

Table 9. Effect of herbicide programs on storage root yield in conventional and reduced-tillage systems in 2019.

Treatment	Pre-transplant	0-2 DAP	10-14 DAP	Total		No. 1		Jumbo	
				Reduced-tillage	Conventional	Reduced-tillage	Conventional	Reduced-tillage	Conventional
-----kg ha ⁻¹ -----									
1	Flumioxazin	-	S-metolachlor	22100 bc	23600 ab	9100 ab	9600 ab	2860 ab	3740 ab
2	Flumioxazin	Clomazone	S-metolachlor	16900 bc	23100 ab	7600 abc	10300 ab	1950 ab	4700 ab
3	Flumioxazin + clomazone	-	S-metolachlor	13200 bc	19400 ab	3300 bc	7200 ab	0 b	1690 ab
4	Flumioxazin	Clomazone	S-metolachlor + linuron	29500 ab	20500 ab	12600 ab	5300 ab	2680 ab	460 ab
5	Fomesafen	-	S-metolachlor	12400 bc	21200 ab	3000 bc	9900 ab	250 ab	2560 ab
6	Fomesafen	Clomazone	S-metolachlor	9800 c	16700 ab	2100 bc	7500 ab	0 b	1330 ab
7	Fomesafen	Clomazone	S-metolachlor + linuron	19100 bc	19600 ab	9900 ab	6700 ab	3370 ab	950 ab
8	Indaziflam	-	S-metolachlor	15200 bc	30000 a	5800 abc	9000 ab	670 ab	8070 a
9	Indaziflam	Clomazone	S-metolachlor	12200 bc	30600 a	3800 bc	11400 ab	550 ab	6350 a
10	Bicyclopyrone	-	S-metolachlor	4800 c	17300 ab	200 c	5400 ab	0 b	130 ab
11	Bicyclopyrone	Clomazone	S-metolachlor	12400 bc	30200 a	2000 bc	15100 a	0 b	2400 b
12	Weedy check	-	-	5400 c	10000 b	0 c	4000 b	0 b	0 b
13	Weed-free check	-	-	42800 a	27900 a	24100 a	13800 a	5300 a	2080 ab