

TES2 - Lagrande Tomato Experiment Station

Protocol and Application Schedule

Plant Date: 4/1/2017

Harvest Date: 8/3/2017

Date	Activity	Temp	RH	Wind	crop stage/other comment
Preplant	Preplant fertilizer application "shanked in". 10-34-0 @ 25 gal + zinc (.5 gal per 30 gal)				
4/1/2017	field planted				
4/14/2017	TMG visited with grower and marked out valves. Tomatoes arent really growing yet.				1-2 new leaves (still shock)
4/19/2017	TMG checked on the Lagrande crew installing valves. First irrigation will be next week.				3-4 new "true leaves"
4/26/2017	Injected first drips-FBS, AgriCal, Ferticell, Redox, 3-17-0, Fusion 360, AEA.	59	65	0	softball sized
4/26/2017	Grower injected Vesta @ 15 gal/ac. Fusion 360 & AEA plots are turned off.				
5/1/2017	Grower is cultivating field.				
5/8/2017	TMG injected AEA, Troy's plot, Actagro AC16, Agrinos 13, and TEP ag.	74	48	calm	basketball sized
5/9/2017	Grower is injecting CAN17 @ 15 gal/ac				
5/13/2017	G.S. fert application - UN32 @ 10 gal/ac + Humic Blend TT @ 1 gal. Shut off Actagro plot.				
5/13/2017	TMG injected Actagro Plot 15 (UN32 + AC16) and Mar Vista plot 9.	55	49	calm	rows are closed in
5/16/2017	Started foliar programs. AEA, Agro-K, Fusion 360, MVR-8	58	65	0-var	just starting to flower
5/20/2017	TMG injected 2,3,4,5,12,13,14,15,16.	91	23	calm	flowering/no fruit
5/20/2017	Grower injected CAN17 @ 15 gal/ac.				
5/25/2017	Grower injecting CN9 @ 10 gal/ac.				
5/25/2017	TMG Sprayed foliars - 1, 8, 16, 17, 19A	66	63	calm	flowering/first fruit
5/30/2017	TMG injected UN32 @ 10 gal/ac into plot 15.	80	60	calm	flowering/fruitletting
5/31/2017	Grower turned the valves off on Plot 15 and injected UN32 at 10 gal/ac + Humic Blend TT @ 1 gal				
6/1/2017	Jim Cook / Troy Giesbrecht sprayed out the plot lines... Buffer Xtra, Paraquat, Wetcit	80	62	calm	flowering/fruitletting
6/1/2017	Injected Plot 1	80	63	calm	1" fruit, flowering
6/3/2017	Sprayed foliar plots 3,4,5,18,19A,19B	80	61	calm	flowering/fruitletting
6/6/2017	Grower is injecting KTS @ 7 gal/ac. TMG turned off plots 6,7,8,9,10,11,16	70	60	calm	fruiting and flowering
6/11/2017	TMG injected programs 6,7,8,9,10,11,12,16,17				
6/15/2017	Grower applying UN32 @ 10 gal / ac				
6/20/2017	Foliar application to Plot 1	85	59	calm	fruiting and flowering
6/27/2017	Drip application to Plot 1	69	59	calm	fruiting (first red)

Tep-Ag

Status	Program	Protocol Timing	Crop Stage	Method	Product	Rate	Mix .45 ac	Comments
5/8/2017	Plot 12 Tep-Ag	30 DAT	ASAP	Drip	Oxy Water	1.5 gal	86.4 fl oz	application done
					Super K	1.5 gal	86.4 fl oz	
5/20/2017		50 DAT		Drip	Super K	.5 gal	28.8 fl oz	application done
					Oxy Water	.5 gal	28.8 fl oz	
6/11/2017		64 DAT		Drip	Super K	.5 gal	28.8 fl oz	application done
					Oxy Water	.5 gal	28.8 fl oz	
did not apply		78 DAT		Drip	Super K	.5 gal	28.8 fl oz	
					Oxy Water	.5 gal	28.8 fl oz	