

Aventis 'Hussar[®]' in wheat demonstration

AIM

To demonstrate a new wheat herbicide Hussar[®] for grass and broadleaf weed control from Aventis

METHOD

Frame wheat was sown on May 13. Treatments were applied early post emergent on July 4 at the 3-5 leaf stage of the wheat. Weed counts taken 7/8/00. The trial was not replicated.

RESULTS

Treatment	WIW % Weed Control	Vetch % Weed Control	Yield t/ha
Control	0	0	2.07
Hussar [®] 150g	95	85	2.45
Hussar [®] 200g	96	95	2.55
Jaguar [®] 0.5L + Lontrel [®] 80ml	100	100	2.52
Hussar [®] 150g + Lontrel [®] 80ml	95	100	2.53
Hussar [®] 200g + Lontrel [®] 80ml	98	100	2.64

WIW= White Iron Weed (Corn Gromwell)

INTERPRETATION

The control plot yielded the least, probably due to high weed competition. Hussar[®] did a good job on the White Iron Weed but was not quite as good on the vetch. Hussar slightly shortened the crop when compared to Jaguar[®] and the untreated but this did not affect yield. The Jaguar[®] and Lontrel[®] mix was excellent on weed control and crop safety. There were no noticeable yield differences between Hussar[®] and Jaguar[®].

Hussar[®] is a group B herbicide, which is active on a range of grasses (Wild Oats, Phalaris, and Rye Grass) and broadleaf weeds in wheat. Hussar[®] is currently pending registration.

CropCare 'Affinity' in cereals demonstration

AIM

The aim was to demonstrate a new cereal broadleaf weed herbicide 'Affinity' from CropCare

METHOD

Frame wheat was sown on May 13, and treatments were applied early post emergent on July 4. The trial was a demonstration only.

RESULTS

	Yield t/ha
Control	2.14
Affinity 50g + MCPA 500 0.5L	2.52
Affinity 50g + MCPA 500 0.5L + Lontrel 100ml	2.46

INTERPRETATION

Affinity is a Group G herbicide (as is Goal) used for broadleaf weed control in cereals. Best used in conjunction with MCPA. The control plot yielded the least presumably due to competition from weeds. Affinity showed good crop tolerance.