MSU Weed Science Research Program Crop safety of Outlook postemergence in dry edible beans											
Trial ID:       DB05-20       Study Dir.: Sprague, Stiles and Powell         Conducted:       T-11, Campus       Investigator: Christy Sprague											
Planting Date:Aug-31-2020Variety:Zorro Black BeanPopulation:120000 S/ASoil Type:CL clay loamPlot Size:10 X 30 FT			Row Spacing:30 INNo. of Reps:4% OM:3.2pH:6.3Study Design:Randomized Complete Block (RCB)				)				
Tillage/Previous Crops: Summer chisel plow, summer soil finish (2X) Fertilizer:											
Weed Code	Crop and Weed Description d Code Common Name Scientific Name										
Crop Code	<b>Common Na</b> 6 Bean	ame									
Application Tin Date Treated: Time Treated: % Cloud Cover Air Temp., Unit % Relative Hun Wind Speed/Ur Soil Temp, Unit Leaf Moist/Dew Soil Moist:	idity: hidity:	A POST Oct-10-20 9:00 AM 0 64 F 79 8 mph SV 59 F : 5		Application D	escription	1					
Crop 1 Name: Height: Stage:	<b>A</b> PHSSS 4-5 " (4.5) V2		Cro	p Stage at Ead	ch Applica	ition					
Weed 1 Name: Height: Stage:	A		Wee	ed Stage at Ea	ch Applica	ation					
Appl Spraye Type A CUB	Speed	Type S	lozzle Nozzle ize Height 1003 24 "	Application E Nozzle Spacing 20 "	<b>quipment</b> Boom Width 100 "	<b>Spray Volume</b> 19 GPA	<b>Carrier</b> WATER				

Operation Pressure 30 psi

Comments:

## Michigan State University Crop safety of Outlook postemergence in dry edible beans Trial ID: DB05-20 Location: T-11, Campus Protocol ID: DB05-20 Investigator (Creator): Christy Sprague Project ID: Study Director: Sprague, Stiles and Powell Sponsor Contact:

Crop Type, Code Rating Date Rating Type Rating Unit Trt-Eval Interval Number of Decimals							C PHSSS Oct-13-2020 injury percent 3 DA-A 0
Trt Treatment No. Name	Form Conc	Form Type	Rate	Rate Unit	Appl Timing	Appl Code	
1 Untreated							0
2 Varisto	4.187	I I	21	fl oz/a	POST	Δ	13
Crop oil concentrate	4.107	I				A	10
AMS		WG		lb/a	POST		
3 Varisto	4.187	L	21	fl oz/a	POST	A	13
Outlook	6	L	10	fl oz/a	POST	А	
Crop oil concentrate		L	1	% v/v	POST	А	
AMS		WG	2.5	lb/a	POST	А	
4 Varisto	4.187	L	42	fl oz/a	POST	А	38
Outlook	6	L	20	fl oz/a	POST	А	
Crop oil concentrate		L	1	% v/v	POST	А	
AMS		WG	2.5	lb/a	POST	А	
5 Varisto	4.187	L	21	fl oz/a	POST	Α	13
Reflex	2	L	1	pt/a	POST	А	
Crop oil concentrate		L	1	% v/v	POST		
AMS		WG		lb/a	POST		
6 Varisto	4.187	L	21	fl oz/a	POST		28
Reflex	2	L	1	pt/a	POST	A	
Outlook	6	L	10	fl oz/a	POST	A	
Crop oil concentrate		L	1	% v/v	POST		
AMS		WG		lb/a	POST		
7 Varisto	4.187	_			POST		19
Reflex	_	L		pt/a	POST		
Outlook	6	L			POST		
Crop oil concentrate		L			POST		
AMS		WG	2.5	lb/a	POST	A	
LSD P=.05					5.4		
Standard Deviation						3.6	
CV							20.87