

DEMONSTRATION



On Farm Demonstration in Dry-Land Wheat: Lake Grace, WA, Australia 2008

SUMMARY OF DEMONSTRATION

In winter 2008 an on-farm demonstration compared a single foliar application of TwinN against no additional treatment on the Yipti variety of wheat. The soil type is sand over a gravelly loam.

The demonstration was prepared over two replicated blocks each measuring 120 x 10.6 metres.

KEY RESULTS

The blocks treated with TwinN outperformed the non-treated blocks. An average yield increase of 280 kg/ha represents a 12% gain with the application of TwinN.

Field observations were that the TwinN treatments resulted in a significant increase in straw, and larger heads.

Trial	No TwinN (kg/replicate)	Yield (t/ha)	TwinN Treatment (kg/replicate)	Yield (t/ha)
1 (frost affected)	226	1.8	271	2.1
2 (frost affected)	194	1.5	206	1.6
average	210	1.7	239	1.9

METHODOLOGY

The crop was planted in early May at a seeding rate of 45 kg/ha with a basal application over all plots of WMF NPK Plus at the rate of 80 kg/ha, plus CAN at 10 kg/ha at the time of planting to give a total of 9 units of N at planting.

The TwinN was applied at advanced tillering via boom spray in 50 l/ha water. It was applied early morning onto a dew with no wind.

The plots were harvested into field bins and measured separately.

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