

# Trial 19

## Crop Tolerance to Herbicides in Four Wheat Varieties

**Aim:** to determine whether the ASW wheat varieties Barunga, Beulah, Ouyen and Meering differ in their tolerance to herbicides. The herbicides tested were used at recommended rates.

### Results:

Herbicide	Barunga t/ha	Beulah t/ha	Meering t/ha	Ouyen t/ha
Control	1.66	1.62	1.16	1.10
Achieve 430g + supercharge 0.75%	1.68	1.49	1.41	1.41
Hoegrass 1.5L + wetter 0.25%	1.70	1.32	1.37	1.18
Ally 5g + MCPA LVE 500ml	1.65	1.54	1.37	1.39
Eclipse 7g + MCPA LVE 500ml	1.75	1.51	1.01	1.28
Broadstrike 25g + Uptake oil 0.5%	1.54	1.82	1.25	1.38
Diurex 275g + MCPA500 400ml	-	1.36	1.15	1.29

### Interpretation:

There were no significant detrimental effects found of the herbicides on any of the wheat varieties tested. However, Barunga and Beulah yielded significantly better than Meering and Ouyen. The reasons for this are not clear. At this stage we have not been able to determine whether ASW wheat varieties differ in their tolerance to commonly used herbicides.