

Ohio State University Horticulture and Crop Science

POST trial evaluating "Flexstar" product RHYTHM, DAWM

Trial ID: 09POS1 Protocol ID: 09POS1
 Location: Western Branch Study Director: Bryan Reeb
 Project ID: 09POS1 Investigator: Dr. Mark M. Loux
 Sponsor Contact: Jim Barrentine

Reps: 3		Plots: 6.67 by 30 feet												
Spray vol: 20 gal/ac		Mix size: 0.33 gallons (min .27562)												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Unit	Appl Code	Amt to Measure	Product	Plot No.	Rep. 1	2	3
1	RHYTHM	1.88	ME	0.147	lb ai/a	10	fl oz/a	A	4.883	ml/mx	101	204	309	
	N-PAK AMS	100	L	2.50	% v/v	2	qt/a	A	31.23	ml/mx				
	MSO	100	L	1	% v/v	0.8	qt/a	A	12.49	ml/mx				
2	RHYTHM	1.88	ME	0.294	lb ai/a	20	fl oz/a	A	9.767	ml/mx	102	207	301	
	N-PAK AMS	100	L	2.50	% v/v	2	qt/a	A	31.23	ml/mx				
	MSO	100	L	1	% v/v	0.8	qt/a	A	12.49	ml/mx				
3	RHYTHM	1.88	ME	0.588	lb ai/a	40	fl oz/a	A	19.53	ml/mx	103	205	310	
	N-PAK AMS	100	L	2.50	% v/v	2	qt/a	A	31.23	ml/mx				
	MSO	100	L	1	% v/v	0.8	qt/a	A	12.49	ml/mx				
4	RHYTHM	1.88	ME	0.147	lb ai/a	10	fl oz/a	A	4.883	ml/mx	104	206	302	
	GLYFOS X-TRA	4	SL	1	lb ai/a	32	fl oz/a	A	15.61	ml/mx				
5	RHYTHM	1.88	ME	0.294	lb ai/a	20	fl oz/a	A	9.767	ml/mx	105	210	307	
	GLYFOS X-TRA	4	SL	1	lb ai/a	32	fl oz/a	A	15.61	ml/mx				
6	DAWN	2	AS	0.375	lb ai/a	24	fl oz/a	A	11.71	ml/mx	106	202	304	
	MSO	100	L	1	% v/v	0.8	qt/a	A	12.49	ml/mx				
	N-PAK AMS	100	L	2.5	% v/v	2	qt/a	A	31.23	ml/mx				
7	FLEXSTAR	1.88	ME	0.147	lb ai/a	10	fl oz/a	A	4.883	ml/mx	107	201	305	
	N-PAK AMS	100	L	2.50	% v/v	2	qt/a	A	31.23	ml/mx				
	MSO	100	L	1	% v/v	0.8	qt/a	A	12.49	ml/mx				
8	FLEXSTAR	1.88	ME	0.294	lb ai/a	20	fl oz/a	A	9.767	ml/mx	108	209	308	
	N-PAK AMS	100	L	2.50	% v/v	2	qt/a	A	31.23	ml/mx				
	MSO	100	L	1	% v/v	0.8	qt/a	A	12.49	ml/mx				
9	Flexstar GT	3.31	SL	1.24	lb ae/a	3	pt/a	A	23.4	ml/mx	109	203	306	
	N-PAK AMS	100	L	2.50	% v/v	2	qt/a	A	31.23	ml/mx				
	MSO	100	L	1	% v/v	0.8	qt/a	A	12.49	ml/mx				
10	UTC										110	208	303	

Sort Order: Replicate 1

Product quantities required for listed treatments and applications in one trial:

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
61.041	ml	RHYTHM	1.88	ME	
273.230	ml	N-PAK AMS	100	L	
109.292	ml	MSO	100	L	
39.033	ml	GLYFOS X-TRA	4	SL	
14.637	ml	DAWN	2	AS	
18.312	ml	FLEXSTAR	1.88	ME	
29.245	ml	Flexstar GT	3.31	SL	

* 'Per area' calculations based on spray volume= 20 gal/ac, mix size= 0.33 gallons (mix size basis).

* Product amount calculations increased 25 % for overage adjustment.

* 'Per volume' calculations use spray volume= 20 gal/ac, mix size= 0.33 gallons.