

# University of Georgia

Bayer - MC/Cyclanilide 2004

Trial ID: Bayer-MC/Cyclanilide

Study Dir.: Herb Young

Location: Gibbs Farm

Investigator: Craig Bednarz

Part Rated	NAWF Number	NAWF Number	NAWF Number	YIELD	HGT	NODES				
Rating Data Type	70 DAP	77 DAP	86 DAP	Seedcotton	FINAL	FINAL				
Rating Unit				lbs/acre	inches	number				
Rating Date	27/Jul/2004	4/Aug/2004	13/Aug/2004	21/Oct/2004	25/Oct/2004	25/Oct/2004				
Assessed By										
Trt-Eval Interval										
ARM Action Codes	L05	L05	L05	L05	L05	L05				
# Subsamples, Dec.	10 1	10 1	10 1	1 1	10 1	10 1				
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg						
					1	2				
					3	4				
					5	6				
1	Pentia	12 fl oz/a	43 DAP		6.7 c	4.4 c	2.9 b	3802.0 a	49.7 c	20.5 ab
	Pentia	12 fl oz/a	57 DAP							
	Pentia	12 fl oz/a	64 DAP							
2	TADS15338	2 fl oz/a	43 DAP		7.3 b	5.3 b	3.3 b	3619.7 a	58.2 b	20.9 a
	TADS15338	2 fl oz/a	57 DAP							
	TADS15338	2 fl oz/a	64 DAP							
3	TADS15338	2.5 fl oz/a	43 DAP		7.1 bc	5.2 b	2.9 b	3657.7 a	52.2 c	20.3 b
	TADS15338	2.5 fl oz/a	57 DAP							
	TADS15338	2.5 fl oz/a	64 DAP							
4	Untreated				8.0 a	6.6 a	4.1 a	3531.1 a	64.8 a	21.0 a
	LSD (P=.05)				0.48	0.59	0.52	315.96	5.29	0.47
	Standard Deviation				0.39	0.48	0.42	256.81	4.30	0.38
	CV				5.34	8.91	12.68	7.03	7.64	1.86
	Grand Mean				7.28	5.39	3.31	3652.6	56.23	20.67
	Bartlett's X2				1.417	2.096	2.322	1.082	2.502	8.38
	P(Bartlett's X2)				0.702	0.553	0.508	0.781	0.475	0.039*
	Replicate F				5.776	1.922	2.250	2.392	2.290	1.288
	Replicate Prob(F)				0.0036	0.1501	0.1026	0.0874	0.0981	0.3200
	Treatment F				11.877	21.852	11.529	1.159	14.804	5.199
	Treatment Prob(F)				0.0003	0.0001	0.0004	0.3581	0.0001	0.0116

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.