

**Roundup Ready 2 Corn Burndown with Clethodim - 2007**  
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Location: WCREC Dryland Farm, North Platte N41.04733 W100.74809

Procedure: Plots were laid out in randomized complete block design with three replications. Treatments were applied with a tractor mounted sprayer with a 15 foot boom (six XR11003 nozzles on 30 inch spacing) at 20 psi nozzle pressure, 10 gpa carrier volume and 4.2 mph. Corn hybrid DKC 52-59RR was planted May 14, 2007, no-till into corn stalks. The first set of treatments (Timing A) were applied June 15, with corn in 2-3 leaf stage. Temperature was 80 deg, sunny and south wind of 5-10 mph. The second set (Timing B) was applied June 23 with corn in 5-6 leaf stage, 75-80 deg F, sunny and 0-5 mph SE wind. Plots were rated visually for percent control on June 24 and July 14. Note the June 24 ratings for the late applied treatments (Timing B) were taken one day after treatment.

Treatment	Rate	Prod/a	Timing	Percent Corn Control	
				June 24	July 11
1. Select Max + NIS + AMS	4 oz		A	96	100
2. Select Max + NIS + AMS + Roundup Original Max	4 oz + 22 oz		A	99	100
3. Select Max + NIS + AMS + Degree Xtra	6 oz + 2 qt		A	88	99
4. Select Max + NIS +AMS	8 oz		A	100	100
5. Gramoxone Inteon + Sencor + COC	2 pt + 2 oz		A	99.7	100
6. Liberty + AMS	34 oz		A	97	100
7. Select Max + NIS + AMS	4 oz		B	0	70
8. Select Max + NIS + AMS + Roundup Original Max	4 oz + 22 oz		B	0	73
9. Select Max + NIS + AMS + Degree Xtra	6 oz + 2 qt		B	0	47
10. Select Max + NIS +AMS	8 oz		B	63	99.7
11. Gramoxone Inteon + Sencor + COC	2 pt + 2 oz		B	50	40
12. Liberty + AMS	34 oz		B	30	70
13. Untreated Check				0	0
NIS applied at 0.25% v:v; AMS at 17 lb/100 gal			Avg:	55.6	76.9
			LSD 5%	23.51	9.26