

2022 VARIETY TRIALS

Faba Bean Variety Trial Summary

Variety trials under irrigation provide key information on varieties in terms of yield potential, grain quality and also assess varietal characteristics such as maturity, height, disease resistance and lodging. The Kerang Research Centre is predominantly self-mulching grey clay, or a medium grey clay, with some red medium clay on the western section.

The trial block was inundated by floodwater on October 31. While the floodwater had receded by November 21, the site remained waterlogged for another 10 days.

2022 Trial Observations

The fungicide program up until the flooding had kept disease to a minimum. The rainfall in October had already caused a lot of lodging, with only one breeders line remaining upright before the inundation resulted in death and collapse of the canopy.

As plants died within the trial the decision was made to not harvest. As a result we have included the long-term averages from the trial site at Kerang.

Long term Average Results

Variety	2014	2015	2016	2017	2018	2019	2020	2021	Ave
AF14092							117%	106%	111%
PBA Marne	99%	94%	89%	103%	98%	106%	108%	98%	103%
Samira	100%	100%	100%	100%	100%	100%	100%	100%	100%
PBA Bendoc				95%	97%	99%	107%	99%	99%
PBA Amberley		99%	107%	107%	98%	95%	105%	92%	99%
Fiesta	88%	93%	101%	93%				99%	95%
Farah	82%	96%	81%	93%	97%	105%	102%		94%
Zahra	103%	92%	87%	91%	89%	86%	105%		93%
Nura	94%	93%	76%		93%	101%	101%		93%
Samira t/ha	5.5	5.9	6.7	7.2	6.2	5.0	5.4	7.4	6.2

Growing Season Rainfall (mm)	232.2	170.8	340.3	220.2	121.6	154.6	251.9	160.4	
Irrigation Applied (ML) - Autumn	1.5	1.5	1.5	1.75	1.50	1.75	1.70	1.50	
Irrigation Applied (ML) - Spring	2.5	3.6	1.0	3.80	3.80	2.90	1.80	2.60	

Note: This is only one trial in one location/environment. It is advised to consult other trial results over multiple sites and seasons before making annual variety decisions.