

BROAD BEAN HERBICIDE SCREENING

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Key Points:

- This trial was initiated at the request of growers, to screen alternative post-emergent herbicides that may be effective in controlling weeds in this crop in the future.

Trial Notes for Broad Bean Herbicide Screening Trial:

- 3 reps, Plot sizes were 5 x 1.7m (15cm row spacings)
- Post-emergent herbicide was scored for visual damage on 26th September 2012. These results have been combined with yield data and the results will be discussed with Pulse Australia to look at future work in determining herbicide permits for Broad Bean crops.

Sites:

Conmurra

Farmer Co-operator

Lachie Seears

April-Oct Rainfall

514mm

Additional information:

Disclaimer:

This trial purpose is for research only. In this trial, the research being undertaken may be illegal through the use of a registered product off-label.

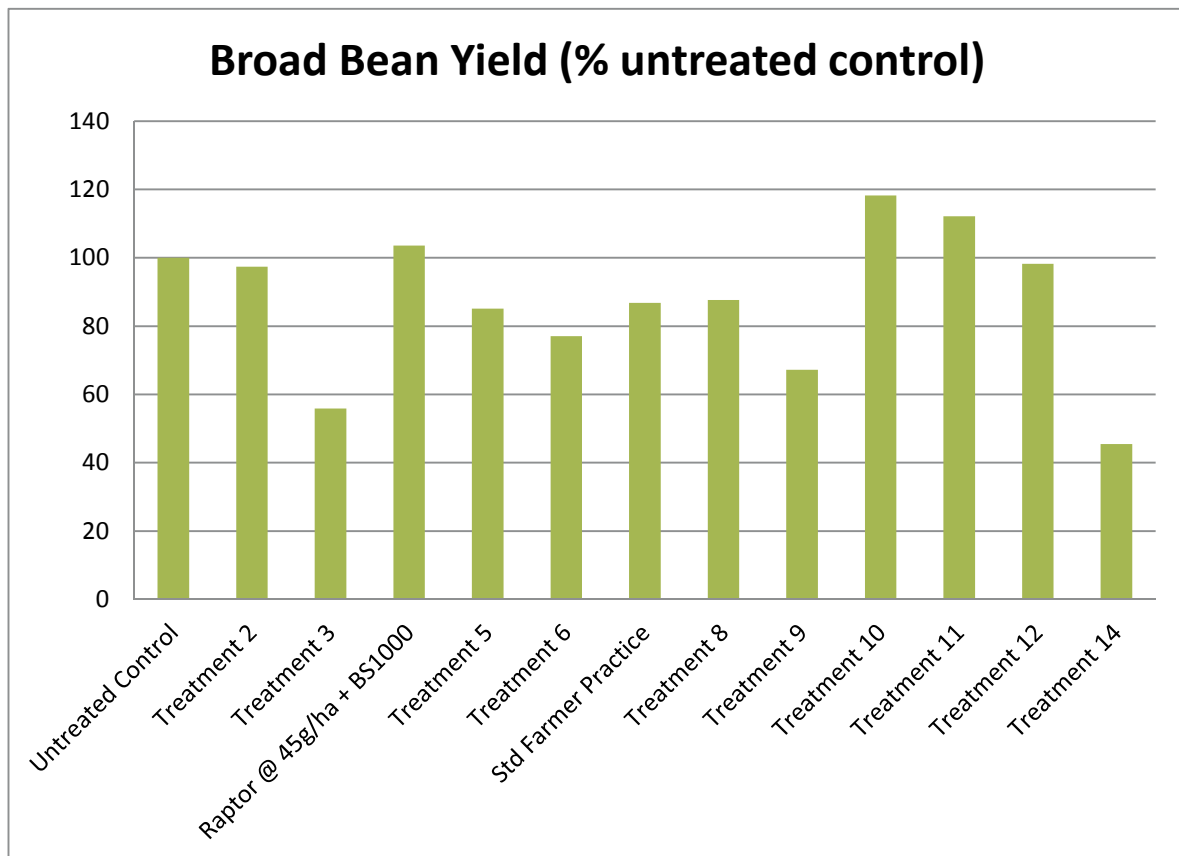
Information in this report may contain off-label use and therefore individuals should seek professional advice or always refer to label before using any of the chemicals in this report on farm.

Results:

The results are shown below in Table 1. This site had a very low weed burden, so the only real assessments were on the effect of the herbicides on broad bean yield.

Those treatments that didn't cause significant yield losses will be looked at in the future with regards to their efficacy on weeds, and these results will be shared with Pulse Australia and the relevant companies with a view to looking for future herbicide control options in Broad Bean crops in the South-East.

Table 1: Broad Bean Yield Results



NB/ Untreated Control Yield: 2.55T/ha; Isd (5%) 0.44t/ha

(Anything that yielded 20% above or below untreated control was not significantly different)

