MSU Weed Science Research Program Best management practices for Warrant in Roundup Ready sugarbeet

Trial ID:SB02-13Study Dir.: Sprague, PowellConducted:SVRECInvestigator: Christy Sprague
Date Planted:May/02/2013Row Spacing:30INVariety:HM-173RRNo. of Reps:4Population:4 3/8" spacing% OM:3.2Soil Type:Clay loamPH:8.0Plot Size:10X 30FTDesign:
Tillage: Previous crop wheat. Fall moldboard plow, spring field cultivate and soil finish
Crop and Weed Description Weed Code Common Name Scientific Name 1. CHEAL LAMBSQUARTERS, COMMON CHENOPODIUM ALBUM L. 2. AMARE PIGWEED, REDROOT AMARANTHUS RETROFLEXUS L. Crop Code Common Name 1. BETVU BEET, SUGAR
Application Description
A B C Application Timing: PRE 2-leaf 6-leaf Date Treated: May/02/2013 Jun/03/2013 Jun/26/2013 Time Treated: 6:00 PM 11:00 AM 11:00 AM % Cloud Cover: 20 10 50 Air Temp., Unit: 80 F 55 F 78 F % Relative Humidity: 45 20 41 Wind Speed/Unit/Dir: 7 mph SE 4 mph NW 2 mph SW Soil Temp., Unit: 66 F 61 F 80 F Soil/Leaf Surface M: 3 - 4 3 Soil Moist (1=w 5=d): 3 4 3
Crop_Stage_at Each Application
A B C Crop Name: BETVU BETVU BETVU Height (In.): - 1.5" 6-8" Stage (L): - 2 6-10
Weed Stage at Each Application
ABCWeed 1 Name:CHEAL CHEAL CHEAL CHEALHeight (In.):-Stage (L):-810-manyWeed 2 Name:AMARE AMAREHeight (In.):-1"-Stage (L):-4-
Weed Density (plants/sq. ft.) 1 2 Weed Name: CHEAL AMARE Density: 4 <1
Application EquipmentAppl Sprayer Speed Nozzle Nozzle Nozzle Nozzle BoomTypeMPHTypeSizeHeight Spacing Width GPA Carrier PSIACub3.8AirMix 1100322"20"100"19 water28BCub3.8AirMix 1100324"20"100"19 water28CCub3.8AirMix 1100324"20"100"19 water28

Comments: Application 'D' was an as needed treatment and was not applied due to good weed control from the initial herbicide applications.

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	al ID: SB02-13 nducted: SVREC				gue, Powel hristy Spra						
Crc Rat Rat Rat Trt-	ed Code p Code ing Data Type ing Unit ing Date Eval Interval ubsamples, Dec.							CHEAL control percent Jun/03/2013 0 DA-B 0	AMARE control percent Jun/03/2013 0 DA-B 0	BETVU injury percent Jun/13/2013 10 DA-B 0	CHEAL control percent Jun/13/2013 10 DA-B 0
Trt	Treatment Name		Form Type		Rate Unit	Grow Stg	Appl Code				
1	Roundup PowerMax AMS Roundup PowerMax AMS	4.5 4.5	SL WG SL WG	17	fl oz/a lb/100 gal fl oz/a lb/100 gal	2-leaf 6-leaf	B B C C			0	99
2	Roundup PowerMax (ASN) AMS (ASN) Roundup PowerMax Warrant	4.5 4.5 3	SL WG SL CS	22 17 32 3	fl oz/a lb/100 gal fl oz/a pt/a	canopy canopy 2-leaf 2-leaf	D D B B			2	99
	AMS Roundup PowerMax AMS Roundup PowerMax (ASN) AMS (ASN)	4.5 4.5	WG SL WG SL WG	17 22 17 22 17	lb/100 gal fl oz/a lb/100 gal fl oz/a lb/100 gal	6-leaf 6-leaf canopy					
3	Roundup PowerMax Outlook AMS Roundup PowerMax	4.5 6 4.5	SL L WG SL	32 16 17	fl oz/a fl oz/a lb/100 gal fl oz/a	2-leaf 2-leaf 2-leaf				3	99
4	AMS Roundup PowerMax (ASN) AMS (ASN) Roundup PowerMax	4.5	WG SL WG SL	17 22 17 32	lb/100 gal fl oz/a lb/100 gal fl oz/a	canopy canopy 2-leaf	D B			1	99
	Dual II Magnum AMS Roundup PowerMax AMS Roundup PowerMax (ASN)	7.64 4.5	L WG SL WG SL	17	pt/a lb/100 gal fl oz/a lb/100 gal fl oz/a	2-leaf 6-leaf 6-leaf					
5	Roundup PowerMax (ASN) AMS (ASN) Roundup PowerMax AMS Roundup PowerMax	4.5 4.5 4.5	SL SL WG SL	17	lb/100 gal fl oz/a lb/100 gal	2-leaf	D B B			0	99
	Warrant AMS Roundup PowerMax (ASN) AMS (ASN)	3	CS	3 17	pt/a lb/100 gal	6-leaf 6-leaf canopy	C C D				
6	Roundup PowerMax AMS Roundup PowerMax Outlook	4.5 4.5 6	SL WG SL L	32 17 22	fl oz/a lb/100 gal	2-leaf 2-leaf	B B C			2	99
7	AMS Roundup PowerMax (ASN) AMS (ASN)	4.5	WG SL WG	17 22 17	lb/100 gal fl oz/a lb/100 gal	6-leaf canopy canopy	C D D			0	00
7	Roundup PowerMax AMS Roundup PowerMax Dual II Magnum	4.5 4.5 7.64		17 22 1.33	pt/a	6-leaf 6-leaf	B C C			0	99
	AMS Roundup PowerMax (ASN) AMS (ASN)	4.5	WG SL WG		lb/100 gal fl oz/a lb/100 gal	canopy	D				

	ed Code							CHEAL	AMARE		CHEAL
	p Code							oontrol	aantral	BETVU	oontrol
	ing Data Type ing Unit							control percent	control percent	injury percent	control percent
	ing Date							•		Jun/13/2013	•
	Eval Interval								0 DA-B	10 DA-B	10 DA-B
	ubsamples, Dec.							0	0	0	0
-	Treatment	Form	Form		Rate	Grow	Appl	•	0	0	•
	Name		Туре			Stg	Code				
8	Nortron	4	L	3	pt/a	PRE	A	50	99	14	99
•	Roundup PowerMax		SL	32	fl oz/a		В				
	Warrant	3	CS	3	pt/a	2-leaf	В				
	AMS		WG	17	lb/100 gal	2-leaf	В				
	Roundup PowerMax	4.5	SL	22	fl oz/a		С				
	AMS		WG	17	lb/100 gal	6-leaf	С				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy	D				
	AMS (ASN)		WG	17	lb/100 gal	canopy	D				
9	Nortron	4	L	3	pt/a	PRE	А	53	99	3	99
	Roundup PowerMax	4.5	SL	32	fl oz/a		В				
	AMS		WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22			С				
	Warrant	3	CS	3	pt/a		С				
	AMS		WG	17	lb/100 gal		С				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal						
10	Roundup PowerMax	4.5	SL	32	fl oz/a		В			11	99
	UpBeet	50	WG	0.5	oz/a		В				
	Stinger	3	L	4			В				
	AMS	4 5	WG	17	lb/100 gal		B				
	Roundup PowerMax Warrant	4.5 3	SL CS	22 3			C C				
	AMS	3	WG	3 17	pt/a lb/100 gal		c				
	Roundup PowerMax (ASN)	15	SL	22	fl oz/a	canopy					
	AMS (ASN)	4.5	WG	17	lb/100 gal						
11		4.5	SL	32	fl oz/a		В			3	99
	Warrant	3	CS	3	pt/a		В			0	
	AMS	0	WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22	fl oz/a		C				
	UpBeet	50	WG	0.5	oz/a	6-leaf	C				
	Stinger	3	L	4			С				
	AMŠ		WG	17	lb/100 gal		С				
	Roundup PowerMax (ASN)		SL	22	fl oz/a	canopy	D				
	AMS (ASN)			17	lb/100 gal	canopy	D				
12	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf	В			15	99
	Betamix	1.3	L	2	pt/a		В				
	AMS		WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22	fl oz/a		С				
	AMS			17	lb/100 gal		Ç				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal	canopy	ט				
	D (P=.05)							32.8	0.0	7.3	0.6
CV								28.44	0.0	116.64	0.39

	ed Code							AMARE		CHEAL	AMARE
	p Code ing Data Type							control	BETVU injury	control	control
	ing Unit							percent	percent	percent	percent
	ing Date								Jun/26/2013	•	•
	Eval Interval							10 DA-B	23 DA-B	23 DA-B	23 DA-B
	ubsamples, Dec.	_			<u> </u>			0	0	0	0
	Treatment Name		Form		Rate		Appl Code				
INO.	Name	Conc	Туре	Rale	Unit	Stg	Code				
1	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf	в	99	0	99	99
	AMS		WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22	fl oz/a		C				
	AMS Roundup PowerMax (ASN)	15	WG SL	17 22	lb/100 gal fl oz/a	canopy					
	AMS (ASN)	ч.0	WG	17	lb/100 gal						
2	Roundup PowerMax	4.5	SL	32	fl oz/a		В	99	3	99	99
	Warrant	3	CS	3	pt/a		В				
	AMS	4 5	WG	17	lb/100 gal		B				
	Roundup PowerMax AMS	4.5	SL WG	22 17	fl oz/a lb/100 gal		C				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
	AMS (ASN)	-	WG	17	lb/100 gal						
3	Roundup PowerMax	4.5	SL	32	fl oz/a		В	99	1	99	99
	Outlook	6	L	16	fl oz/a		B				
	AMS Roundup PowerMax	4.5	WG SL	17 22	lb/100 gal fl oz/a	2-lear 6-leaf	B				
	AMS	ч.5	WG	17	lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal				_		
4	Roundup PowerMax	4.5	SL	32	fl oz/a		В	99	0	99	99
	Dual II Magnum AMS	7.64	L WG	1.33 17	lb/100 gal		B B				
	Roundup PowerMax	4.5	SL	22	fl oz/a		č				
	AMS		WG	17	lb/100 gal	6-leaf					
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
F	AMS (ASN)	4 5		17	lb/100 gal			00	2	00	00
5	Roundup PowerMax AMS	4.5	SL WG	32 17	fl oz/a lb/100 gal	2-leaf 2-leaf	в В	99	2	99	99
	Roundup PowerMax	4.5	SL	22	fl oz/a		C				
	Warrant	3	CS	3	pt/a		С				
	AMS	4 -		17	lb/100 gal						
	Roundup PowerMax (ASN) AMS (ASN)	4.5	SL WG	22 17	fl oz/a lb/100 gal	canopy	D				
6	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf		99	3	99	99
5	AMS			17	lb/100 gal				-		
	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	С				
	Outlook	6	L	16	fl oz/a	6-leaf					
	AMS Roundup PowerMax (ASN)	15	WG SL	17 22	lb/100 gal fl oz/a	6-leaf canopy					
	AMS (ASN)	+ .J	WG	22 17	lb/100 gal						
7	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf	В	99	0	99	99
	AMS		WG	17	lb/100 gal	2-leaf	В				
	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf					
	Dual II Magnum AMS	7.64		1.33 17	pt/a lb/100 gal	6-leaf 6-leaf					
	Roundup PowerMax (ASN)	4.5	SL	22		canopy					
	AMS (ASN)	-		17	lb/100 gal						
					-	· •					

	ed Code							AMARE		CHEAL	AMARE
	p Code								BETVU		
	ing Data Type							control	injury	control	control
	ing Unit							percent	percent	percent	percent
	ing Date										Jun/26/2013
	Eval Interval							10 DA-B	23 DA-B	23 DA-B	23 DA-B
-	ubsamples, Dec.	_	_		D /	~	A 1	0	0	0	0
	Treatment		Form		Rate	Grow	Appl				
	Name		Туре			Stg	Code			~~	2 2
8	Nortron	4	L	3	pt/a	PRE	A	99	14	99	99
	Roundup PowerMax	4.5	SL		fl oz/a	2-leaf	В				
	Warrant	3	CS	3	pt/a	2-leaf	В				
	AMS	4.5	WG SL	17 22	lb/100 gal		B C				
	Roundup PowerMax AMS	4.5	WG	22 17	fl oz/a lb/100 gal		c				
	Roundup PowerMax (ASN)	4 5	SL	22	fl oz/a	canopy					
	AMS (ASN)	4.5	WG	17	lb/100 gal						
9	Nortron	4	L	3	pt/a	PRE	A	99	3	99	99
3	Roundup PowerMax	- 4.5	SL	32	fl oz/a	2-leaf	В	33	5	55	33
	AMS	1.0	WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22			Č				
	Warrant	3	ĊS	3	pt/a		Č				
	AMS	•	WG	17	lb/100 gal		Č				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal						
10	Roundup PowerMax	4.5	SL	32	fl oz/a		В	99	8	99	99
	UpBeet	50	WG	0.5	oz/a	2-leaf	В				
	Stinger	3	L	4	fl oz/a	2-leaf	В				
	AMS		WG	17	lb/100 gal	2-leaf	В				
	Roundup PowerMax	4.5	SL	22	fl oz/a		С				
	Warrant	3	CS	3	pt/a		С				
	AMS		WG	17	lb/100 gal		С				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal						
11	•	4.5	SL		fl oz/a		В	99	4	99	99
	Warrant	3	CS	3	pt/a	2-leaf	В				
	AMS	4 5	WG	17	lb/100 gal		B				
	Roundup PowerMax UpBeet	4.5 50	SL WG	22 0.5	fl oz/a oz/a		C C				
	Stinger	3	L	0.5 4	fl oz/a		c				
	AMS	5		4 17	lb/100 gal		č				
	Roundup PowerMax (ASN)	45	SL		fl oz/a	canopy					
	AMS (ASN)	1.0	WG		lb/100 gal						
12	Roundup PowerMax	4.5	SL	32		2-leaf		99	13	99	99
•	Betamix	1.3	L	2	pt/a		В				
	AMS	-	ŴG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf					
	AMS			17	lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL	22		canopy					
	AMS (ASN)		WG	17	lb/100 gal	canopy	D				
LSI	D (P=.05)							0.0	8.3	0.7	0.0
CV								0.0	142.75	0.5	0.0

Crop Rati Rati Rati Trt-E # Su	ed Code o Code ng Data Type ng Unit ng Date Eval Interval Jbsamples, Dec.							BETVU injury percent Jul/03/2013 7 DA-C 0	CHEAL control percent Jul/03/2013 7 DA-C 0	AMARE control percent Jul/03/2013 7 DA-C 0	BETVU injury percent Jul/17/2013 21 DA-C 0
			Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
	AMS		SL	32 17 22 17	fl oz/a lb/100 gal fl oz/a lb/100 gal	2-leaf 6-leaf	B B C C	0	99	99	0
2	Warrant	4.5 4.5 3	SL CS	22 17 32 3	fl oz/a lb/100 gal fl oz/a pt/a	2-leaf 2-leaf	D B B	0	99	99	0
	AMS Roundup PowerMax AMS Roundup PowerMax (ASN)	4.5 4.5	SL WG SL	17 22 17 22	lb/100 gal fl oz/a lb/100 gal fl oz/a	6-leaf 6-leaf canopy	D				
3	-	4.5 6	SL L	17 32 16 17	lb/100 gal fl oz/a fl oz/a lb/100 gal	2-leaf 2-leaf		0	99	99	0
	Roundup PowerMax AMS Roundup PowerMax (ASN) AMS (ASN)		SL	22 17 22 17	fl oz/a lb/100 gal fl oz/a lb/100 gal	canopy	C D				
4	Roundup PowerMax Dual II Magnum AMS	7.64	SL L	32 1.33 17 22	fl oz/a	2-leaf 2-leaf 2-leaf		0	99	99	0
	AMS Roundup PowerMax (ASN) AMS (ASN)	4.5	WG SL WG	17 22 17	lb/100 gal fl oz/a lb/100 gal	6-leaf canopy canopy	C D D				
	AMS Roundup PowerMax	4.5 4.5 3	SL WG SL CS	32 17 22 3	fl oz/a lb/100 gal fl oz/a pt/a	2-leaf 2-leaf 6-leaf 6-leaf	B C	1	99	99	0
	AMS Roundup PowerMax (ASN) AMS (ASN)	4.5	WG SL WG	17 22 17	lb/100 gal fl oz/a lb/100 gal	6-leaf canopy canopy	C D D				
	AMS	4.5 4.5 6	SL	32 17 22 16	fl oz/a lb/100 gal fl oz/a fl oz/a	2-leaf 2-leaf 6-leaf 6-leaf	B C	1	99	99	0
	AMS Roundup PowerMax (ASN) AMS (ASN)		SL	17 22 17	lb/100 gal fl oz/a lb/100 gal	6-leaf canopy	C D				
7	Roundup PowerMax AMS Roundup PowerMax	4.5	SL WG SL	32 17 22	fl oz/a lb/100 gal fl oz/a	2-leaf 2-leaf 6-leaf	B B C	3	99	99	0
	Dual II Magnum AMS Roundup PowerMax (ASN) AMS (ASN)	7.64 4.5		1.33 17 22 17	pt/a lb/100 gal fl oz/a lb/100 gal	canopy	C D				

Crop	ed Code p Code							BETVU	CHEAL	AMARE	BETVU
	ing Data Type							injury	control	control	injury noreant
	ing Unit ing Date							percent	percent	percent Jul/03/2013	percent
	Eval Interval							7 DA-C	7 DA-C	7 DA-C	21 DA-C
	ubsamples, Dec.							0	0	0	0
-		Form	Form		Rate	Grow	Appl	0	0	0	<u> </u>
			Туре			Stg	Code				
	Nortron		L	3	pt/a	PRE	A	5	99	99	0
	Roundup PowerMax	4.5	SL		fl oz/a	2-leaf	В				
				3	pt/a	2-leaf	В				
	AMS				lb/100 gal		В				
	1		SL		fl oz/a		С				
	AMS				lb/100 gal		С				
	Roundup PowerMax (ASN)				fl oz/a	canopy					
	AMS (ASN)				lb/100 gal			_			_
	Nortron	4	L	3	pt/a	PRE	A	3	99	99	0
	•				fl oz/a	2-leaf	В				
	AMS				lb/100 gal		B				
			SL CS	22 3	fl oz/a	6-leaf 6-leaf	C C				
	AMS				pt/a lb/100 gal		C				
	Roundup PowerMax (ASN)		SL		fl oz/a	canopy	-				
	AMS (ASN)				lb/100 gal						
					fl oz/a		В	4	99	99	0
	•				oz/a		В	•	00	00	0
	•	3	L		fl oz/a	2-leaf	В				
	AMS				lb/100 gal		В				
		4.5	SL		fl oz/a	6-leaf	С				
	Warrant			3	pt/a		С				
	AMS				lb/100 gal		С				
	Roundup PowerMax (ASN)		SL		fl oz/a	canopy					
	AMS (ASN)				lb/100 gal						
			SL		fl oz/a		В	0	99	99	7
				3	pt/a	2-leaf	В				
	AMS				lb/100 gal		B				
			SL WG		fl oz/a oz/a	6-leaf	C C				
			L		oz/a fl oz/a		c				
	Stinger AMS	-			lb/100 gal		C				
	Roundup PowerMax (ASN)		SL	22	fl oz/a	canopy					
	AMS (ASN)			17	lb/100 gal						
					fl oz/a		В	3	99	99	0
			L	2	pt/a			0	00	00	0
	AMS			17	lb/100 gal						
					fl oz/a	6-leaf					
	AMS				lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL		fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal	canopy	D				
LSC	D (P=.05)							5.0	0.6	0.0	0.0
CV								218.05	0.42	0.0	0.0

	ed Code							CHEAL	AMARE		CHEAL
	ip Code ing Data Type							control	control	BETVU injury	control
	ing Unit							percent	percent	percent	percent
Rat	ing Date								Jul/17/2013	Sep/21/2013	Sep/21/2013
	Eval Interval							21 DA-C	21 DA-C	87 DA-C	87 DA-C
	ubsamples, Dec. Treatment	Form	Form		Rate	Grow	Appl	0	0	0	0
	Name		Туре			Stg	Code				
						5					
1	Roundup PowerMax	4.5	SL		fl oz/a		В	99	99	0	99
	AMS Roundup PowerMax	4.5	WG SL	17 22	lb/100 gal fl oz/a	2-leaf 6-leaf	B				
	AMS	4.5		17	lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL		fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal						
2	Roundup PowerMax	4.5	SL		fl oz/a		В	99	99	0	99
	Warrant AMS	3	CS WG	3 17	pt/a lb/100 gal		B B				
	Roundup PowerMax	4.5	SL		fl oz/a	6-leaf					
	AMS			17	lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy	D				
•	AMS (ASN)	4.5	WG	17	lb/100 gal				~~	•	22
3	Roundup PowerMax Outlook	4.5 6	SL L		fl oz/a fl oz/a	2-leaf 2-leaf	в В	99	99	0	99
	AMS	0	WG	17	lb/100 gal		B				
	Roundup PowerMax	4.5	SL		fl oz/a	6-leaf					
	AMS		WG	17	lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
4	AMS (ASN) Roundup PowerMax	4.5	WG SL	17 32	lb/100 gal fl oz/a	canopy 2-leaf		99	99	0	99
4	Dual II Magnum	7.64		1.33			В	33	33	0	33
	AMS		WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL		fl oz/a	6-leaf					
	AMS	4 5	WG	17	lb/100 gal						
	Roundup PowerMax (ASN) AMS (ASN)	4.5	SL WG	22 17	fl oz/a lb/100 gal	canopy					
5	Roundup PowerMax	4.5	SL		fl oz/a	2-leaf		99	99	0	99
	AMS		WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22	fl oz/a		C				
	Warrant AMS	3	CS WG	3 17	pt/a		C				
	Roundup PowerMax (ASN)	4.5	SL		lb/100 gal fl oz/a						
	AMS (ASN)		WG		lb/100 gal						
6	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf	В	99	99	0	99
	AMS	4 5			lb/100 gal						
	Roundup PowerMax Outlook	4.5 6	SL L		fl oz/a fl oz/a	6-leaf 6-leaf					
	AMS	5		17	lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL		fl oz/a	canopy	D				
_	AMS (ASN)			17	lb/100 gal			~~	~~	•	20
7	Roundup PowerMax AMS	4.5	SL WG	32 17	fl oz/a	2-leaf		99	99	0	99
	Roundup PowerMax	4.5	SL		lb/100 gal fl oz/a	2-lear 6-leaf					
	Dual II Magnum	7.64		1.33		6-leaf					
	AMS		WG	17	lb/100 gal	6-leaf	С				
	Roundup PowerMax (ASN)	4.5	SL			canopy					
	AMS (ASN)		WG	17	lb/100 gal	canopy	U				

		ed Code							CHEAL	AMARE		CHEAL
		p Code ng Data Type							control	control	BETVU	aantral
		ng Unit							control percent	control percent	injury percent	control percent
		ng Date									Sep/21/2013	•
		Eval Interval							21 DA-C	21 DA-C	87 DA-C	87 DA-C
		ubsamples, Dec.							0	0	0	0
		Treatment	Form	Form		Rate	Grow	Appl	-	-	-	
		Name		Туре	Rate			Code				
8		Nortron	4	Ĺ	3	pt/a	PŘE	А	99	99	0	99
		Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf	В				
		Warrant	3	CS	3		2-leaf	В				
		AMS		WG	17	lb/100 gal		В				
		1		SL				С				
		AMS		WG	17	lb/100 gal		С				
		Roundup PowerMax (ASN)		SL	22		canopy					
~		AMS (ASN)		WG	17	lb/100 gal				~~		
9		Nortron	4	L	3	pt/a	PRE	A	99	99	0	99
		Roundup PowerMax		SL	32	fl oz/a	2-leaf	В				
		AMS Deursdun DeurstMax		WG	17	lb/100 gal		B C				
		Roundup PowerMax Warrant	4.5 3	SL CS	22 3			C				
		AMS	-	WG	17	lb/100 gal		c				
		Roundup PowerMax (ASN)		SL	22		canopy					
		AMS (ASN)			17	lb/100 gal						
1	0	Roundup PowerMax		SL			2-leaf	В	99	99	0	99
-		UpBeet			0.5	oz/a	2-leaf	В			-	
		Stinger	3	L	4		2-leaf	В				
		AMŠ		WG	17	lb/100 gal	2-leaf	В				
		Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	С				
		Warrant	3	CS	3			С				
		AMS		WG	17	lb/100 gal		С				
		Roundup PowerMax (ASN)		SL	22		canopy					
		AMS (ASN)			17	lb/100 gal				~~		
1		Roundup PowerMax		SL	32	fl oz/a		В	99	99	0	99
		Warrant	3	CS	3	pt/a	2-leaf	В				
		AMS		WG SL	17 22	lb/100 gal fl oz/a		B C				
		Roundup PowerMax UpBeet		WG	22 0.5		6-leaf	C				
		Stinger	3	L	4			č				
		AMS	-		17	lb/100 gal		č				
		Roundup PowerMax (ASN)		SL	22		canopy					
		AMS (ASN)			17	lb/100 gal						
1		Roundup PowerMax		SL	32		2-leaf		99	99	0	99
		Betamix		L	2	pt/a		В				
		AMS		WG	17	lb/100 gal	2-leaf	В				
		Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	С				
		AMS			17	lb/100 gal		С				
		Roundup PowerMax (ASN)		SL	22		canopy					
		AMS (ASN)		WG	17	lb/100 gal	canopy	D				
		0 (P=.05)							0.0	0.0	0.0	0.4
C	V								0.0	0.0	0.0	0.29

1 Roundup PowerMax 4.5 SL 32 fl oz/a 2-leaf B 99 186 19.3 20.5 AMS Roundup PowerMax 4.5 SL 21 fl oz/a 2-leaf B Roundup PowerMax (ASV)	Cro Rat Rat Rat Trt- # Si Trt	ed Code p Code ing Data Type ing Unit ing Date Eval Interval ubsamples, Dec. Treatment Name		Form Type	Rate	Rate Unit	Grow Stg	Appl Code	87 DA-C 0	BETVU stand count 100' row Sep/24/2013 145 DA-A 0	-	BETVU yield ton/acre Sep/25/2013 146 DA-A 1
Roundup PowerMax 4.5 SL 22 If oz/a 6-leaf C AMS AMS SL 22 If oz/a canopy D canopy D 2 Roundup PowerMax 4.5 SL 32 If oz/a 2-leaf B 99 202 19.6 21.0 2 Roundup PowerMax 4.5 SL 22 If oz/a 2-leaf B 99 202 19.6 21.0 Warrant 3 CS 3 pt/a 2-leaf B 99 202 19.6 21.0 AMS WG 17 lb/100 gal 2-leaf C A A S SL 22 If oz/a 2-leaf B 99 217 19.7 21.4 Outlook 6 L 16 10/2/a 2-leaf B 99 216 19.8 20.5 AMS ASN VG 17 Ib/100 gal 2-leaf B 99 216	1	Roundup PowerMax	4.5		32			В	99	186	19.3	20.5
AMS ' WG 17 Ib/100 gal 6-last C Roundup PowerMax (ASN) 4.5 SL 2 10/100 gal canopy D 2 Roundup PowerMax (ASN) 4.5 SL 3 10/100 gal 2-leaf B 99 202 19.6 21.0 Warrant 3 CS 3 p/da 2-leaf B 99 202 19.6 21.0 AMS - SL 10/100 gal 2-leaf B 99 217 19.7 21.4 AMS (ASN) - SL 16.27 2-leaf B 99 217 19.7 21.4 Outlook 6 L 16 10/20 gal 2-leaf B 99 216 19.8 20.5 AMS Outlook 6 L 16.27 10/20 gal 2-leaf B 99 216 19.8 20.5 AMS (ASN) - SL 2 10/24		-	45									
AMS (ÅSN) WG 17 h/100 gal canopy D 2 Roundup PowerMax 4.5 SL 22 fl/a 2-leaf B 99 202 19.6 21.0 AMS WG 17 b/100 gal 2-leaf B 99 202 19.6 21.0 AMS WG 17 b/100 gal 2-leaf B P 202 19.6 21.0 AMS WG 17 b/100 gal 2-leaf B P 202 19.6 21.0 AMS (ASN) WG 17 b/100 gal 2-leaf B P 217 19.7 21.4 Outlook 6 L 16 floz/a 2-leaf B P 217 19.7 21.4 AMS WG 17 b/100 gal 2-leaf B P 216 19.8 20.5 AMS (ASN) WG 17 b/100 gal 2-leaf B 99 216 19.8 20.5 Dual II Magnum 7.64 L 1.33 p/a 2-leaf B 99 194 19.9 21.3 </td <td></td> <td></td> <td>4.5</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>			4 .5					-				
2 Roundup PowerMax 4.5 SL 32 fi oz/a 2-leaf B 99 202 19.6 21.0 Mars WG 17 b/100 gal 2-leaf B B 99 202 19.6 21.0 AMS WG 17 b/100 gal 6-leaf C A S S 1 A A A A S S 2 fi oz/a 2-leaf B 99 217 19.7 21.4 Outlook 6 L 16 fi oz/a 2-leaf B 99 216 19.8 20.5 AMS WG 17 10/100 gal canopy D A A 2.5 S 22 fi oz/a canopy D A A A 2.5 S 2.6			4.5									
Warrant 3 CS 3 pv/a 2-leaf B AMS WG 17 Ib/100 gal 2-leaf B Roundup PowerMax 4.5 SL 22 foz/a 6-leaf C AMS WG 17 Ib/100 gal 2-leaf B 9 217 19.7 21.4 AMS (ASN) WG 17 Ib/100 gal 2-leaf B 9 217 19.7 21.4 Outlook 6 L 16 foz/a 2-leaf B 9 217 19.7 21.4 AMS MG 17 Ib/100 gal 2-leaf B 9 216 19.8 20.5 AMS MG 17 Ib/100 gal 2-leaf B 99 216 19.8 20.5 AMS MG 17 Ib/100 gal 2-leaf B 99 216 19.8 20.5 AMS MG 17 Ib/100 gal 2-leaf B 99 194 19.9 21.3	2		4 5						00	202	10.6	21.0
AMS WG 17 İb/100 gal 2-leaf B Roundup PowerMax 4.5 SL 22 fi oz/a 6-leaf C AMS WG 17 İb/100 gal 6-leaf C C AMS (ASN) WG 17 İb/100 gal canopy D 3 Roundup PowerMax 4.5 SL 32 fi oz/a 2-leaf B 99 217 19.7 21.4 Outlook 6 L 16 fi oz/a 2-leaf B A A S S 22 fi oz/a 2-leaf B A A S	2								99	202	19.0	21.0
Roundup PowerMax 4.5 SL 22 floz/a 6-leaf C AMS MS WG 17 Ib/100 gal 6-leaf C Roundup PowerMax (ASN) SL 22 floz/a c-leaf B 9 217 19.7 21.4 AMS (ASN) WG 17 Ib/100 gal c-leaf B 9 217 19.7 21.4 Outlook 6 L 16 floz/a 2-leaf B 9 217 19.7 21.4 Outlook 6 L 16 floz/a 2-leaf B 7 19.7 21.4 AMS WG 17 Ib/100 gal c-leaf C Roundup PowerMax (ASN) SL 32 floz/a 2-leaf B 99 216 19.8 20.5 Dual II Magnum 7.64 L 1.33 pt/a 2-leaf B 99 194 19.9 21.3 AMS WG 17 Ib/100 gal c-leaf C Rou			5									
Roundup PowerMax (ASN) SL 22 floz/a canopy D 3 Roundup PowerMax 4.5 SL 32 floz/a 2-leaf B 99 217 19.7 21.4 Outlook 6 L 16 floz/a 2-leaf B 99 217 19.7 21.4 Outlook 6 L 16 floz/a 2-leaf B 99 217 19.7 21.4 AMS WG 17 Ib/100 gal cleaf C Ams Ams Ams Ams Ams Ams Canopy D Ams Ams Ams Canopy D Ams Ams Ams Canopy D Ams Canopy D Ams Canopy D Ams Canopy D Ca			4.5									
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3 Roundup PowerMax 4.5 SL 32 floz/a 2-leaf B 99 217 19.7 21.4 Outlook 6 L 16 floz/a 2-leaf B B AMS WG 17 Ib/100 gal 2-leaf B B B B Roundup PowerMax (AS) SL SL 22 floz/a 6-leaf C AMS MS WG 17 Ib/100 gal 2-leaf B 99 216 19.8 20.5 AMS (ASN) WG 17 Ib/100 gal 2-leaf B 99 216 19.8 20.5 Dual II Magnum 7.64 L 1.33 pt/a 2-leaf B 99 16 19.8 20.5 AMS WG 17 Ib/100 gal 2-leaf B 99 194 19.9 21.3 AMS WG 17 Ib/100 gal 2-leaf B 99 194 19.9 21.3 AMS WG 17 Ib/100 gal 2-leaf B 99 194 19.9			4.5									
Outlook 6 L 16 fl oz/a 2-leaf B AMS WG 17 lb/100 gal 2-leaf B Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C AMS WG 17 lb/100 gal canopy D AMS (ASN) WG 17 lb/100 gal canopy D AMS (ASN) WG 17 lb/100 gal canopy D AMS (ASN) WG 17 lb/100 gal canopy D AMS Koundup PowerMax 4.5 SL 22 fl oz/a c-leaf B Poual II Magnum 7.64 L 1.33 pt/a c-leaf C AMS Roundup PowerMax (ASN) WG 17 lb/100 gal canopy D AMS AMS SI 32 fl oz/a canopy D AMS KSN WG 17 lb/100 gal canopy D AMS AMS SI 32 fl oz/a c-leaf C AMS	2		4.5						00	217	10.7	21 /
AMS WG 17 Ib/100 gal 2-leaf B Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C AMS WG 17 Ib/100 gal 6-leaf C AMS (ASN) 4.5 SL 22 fl oz/a canopy D 4 Roundup PowerMax (ASN) 4.5 SL 32 fl oz/a 2-leaf B 99 216 19.8 20.5 Jual II Magnum 7.64 L 1.33 pt/a 2-leaf B 99 216 19.8 20.5 AMS WG 17 Ib/100 gal 2-leaf B 99 216 19.8 20.5 AMS WG 17 Ib/100 gal 2-leaf B Poundup PowerMax 4.5 SL 22 fl oz/a canopy D AMS (ASN) WG 17 Ib/100 gal 2-leaf B 99 194 19.9 21.3 AMS VG 17 Ib/100 gal canopy D AMS AMS VG 17 Ib/100 gal canopy D AMS <td< td=""><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>99</td><td>217</td><td>19.7</td><td>21.4</td></td<>	3								99	217	19.7	21.4
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AMS (ASN) WG 17 Ib/100 gal canopy D 4 Roundup PowerMax 4.5 SL 32 fl oz/a 2-leaf B 99 216 19.8 20.5 Dual II Magnum 7.64 L 1.33 pt/a 2-leaf B 99 216 19.8 20.5 AMS WG 17 Ib/100 gal 2-leaf B 8 <td< td=""><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		-										
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AMS WG 17 ib/100 gal 2-leaf B Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C Roundup PowerMax (ASN) 4.5 SL 22 fl oz/a canopy D AMS WG 17 Ib/100 gal canopy D AMS (ASN) WG 17 Ib/100 gal canopy D 5 Roundup PowerMax 4.5 SL 22 fl oz/a 2-leaf B 7 Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C 8 Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C 8 Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C 9 AMS WG 17 Ib/100 gal canopy D AMS AMS VG 17 Ib/100 gal canopy D 6 Roundup PowerMax 4.5 SL 22 fl oz/a canopy D AMS AMS VG 17 Ib/100 gal canopy D AMS S L 22 fl oz/a 6-leaf C	7								00	210	10.0	20.0
AMS WG 17 Ib/100 gal 6-leaf C Roundup PowerMax (ASN) 4.5 SL 22 fl oz/a canopy D 5 Roundup PowerMax 4.5 SL 32 fl oz/a 2-leaf B 99 194 19.9 21.3 5 Roundup PowerMax 4.5 SL 32 fl oz/a 2-leaf B 99 194 19.9 21.3 5 Roundup PowerMax 4.5 SL 22 fl oz/a 2-leaf B 99 194 19.9 21.3 6 Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C AMS WG 17 Ib/100 gal 6-leaf C AMS AMS WG 17 Ib/100 gal canopy D AMS 6 Roundup PowerMax 4.5 SL 32 fl oz/a 2-leaf B 99 193 20.2 19.9 AMS WG 17 Ib/100 gal 2-leaf B 99 193 20.2 19.9 AMS WG 17								В				
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Outlook6L16fl oz/a6-leafCAMSWG17lb/100 gal6-leafCRoundup PowerMax (ASN)4.5SL22fl oz/acanopy DAMS (ASN)WG17lb/100 galcanopy D7Roundup PowerMax4.5SL32fl oz/a2-leafAMSWG17lb/100 gal2-leafBAMSWG17lb/100 gal2-leafBRoundup PowerMax4.5SL22fl oz/a6-leafCDual II Magnum7.64L1.33pt/a6-leafCAMSWG17lb/100 gal6-leafCAMSWG17lb/100 gal6-leafCAMSWG17lb/100 gal6-leafCAMSWG17lb/100 gal6-leafCAMSSL22fl oz/acanopy DFloaf		-										
AMSWG17Ib/100 gal6-leafCRoundup PowerMax (ASN)4.5SL22fl oz/acanopyDAMS (ASN)WG17Ib/100 galcanopyD7Roundup PowerMax4.5SL32fl oz/a2-leafB9920920.420.9AMSWG17Ib/100 gal2-leafBB9920920.420.9AMSWG17Ib/100 gal2-leafBB9920920.420.9AMSWG17Ib/100 gal2-leafCCC<												
Roundup PowerMax (ASN) 4.5SL22fl oz/acanopy DAMS (ASN)WG17lb/100 gal canopy D7Roundup PowerMax4.5SL32fl oz/a2-leafB9920920.420.9AMSWG17lb/100 gal 2-leafBRoundup PowerMax4.5SL22fl oz/a6-leafCDual II Magnum7.64L1.33pt/a6-leafCAMSWG17lb/100 gal 6-leafCFloatFloatRoundup PowerMax (ASN) 4.5SL22fl oz/acanopy DFloatFloat			0									
AMS (ASN)WG17Ib/100 gal canopy D7Roundup PowerMax4.5SL32fl oz/a2-leafB9920920.420.9AMSWG17Ib/100 gal 2-leafBRoundup PowerMax4.5SL22fl oz/a6-leafCDual II Magnum7.64L1.33pt/a6-leafCAMSWG17Ib/100 gal 6-leafCFloreFloreRoundup PowerMax (ASN) 4.5SL22fl oz/acanopy DFlore			4.5									
7 Roundup PowerMax 4.5 SL 32 fl oz/a 2-leaf B 99 209 20.4 20.9 AMS WG 17 lb/100 gal 2-leaf B B 50 209 20.4 20.9 AMS WG 17 lb/100 gal 2-leaf B 50 209 20.4 20.9 MS Koundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C 6 <t< td=""><td></td><td>AMS (ASN)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		AMS (ASN)										
Roundup PowerMax 4.5 SL 22 fl oz/a 6-leaf C Dual II Magnum 7.64 L 1.33 pt/a 6-leaf C AMS WG 17 lb/100 gal 6-leaf C Roundup PowerMax (ASN) 4.5 SL 22 fl oz/a canopy D	7		4.5						99	209	20.4	20.9
Dual II Magnum 7.64 L 1.33 pt/a 6-leaf C AMS WG 17 lb/100 gal 6-leaf C Roundup PowerMax (ASN) 4.5 SL 22 fl oz/a canopy D			1 E									
AMS												
Roundup PowerMax (ASN) 4.5 SL 22 fl oz/a canopy D			1.04									
			4.5									
		AMS (ASN)		WG	17	lb/100 gal	canopy	D				

We	ed Code							AMARE			
Cro	op Code								BETVU	BETVU	BETVU
	ting Data Type							control	stand count	% sugar	yield
	ting Unit							percent	100' row		ton/acre
	ting Date										Sep/25/2013
	Eval Interval							87 DA-C	145 DA-A	146 DA-A	146 DA-A
	ubsamples, Dec.	F	F		Data	0	A	0	0	1	1
	Treatment		Form		Rate		Appl				
	Name Nortron	4	Type L	Rate	pt/a	0	Code A	99	196	19.9	20.8
8	Roundup PowerMax	4 4.5	SL		fl oz/a		B	99	190	19.9	20.8
	Warrant	4.5 3	CS	3	pt/a	2-leaf	В				
	AMS	0	WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22	0		č				
	AMS		WG	17	lb/100 gal		-				
	Roundup PowerMax (ASN)	4.5	SL	22		canopy					
	AMS (ASN)		WG	17	lb/100 gal						
9	Nortron	4	L	3	pt/a	PRE	Α	99	200	19.8	20.6
	Roundup PowerMax	4.5	SL	32	fl oz/a		В				
	AMS		WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22			С				
	Warrant	3	CS	3	pt/a		С				
	AMS		WG	17	lb/100 gal		C				
	Roundup PowerMax (ASN)	4.5	SL	22		canopy					
10	AMS (ASN)	1 E		17	lb/100 gal			00	100	20.4	19.6
10	Roundup PowerMax	4.5	SL WG	32	fl oz/a	2-leaf		99	190	20.1	18.6
	UpBeet Stinger	50 3	L	0.5 4	oz/a fl oz/a		B B				
	Stinger AMS	3	WG	4 17	lb/100 gal		B				
	Roundup PowerMax	4.5	SL	22	fl oz/a		C				
	Warrant	3	CS	3	pt/a		č				
	AMS	÷	WG	17	lb/100 gal		Č				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
	AMS (ASN)		WG	17	lb/100 gal						
11	Roundup PowerMax	4.5	SL	32			В	99	191	19.9	20.0
	Warrant	3	CS	3	pt/a	2-leaf	В				
	AMS		WG	17	lb/100 gal		В				
	Roundup PowerMax	4.5	SL	22			С				
	UpBeet	50	WG	0.5			С				
	Stinger	3	L	4			C				
	AMS			17	lb/100 gal		_				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy					
10	AMS (ASN)	4 5		17	lb/100 gal			00	101	10.0	20.2
12	Roundup PowerMax Betamix	4.5 1.3	SL	32 2	fl oz/a pt/a	2-leaf 2-leaf	в	99	191	19.9	20.2
	AMS	1.3	L WG	2 17	lb/100 gal						
	Roundup PowerMax	4.5	SL	22		2-leaf					
	AMS	Ŧ. U		17	lb/100 gal						
	Roundup PowerMax (ASN)	4.5	SL	22		canopy					
	AMS (ASN)		WG		lb/100 gal						
LSI	D (P=.05)		-					0.0	20.4	0.91	2.73
CV								0.0	7.11	3.18	9.23

Rati Rati Rati Trt-E # Su	p Code ing Data Type ing Unit ing Date Eval Interval ubsamples, Dec.							RWST # / ton Sep/25/2013	BETVU RWSA # / acre Sep/25/2013 91 DA-C 0
			Form Type			Grow Stg	Appl Code	:	
	Roundup PowerMax AMS				fl oz/a lb/100 gal		B B	288	5893
		4.5	SL	22		6-leaf	C C		
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy	/ D		
	AMS (ASN)				lb/100 gal			~~ 4	~ ~ ~ ~
				32 3		2-leaf 2-leaf	В В	294	6184
	AMS				lb/100 gal		в В		
		4.5	SL	22	fl oz/a	6-leaf	С		
	AMS		WG		lb/100 gal				
	Roundup PowerMax (ASN)					canopy			
	AMS (ASN) Roundup PowerMax				lb/100 gal fl oz/a	canopy 2-leaf		296	6299
	•						B	230	0299
	AMS	-	WG	17	lb/100 gal		В		
				22	fl oz/a	6-leaf	С		
	AMS Roundup PowerMax (ASN)				lb/100 gal				
	Roundup PowerMax (ASN) AMS (ASN)				fl oz/a lb/100 gal	canopy canopy			
						2-leaf		298	6100
	Dual II Magnum	7.64	L	1.33	pt/a	2-leaf	В		
	AMS		WG	17	İb/100 gal		В		
	•		-				C		
	AMS Roundup PowerMax (ASN)		-		lb/100 gal fl oz/a	canopy			
	AMS (ASN)				lb/100 gal				
5	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf		302	6431
	AMS		WG	17	lb/100 gal	2-leaf	В		
	•		-				C		
	Warrant AMS			3 17	pt/a lb/100 gal		C C		
	Roundup PowerMax (ASN)					canopy			
	AMS (ASN)		WG	17	lb/100 gal	canopy	/ D		
	•			32	fl oz/a	2-leaf	В	303	6049
	AMS Roundun PowerMax				lb/100 gal				
	1					6-leaf 6-leaf	C C		
	AMS	-			lb/100 gal				
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy	/ D		
	AMS (ASN)				lb/100 gal				
	Roundup PowerMax AMS				fl oz/a lb/100 gal	2-leaf		308	6412
							в С		
	Dual II Magnum	7.64		1.33	pt/a	6-leaf	С		
	AMS		WG	17	İb/100 gal	6-leaf	С		
	Roundup PowerMax (ASN)	4.5	SL	22		canopy canopy			

Cro Rat Rat Trt- # S	ed Code p Code ing Data Type ing Unit ing Date Eval Interval ubsamples, Dec.							BETVU RWST # / ton Sep/25/2013 146 DA-A 0	BETVU RWSA # / acre Sep/25/2013 91 DA-C 0
	Treatment		Form		Rate		Appl		
INO. 8	Name Nortron	Conc 4	Type L	Rate	onit pt/a	Stg PRE	Code A	300	6238
0	Roundup PowerMax	4.5	SL	3 32	fl oz/a	2-leaf	В	300	0230
	Warrant	3	CS	3	pt/a	2-leaf	В		
	AMS	U	WG	17	lb/100 gal		В		
	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	Ĉ		
	AMS		WG	17	lb/100 gal		С		
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy	D		
	AMS (ASN)		WG	17	lb/100 gal		D		
9	Nortron	4	L	3	pt/a	PRE	A	296	6097
	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf	В		
	AMS	4 5	WG	17	lb/100 gal		B		
	Roundup PowerMax Warrant	4.5 3	SL CS	22 3	fl oz/a pt/a	6-leaf 6-leaf	C C		
	AMS	5	WG	17	lb/100 gal		č		
	Roundup PowerMax (ASN)	4.5	SL	22	fl oz/a	canopy	-		
	AMS (ASN)	-	WG	17	lb/100 gal				
10	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf	В	301	5629
	UpBeet	50	WG	0.5	oz/a	2-leaf	В		
	Stinger	3	L	4	fl oz/a	2-leaf	В		
	AMS		WG	17	lb/100 gal		B		
	Roundup PowerMax Warrant	4.5 3	SL CS	22 3	fl oz/a pt/a		C C		
	AMS	3	WG	3 17	lb/100 gal		C		
	Roundup PowerMax (ASN)	45	SL	22	fl oz/a	canopy			
	AMS (ASN)		WG	17	lb/100 gal				
11	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf		298	5934
	Warrant	3	CS	3	pt/a	2-leaf	В		
	AMS		WG	17	lb/100 gal		В		
	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf	C		
	UpBeet	50		0.5	oz/a		C C		
	Stinger AMS	3	L WG	4 17	fl oz/a lb/100 gal		-		
	Roundup PowerMax (ASN)	45	SL	22	fl oz/a	canopy			
	AMS (ASN)	1.0	WG	17	lb/100 gal				
12	Roundup PowerMax	4.5	SL	32	fl oz/a	2-leaf		297	5999
	Betamix	1.3	L	2	pt/a	2-leaf			
	AMS			17	lb/100 gal	2-leaf	В		
	Roundup PowerMax	4.5	SL	22	fl oz/a	6-leaf			
	AMS	4 5		17	lb/100 gal				
	Roundup PowerMax (ASN)	4.5	SL	22 17	fl oz/a	canopy			
	AMS (ASN)		WG	17	lb/100 gal	canopy	U	140	921 /
LSD (P=.05) CV						14.8 3.42	831.4 9.43		
0,								0.72	0.70