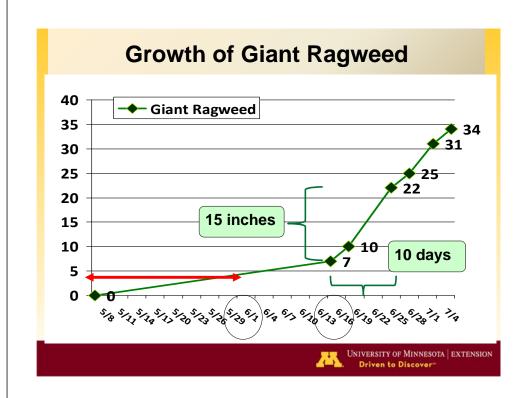
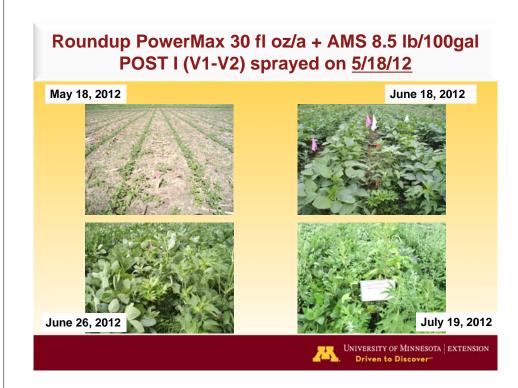
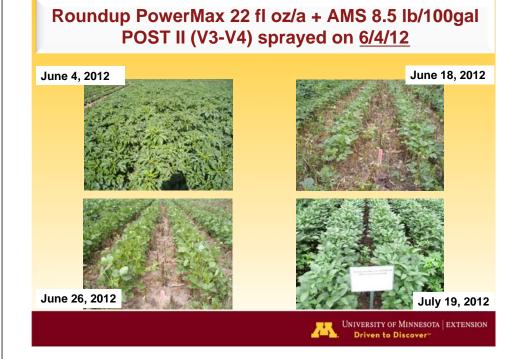
Is this Important? Time of Weed Removal

TAKE CONTROL













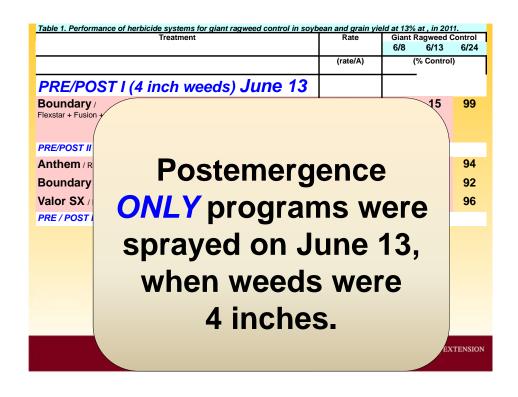
Treatment Tier 2/3 Options based on control of GIRW	Rate	Giant Ragweed Control		
no. 20 options bacca on control of circu	(rate/A)	6/8	6/13 (% Control	6/24)
PRE/POST I (4 inch weeds) June 13			-	
Boundary / Flexstar + Fusion + Harmony SG + MSO + 28% N	1.5 pt/a / 16 oz/a + 8 oz/a + 0.125 oz/a + 1% v/v + 2.5% v/v	34	15	99
PRE/POST II (6 inch weeds) June 16 (3 days			
Anthem / Roundup PowerMax + N-Pak	later	31	16	94
AMS Boundary / Touchdown Total + N-Pak AMS	than POST I	31	15	92
Valor SX / Roundup PowerMax + N-Pak AMS	(Tier 2/3)	55	30	96

Table 1. Performance of herbicide systems for giant ragweed control in soy				
Tier 2 Options based on control of GIRW	Rate	Giant F	Ragweed (6/13	Control 6/24
<u></u>	(rate/A)	(% Control)		
PRE/POST I (4 inch weeds) June 13				
Boundary /		34	15	99
Flexstar + Fusion + Harmony SG + MSO + 28% N PRE/POST II (6 inch weeds) June 16				
PRE / POST III (6 inch weeds) June 25	;			
Fierce / Roundup PowerMax + N-Pak	12	62	49	53
AMS				
Fierce + Classic / Roundup PowerMax	days	63	51	57
N-Pak AMS	later			
OpTill / Roundup PowerMax + + N-Pak	than	90	86	90
AMS (Tier 1)	POST I			
Sonic / DMA + N-Pak AMS		83	74	70
Enlite / Abundit S + N-Pak AMS	(Tier 2)	75	61	50
Enlite / Abundit S + Harmony SG + N-		71	57	49
Pak AMS	<u> </u>			
		200	- 1	

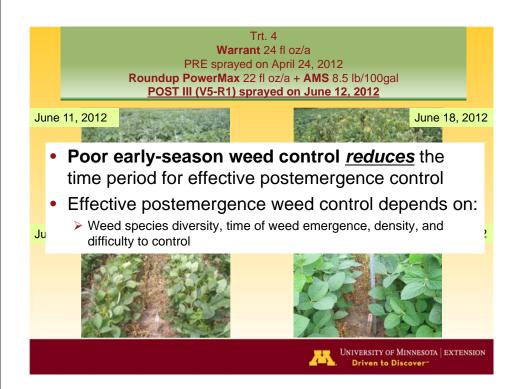
Trastment	Rate Giant Ragweed Control			Control	
Tier 1 Options based on control of GIRV	V		6/8	6/13	6/24
		(rate/A)		(% Control)	
PRE/POST I (4 inch weeds)					
June 13					
Boundary /	1.5		34	15	99
Flexstar + Fusion + Harmony SG + MSO + 28% N		16			
PRE / POST IV (4 inch weeds)		10			
June 29		lave			
Authority First / Roundup	U	lays	91	88	88
•	I 1	ater		00	00
PowerMax + N-Pak AMS	I.	alei			
Prefix / Touchdown Total + N-	4	han	93	90	86
Pak AMS	L	Hall			
Verdict + Outlook / Roundup	D	OST I	93	90	84
•		JOII		30	5 7
PowerMax + + N-Pak AMS					
Zidua + Verdict / Roundup		e. 4\	97	94	93
PowerMax + + N-Pak AMS	[]	Γier 1)			

University of Minnesota | extension

Driven to Discover







Herbicide Resistant Weeds

So, what will you do if and when glyphosate fails?

In 2013, we conducted a field trial on a known glyphosate and ALS resistant GIRW site.

Glyphosate systems provided only 20-35% control

PRE programs with ALS

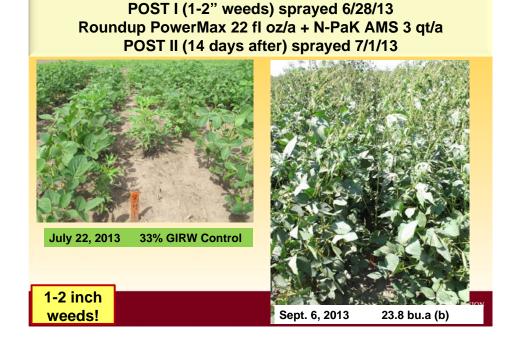
9 & 2

herbicides provided only 36% control.









Roundup PowerMax 44 fl oz/a + N-PaK AMS 3 qt/a

