

ZORRO[®] CEREAL SEED TREATMENT IN WHEAT

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AIM

To determine if there are benefits from the application of the cereal seed treatment, Zorro[®] in Wyalkatchem wheat.

BACKGROUND

Zorro cereal seed treatment is said to be a specially formulated combination of Baytan[®] and Gaucho[®] that is designed mainly for use in barley, but can also be used in wheat and oats (Bayer 2007).

It is believed that the use of Zorro allows growers to shift away from the routine use of post-emergent insecticides as the systemic nature of the product ensures that each individual plant are protected. Therefore the need for post-emergent insecticide is reduced or eliminated (Bayer 2007).

TRIAL DETAILS

Property	Colin and Ruth Cail, east Wubin
Plot size & replication	500m x 12m x 2 replicates
Soil type	Wodjil (highly acidic sandy soil)
Sowing date	3/6/08 – 4/6/08
Seeding rate	55 kg/ha
Crop variety	Wyalkatchem
Fertiliser	4/6/08: 35 kg/ha Agstar
Paddock rotation	2006 = Wheat, 2007 = Lupins
Herbicides	4/6/08: 1 L/ha Glyphosate, 1.2 L/ha Treflan, 35 g/ha Logran
Growing Season Rainfall	262mm

RESULTS

Table 1: Yield and quality of Wyalkatchem wheat sown with and without Zorro in 2008.

Variety	Yield (t/ha)	Protein (%)	Screenings (%)	Weight (g)
Control	2.88	10.8	0.88	1,728
Zorro	2.95	11.3	0.50	1,771
LSD (5%)	ns			

There are no significant differences in yields between the control (no Zorro seed treatment) and the Zorro seed treatment plots (table 1).

COMMENTS

- There are no significant differences in yields between the control (no Zorro seed treatment) applications and the plots grown with Zorro seed treatment.

ACKNOWLEDGEMENTS

- Thanks to Colin and Ruth Cail for hosting the trial site and the seeding, harvesting and implementation of the trial.

REFERENCES

- Bayer, 2007. 'Zorro product bulletin', Website: www.bayercropscience.com.au/cs/products/productdetail.asp

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