

**Olympus Flex for Downy Brome Control in Winter Wheat - 2007**  
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Location: WCREC Dryland Farm, North Platte.

Procedure: Plots were laid out in randomized complete block design with three replications. Winter wheat variety Jagalene was planted September 19, 2006. Fall treatments were applied November 7, with wheat being 3-4 inches tall and downy brome less than 1 inch. Spring treatments were applied April 17, with wheat being 3-4 inches and downy brome 1-2 inches. Treatments were applied with a ten foot boom (six XR11002 nozzles on 20 inch spacing), 13.5 gpa carrier volume and 22 psi nozzle pressure. Plots were rated visually for percent control on April 28 and June 3.

Treatment	Rate Prod/a	Timing	Downy Brome Percent Control	
			April 28	June 3
1. Untreated Check			0	0
2. Olympus Flex + NIS + UAN	3.5 oz + 0.5% + 2 qt	Fall	50	50
3. Olympus Flex + MSO	3.5 oz + 1.5 pt	Fall	47	50
4. Olympus + NIS	0.92 oz + 0.5%	Fall	80	73
5. Olympus + NIS	0.6 oz + 0.5%	Fall	90	82
Olympus + NIS	0.6 oz + 0.5%	Spring		
6. Olympus Flex + NIS + UAN	3.5 oz + 0.5% + 2 qt	Spring	47	40
7. Olympus Flex + MSO	3.5 oz + 1.5 pt	Spring	47	47
8. Maverick + NIS	0.67 oz + 0.5%	Fall	70	67
9. Maverick + NIS	0.67 oz + 0.5%	Spring	60	53
		LSD 5%	8.7	6.8