Managing Rosinweed and Star of Bethlehem in the Wimmera and Mallee regions of Victoria

Kelly Angel

Birchip Cropping Group

Key Take Homes

- Rosinweed and Star of Bethlehem
  - Have specific areas of influence
  - Can cause up to 50% yield loss anecdotally
  - Difficult to control with currently registered options

- No silver bullet for Rosinweed, grower practice of including 2,4-D Ester in summer sprays still best bet.

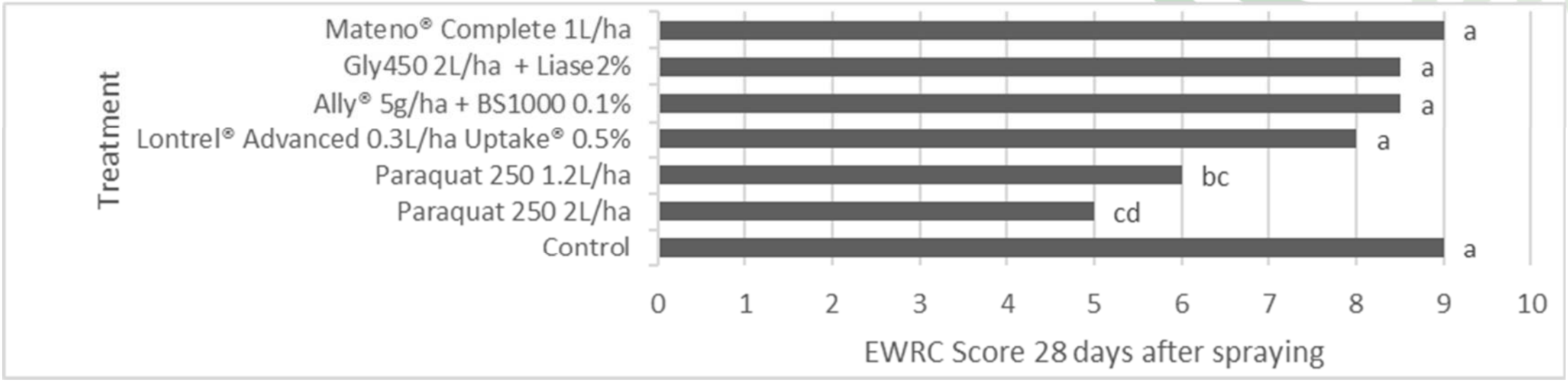
- For Star of Bethlehem, focus needs to not just be on above ground activity… lets discuss this more…

BCG SHARED SOLUTIONS

GRDC GRAINS RESEARCH & DEVELOPMENT CORPORATION

Star Of Bethlehem (*Ornithogalum umbellatum*)

Field Studies – Star of Bethlehem



Charlton Star of Bethlehem 28 days post application EWRC scores. Performance indicated by 1=full control to 9 = no control. P = <0.001, LSD = 1.1948, CV% = 29. Significant differences indicated by differences between letters.

Pot Studies – Star of Bethlehem

Treatment	Bulbs per pot	Population increase factor
Control	31.2	4.5
Ally 5g/ha + Activator	**0**	**-**
Ally 7g/ha + Pulse	**0**	-
Ally 7g/ha + Activator	**0**	**-**
PARA-KEN 1.2L/ha	**0**	**-**
Intercept 750ml/ha + Hasten 0.5%	14.8	2.1
Crucial 1.2L/ha	19.3	2.7
Crucial 1.2L/ha + Terrad'or 40g/ha + Banjo 1%	8.0	1.1
Crucial 1.2L/ha + Voraxor 100ml/ha + Hasten 1%	12.3	1.8
Overwatch 1.25L/ha	23.8	3.4
Glean 20g/ha + Activator 0.1%	15.0	2.1
Talinor 500ml/ha + Hasten 1%	21.2	3.0
Talinor 1000ml/ha + Hasten 1%	17.7	2.5
Crucial 2.4L/ha	16.8	2.4

P value <0.001, LSD 11.43, CV% 6.2

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Above ground vs below ground herbicide activity

Ally 5g/ha

Control

Paraquat 1.2L/ha

Questions?

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