

Seed Treatment Trial 2009 – CANFA & Syngenta joint project

In 2009 CANFA and Syngenta teamed up to run a replicated demonstration on seed treatments for cereals. The aim of the project was to look at whether the benefits of Dividend's seedling vigor would compensate for its lack of protection against rust in the seedling stage, which is what Jockey provides. To compensate for this lack of seedling rust protection the protocol called for a foliar application of Tilt Fungicide at the early stages tillering.

The following seasonal observations were noted

- Stripe Rust was not present in this field this year
- Insect pressure was minimal, in particular no presence of Aphids or Mites
- Weed pressure was minimal with nil herbicide treatments

The demonstration plots were harvested and weights recorded by NSW I&I, thanks for their assistance. In this demonstration (see table below), whilst statistically there is no significant difference between any of the treatments yields, there are a couple of observations worth noting. Although only one trial these observations are consistent with the findings of other industry groups (eg GRDC).

1. All 3 of the Treatments with Dividend ranked in the top 3 yields
2. In this instance, all seed treatments were better than Nil treatment

Treatment	Rep 1	Rep 2	Rep 3	Ave Yield	Ranking
Dividend 130 , + Cruiser Insecticide	2.548	2.444	2.498	2.497	1
No seed treat, + Tilt	2.011	2.109	2.161	2.094	5
Jockey 450	2.238	2.38	2.5	2.373	4
Dividend 130, + Eme 120 insecticide	2.336	2.414	2.44	2.397	3
Dividend 260, + Tilt	2.261	2.389	2.556	2.402	2

For any further assistance on these results contact Stan Noonan, 0417 218830,

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