

Study Name: Crambe tolerance to preplant and postemergence herbicides

Study Number: 9910

Objectives: Evaluate crambe tolerance to registered and experimental herbicides

Results: Essentially all treatments caused some stand reduction or injury to the crambe. Looking at the crambe yields, it appears that the crambe recovered to a certain extent from the herbicide injury. Most surprising were the yields for Clarity and Liberty. These plots yielded well despite extensive injury caused by Clarity and Liberty. However, the test weight for these treatments were generally much lower compared to other treatments.

Table. Crambe tolerance to preplant and postemergence herbicides.

Treatment	Rate	<u>June 19</u>	<u>August 18</u>	Crambe Yield (lb/A)	Crambe Test Weight
		Crambe Injury (%)	Crambe Injury (%)		
Untreated		0	0	1246	25.8
Treflan	1.0 lb ai	5	4	1380	25.6
Sonalan	1.125 lb ai	33	20	1336	26.1
Prowl	1.5 lb ai	18	12	1241	25.2
Frontier	1.5 lb ai	35	33	1209	25.8
Dual Magnum	2 lb ai	28	23	1198	25.6
Stinger	0.035 lb ai	5	8	1297	26.2
Stinger	0.125 lb ai	9	10	1349	26.4
Tough	2 pt	37	32	1290	26.7
Tough + NIS	2 pt + 0.25%	33	23	1261	25.1
Herbicide 273	0.56 lb ai	23	13	1321	26.8
Muster + Assure II + Herbimax	0.019 lb ai 8 fl oz 0.25%	18	8	1254	26.1
Muster + Herbimax	0.019 lb ai 1%	7	4	1310	25.7
Paramount + MSO	0.140 lb ai 24 fl oz	8	5	1244	25.2
Paramount + MSO	0.188 lb ai 24 fl oz	9	16	1290	25.5
Clarity	2 fl oz	63	53	1187	24.6
Clarity	2 fl oz	50	78	901	24.1
Liberty	20 fl oz	80	75	1175	26.1
Liberty	34 fl oz	83	79	1015	24.2
LSD		10	15	226	1.7
CV		22	35	11	4