

2017 Corpus Christi AREC cotton defoliation trial

Treatment	Component	Rate Unit	Timing	Cost/A	7/17/17 7 days after application "A"				7/24/17 7 days after application "B"			
					Open	Defoliation	Dessication	Green Leaf %	Open	Defoliation	Dessication	Green Leaf %
1	Nontreated				78	33	0	67	90	40	0	60
2	Dropp SC	2 fl oz	A									
	Ethephon	21 fl oz	A	7.65	83	79	6	15	93	83	5	12
	Folex	4 fl oz	A									
3	Dropp SC	2 fl oz	A									
	Folex	4 fl oz	A									
	Ethephon	24 fl oz	B	12.82	82	72	3	25	89	82	4	13
	Folex	8 fl oz	B									
4	Dropp SC	1.6 fl oz	A	1.56	78	69	3	28	93	69	3	28
5	Dropp SC	2 fl oz	A	1.95	78	71	4	25	92	67	4	28
6	Dropp SC	2 fl oz	A									
	Ethephon	21 fl oz	A	5.34	83	73	8	18	93	77	4	18
7	Dropp SC	1.6 fl oz	A									
	Sharpen	0.5 fl oz	B									
	MSO	1 %	B	6.39	82	70	3	27	93	89	5	5
	AMS	8 lb/100	B									
8	Dropp SC	2 fl oz	A									
	Sharpen	1 fl oz	B									
	MSO	1 %	B	9.20	78	71	4	25	91	86	6	8
	AMS	8 lb/100	B									
9	Ginstar	3.2 fl oz	A	4.13	83	81	8	12	92	82	5	13
10	Ginstar	6.4 fl oz	A	8.25	85	82	13	5	93	87	5	8
11	Ginstar	3.2 fl oz	A									
	Sharpen	0.5 fl oz	B									
	MSO	1 %	B	8.96	83	79	6	15	92	90	5	5
	AMS	8 lb/100	B									
12	Dropp SC	1.6 fl oz	A									
	Aim	1 fl oz	B	7.62	82	62	1	37	92	68	5	27
	NIS	0.25 %	B									
14	Aim	1 fl oz	A									
	NIS	0.25 %	A									
	Aim	1 fl oz	B	12.11	77	48	3	49	90	56	4	40
	NIS	0.25 %	B									
P>F					0.0819	<0.0001	<0.0001	<0.0001	0.7547	<0.0001	0.114	<0.0001
LSD P=0.05					NS	6.521	3.5968	6.77	NS	6.09	NS	5.921

FiberMax 1830 GLT

Application "A" 7/10/17

Application "B" 7/17/17

*Rain received approx. 1.5 hr after application "B", likely reducing efficacy of those applications