

Ohio State University Horticulture and Crop Science

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	STEME 8-12" DIA	STEME 12"
Stage Scale:	>12 LVS	>12 LVS
Density, Unit:	38.6 M2	38.6 M2
Weed 2 Code, Stage:	LAMPU 3-4"	LAMPU 4-6"
Stage Scale:	>12 LVS	>12 LVS
Density, Unit:	10.6 M2	10.6 M2
Weed 3 Code, Stage:	RANAB 6-8"	RANAB 14"
Stage Scale:	10-12 LVS	>12 LVS
Density, Unit:	22.6 M2	22.6 M2
Weed 4 Code, Stage:	TAROF 6-8" DIA	TAROF 16"
Stage Scale:	>12 LVS	>12 LVS
Density, Unit:	8 M2	8 M2
Weed 5 Code, Stage:	AMBTR 2-3"	AMBTR 14"
Stage Scale:	2 LVS	>12 LVS
Density, Unit:	3 M2	3 M2
Weed 6 Code, Stage:	CIRAR .	CIRAR 16"
Stage Scale:	.	>12LVS
Density, Unit:	.	1.33 M2
Weed 7 Code, Stage:	SETFA .	SETFA 6-8"
Stage Scale:	.	4LVS
Density, Unit:	.	68 M2

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	BACKPACK
Operating Pressure:	50	50
Nozzle Type:	DG	DG
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	18 IN	18 IN
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	WATER	WATER
Spray Volume, Unit:	20 GPA	20 GPA
Propellant:	CO2	CO2

Ohio State University Horticulture and Crop Science

ET TANK MIXTURES FOR PREPLANT AND DELAYED BURNDOWN IN CORN

07A48H1B01

Trial ID: 07NTC3

Study Dir.: Anthony F. Dobbels

Location: WESTERN BRANCH ENT W-2

Investigator: Dr. Mark M. Loux

Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

ARM Action Codes

Subsamples, Dec.

	ZEAMX	ZEAMX	ZEAMX
	WEIGHT	MOISTURE	YIELD
	LBS	PERCENT	BU
	Oct/16/2007	Oct/16/2007	Oct/16/2007
	HARVEST	HARVEST	HARVEST
			TY1
	1	1	1

Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Appl Code	38	39	40
1	CORNERSTONE	0.75 lb	ae/a	32 oz/a		A	27.9 a	12.9 a	148.3 a
1	BICEP II MAGNUM	2.9 lb	ai/a	2.1 qt/a					
1	NIS	0.25 %	v/v	6.4 oz/a					
1	AMS	5 %	v/v	4 qt/a					
2	ET	0.00123 lb	ai/a	0.75 oz/a		A	24.6 ab	12.7 a	131.0 ab
2	CORNERSTONE	0.75 lb	ae/a	32 oz/a					
2	BICEP II MAGNUM	2.9 lb	ai/a	2.1 qt/a					
2	NIS	0.25 %	v/v	6.4 oz/a					
2	AMS	5 %	v/v	4 qt/a					
3	2,4-D	0.5 lb	ai/a	1 pt/a		A	26.4 ab	12.8 a	140.6 ab
3	CORNERSTONE	0.75 lb	ae/a	32 oz/a					
3	BICEP II MAGNUM	2.9 lb	ai/a	2.1 qt/a					
3	NIS	0.25 %	v/v	6.4 oz/a					
3	AMS	5 %	v/v	4 qt/a					
4	CORNERSTONE	0.75 lb	ae/a	32 oz/a		B	19.1 b	14.0 a	100.4 b
4	BICEP II MAGNUM	2.9 lb	ai/a	2.1 qt/a					
4	NIS	0.25 %	v/v	6.4 oz/a					
4	AMS	5 %	v/v	4 qt/a					
5	ET	0.00123 lb	ai/a	0.75 oz/a		B	19.6 b	17.3 a	99.3 b
5	CORNERSTONE	0.75 lb	ae/a	32 oz/a					
5	BICEP II MAGNUM	2.9 lb	ai/a	2.1 qt/a					
5	NIS	0.25 %	v/v	6.4 oz/a					
5	AMS	5 %	v/v	4 qt/a					
6	2,4-D	0.5 lb	ai/a	1 pt/a		B	18.7 b	17.0 a	96.0 b
6	CORNERSTONE	0.75 lb	ae/a	32 oz/a					
6	BICEP II MAGNUM	2.9 lb	ai/a	2.1 qt/a					
6	NIS	0.25 %	v/v	6.4 oz/a					
6	AMS	5 %	v/v	4 qt/a					
LSD (P=.05)							5.75	3.44	32.81
Standard Deviation							3.82	2.28	21.77
CV							16.79	15.81	18.26
Bartlett's X2							3.46	26.711	4.291
P(Bartlett's X2)							0.63	0.001*	0.508
Replicate F							0.412	0.820	0.434
Replicate Prob(F)							0.7468	0.5031	0.7317
Treatment F							4.530	3.503	4.609
Treatment Prob(F)							0.0102	0.0269	0.0095

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

ARM Action Codes

TY1 = 5.185714*[38]*(100-[39])/85