

**Tolerance of summer planted cover crops to wheat herbicides - SVREC 2022**

Trial ID: WT05-22 Study Dir.: Walz, Sprague  
 Conducted: SVREC Investigator:

**Planting Date:** Sep-20-2021 **Row Spacing:**  
**Variety:** soft white wheat **No. of Reps:** 4  
**Population:** 160000 S/A **% OM:** 2.7  
**Soil Type:** CL clay loam **pH:** 7.7  
**Plot Size:** 10 X 135 FT **Study Design:** Randomized Complete Block (RCB)

**Tillage/Previous Crops:** Wheat was broadcast spread and worked in with a 'Joker' multi-purpose tillage tool.  
**Fertilizer:**

Crop and Weed Description			
Weed	Code	Common Name	Scientific Name
1			
Crop	Code	Common Name	
1	TRZAW	Winter wheat	

**Application Description**

**A**  
**Application Timing:** POST  
**Date Treated:** Apr-29-2022  
**Time Treated:** 12:00 PM  
**% Cloud Cover:** 10  
**Air Temp., Unit:** 56 F  
**% Relative Humidity:** 30  
**Wind Speed/Unit/Dir:** 5 MPH ESE  
**Soil Temp, Unit:** 55 F  
**Leaf Moist/Dew Presence (Y/N):** N  
**Soil Moist:** 5

**Crop Stage at Each Application**

**A**  
**Crop 1 Name:** TRZAW  
**Height:** 3 "  
**Stage:** Feekes 4

**Weed Stage at Each Application**

**A**  
**Weed 1 Name:**  
**Height:**  
**Stage:**

Application Equipment										
Appl	Sprayer Type	Ground Speed	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	Spray Volume	Carrier	Operation Pressure
A	CUB	3.8 MPH	AIXR	11003	20.0 "	20.0 "	120.0 "	19 GAL/AC	WATER	30 PSI

**Comments:** Due to the broadcast seeding there were no weeds present in this trial.

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 Protocol ID: WT05-22 Location: SVREC Trial Year: 2022  
 Project ID: Project ID 2: Project ID 3:  
 Study Director: Walz, Sprague Sponsor Contact:  
 Investigator (Creator): Christy Sprague

Crop Type, Code	C, TRZAW	C, TRZAW	C, TRZAW	C, TRZAW
Rating Date	May-6-2022	May-13-2022	May-24-2022	Jun-13-2022
Rating Type	injury	injury	injury	injury
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	7 DA-A	14 DA-A	25 DA-A	45 DA-A
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Rate	Appl Unit	Appl Timing	Code				
1	Huskie	15 fl oz/a	POST	A		0	0	0	0
	Surfactant	0.5 % v/v	POST	A					
	AMS	3 lb/a	POST	A					
2	Talinor	18.2 fl oz/a	POST	A		0	0	0	0
	CoAct+	3.6 fl oz/a	POST	A					
3	Affinity BroadSpec	1 oz/a	POST	A		0	0	2	0
	Surfactant	0.25 % v/v	POST	A					
4	Quelex	0.75 oz/a	POST	A		0	0	0	0
	Crop oil concentrate	1 % v/v	POST	A					
5	Osprey	4.75 oz/a	POST	A		0	15	1	0
	Surfactant	0.5 % v/v	POST	A					
	AMS	3 lb/a	POST	A					
6	Osprey Xtra	4.75 oz/a	POST	A		0	13	2	0
	Surfactant	0.5 % v/v	POST	A					
	AMS	3 lb/a	POST	A					
7	PowerFlex HL	2 oz/a	POST	A		0	3	0	0
	Surfactant	0.5 % v/v	POST	A					
	AMS	3 lb/a	POST	A					
8	Axial Bold	15 fl oz/a	POST	A		0	4	2	0
9	Untreated					0	0	0	0
10	Stinger	0.33 pt/a	POST	A		0	0	0	0
	LSD P=.05					.	2.5	1.8	.
	Standard Deviation					0.0	1.7	1.2	0.0
	CV					0.0	49.46	213.98	0.0