# DEMONSTRATION

## *On Farm Demonstration in Dry-Land Wheat: Pingrup, WA, Australia 2008*

## SUMMARY OF DEMONSTRATION

In winter 2008 an on-farm demonstration compared a single foliar application of TwinN vs a top dressing of ammonium sulphate of 80 kg/ha. The variety was Stilleto with the soil type sand over gravelly loam.

The demonstration was managed over two replicates covering 200 hectares.

## KEY RESULTS

Both replicate blocks treated with TwinN outperformed the ammonium sulphate treated blocks. An average yield increase of 450 kg/ha represents a 17% gain with the application of TwinN.

The farmer experienced an input cost saving of approximately $10/ha using TwinN based on ammonium sulphate @ $430/t.

| Trial | Ammonium Sulphate (t/ha) | TwinN Treatment (t/ha) | % Increase |
|---|---|---|---|
| 1 | 2.3 | 2.7 | 17.4 |
| 2 | 2.4 | 2.8 | 16.7 |
| average | 2.35 | 2.8 | 17.0 |

The average protein level across both blocks was 12.5%.

## METHODOLOGY

The crop was planted in early May with a basal application over all plots of NFert at the rate of 100 kg/ha at the time of planting. This is the standard fertiliser application for the grower.

The TwinN was applied via boom spray during advanced tillering. The ammonium sulphate was top dressed at the rate of 80 kg/ha.

TwinN was in 50 l/ha water and applied early morning onto a light dew with no wind.

The plots were harvested into field bins and measured separately.

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