## MSU Weed Science Research Program Weed control and dry bean tolerance with BroadAxe

Trial ID: DB01-12 Conducted: T-10 Campus		Sprague, Powell or: Christy Spragu	e						
	black bean seeds/Acre	Row Spacing: No. of Reps: % OM: pH: Design:	30 IN 4 2.5 7.1 RANDOMIZED COMPLETE BLOCK	i					
Fertilizer: 175 lb/A Crop Code Comm	el plow; spring 19-19-19 with pl <b>on Name</b> , DRY								
	Appl i cati o	on Description							
Application Timing: Date Treated: Time Treated: % Cloud Cover: Air Temp., Unit: % Relative Humidity: Wind Speed/Unit/Dir: Soil Temp., Unit: Soil Temp., Unit: Soil/Leaf Surface M: Soil Moist (1=w 5=d):	A PRE Jun/05/2012 10:00 AM 50 64 F 54 4 mph NE 61 F 3 - 2	-							
	Crop Stage at	Each Applicati	on						
Crop Name: Height (In.): Stage (L):	A PHSVX								
	Weed Density	(plants/sq. ft.	)						
Date: Weed Name: Density: Date: Weed Name: Density: Date: Weed Name: Density: Date: Weed Name: Density:	1 Jul/09/2012 ANGR 35 Jul/09/2012 CHEAL 9 Jul/09/2012 AMAP0 16 Jul/09/2012 AMBEL 2								
Application Equipment									
Appl Sprayer Speed Noz Type MPH Typ A Cub 3.8 AI 2	pe Size Heigh	nt Spacing Width	<b>GPA Carrier PSI</b> 19 Water 28						
Commontal Thomas was	loca then 0 1 in	choo of noinfol	1 within the first two week	c of nlo					

**Comments:** There was less than 0.1-inches of rainfall within the first two weeks of planting. Therefore there was poor incorporation of the soil-applied herbicides.

MSU Weed Science Research Program Weed control and dry bean tolerance with BroadAxe

Trial ID:DB01-12Study Dir.: Sprague, PowellConducted:T-10 CampusInvestigator: Christy Sprague												
We	ed Code								ANGR	CHEAL	AMAPO	AMBEL
Cro	p Code							PHSVX				
	ing Data Type							injury	control	control	control	control
Rating Unit								percent	percent	percent	percent	percent
	ing Date											Jun/25/2012
	Eval Interval							20 DA-A	20 DA-A	20 DA-A	20 DA-A	20 DA-A
	ubsamples, De							0	0	0	0	0
	Treatment		Form		Rate	Grow						
No.	Name	Conc	Туре	Rate	Unit	Stg	Code					
4	l lucture et e el							0	0	0	0	0
1	Untreated							0	0	0	0	0
2	Weed-free	7		13	fl oz/a		^	3	99	99	99	99
3	Broadaxe	7		-				-	0	0	0	0
4	Broadaxe	7			fl oz/a fl oz/a			5 19	35 66	0	18 46	0 13
5	Broadaxe	7			fl oz/a			31		-	-	-
6	Broadaxe	7 4		-	fl oz/a			4	68	13	69 33	13
0	Spartan							4	0	0	33 18	0
8	Dual Magnum				fl oz/a			-	36	0	-	0
9	Outlook	6	L	21	fl oz/a	FKE	А	13	60	0	5	0
	D (P=.05)							3.0	5.2	4.7	18.4	16.1
CV								23.78	8.85	25.76	39.69	80.01

Means followed by same letter do not significantly differ (P=.05, LSD)