	93%
Rana	126%	78%	72%	106%	75%	68%	104%			90%
Fiesta t/ha	3.0	5.6	7.2	3.7	5.8	6.5	3.3	5.5	4.75	4.89