

# Missouri Rice Research and Merchandising Council

## 2017 Evaluating Dicamba Drift in Rice



Treatment	Yield (bu/A)											
	Glennonville, MO				Portageville, MO				Lonoke, AR			
	Inbred		Hybrid		Inbred		Hybrid		Inbred		Hybrid	
Untreated Check	166.7	-	227.1	a	93	b-e	152.7	a-e	129.5	a	242.4	a
1/10x, AP	181	-	210.4	a	110.9	a-e	153.4	a-e	124.6	a	231.5	a
1/2x, AP	183.7	-	209.9	a	105.1	a-e	155.7	a-d	130.8	a	239.4	a
1x, AP	162.9	-	163	b	98.3	a-e	146.2	a-e	-	-	-	-
1/10x, 3-4 LF	177.8	-	226.5	a	109.1	a-e	122.6	a-e	134.8	a	250.6	a
1/2x, 3-4 LF	185.6	-	230.8	a	110.9	a-e	145	a-e	125.3	a	232.7	a
1x, 3-4 LF	186.4	-	227.3	a	102.1	a-e	123.6	a-e	-	-	-	-
1/10x, Post Fld	159	-	223.9	a	106.5	a-e	137.2	a-e	137	a	233.6	a
1/2x, Post Fld	196.5	-	236.6	a	105.4	a-e	158.6	a-d	118.3	a	227.5	a
1x, Post Fld	164.2	-	230.3	a	105.7	a-e	148	a-e	-	-	-	-
1/10x, PI	-	-	-	-	95.7	a-e	143	a-e	135.7	a	221.2	a
1/2x, PI	-	-	-	-	103.8	a-e	165.9	abc	128.6	a	229.3	a
1x, PI	-	-	-	-	80.8	b-e	142.6	a-e	-	-	-	-
1/10x, PI + 14d	178.6	-	222.3	a	96.4	a-e	201.2	a	120.8	a	227.8	a
1/2x, PI + 14d	186	-	227.1	a	74.9	b-e	142.4	a-e	122.9	a	235.9	a
1x, PI + 14d	187	-	234.5	a	68.4	cde	152.8	a-e	-	-	-	-
1/10x, boot	179.9	-	230.3	a	73.4	cde	184.1	ab	109.3	a	231.8	a
1/2x, boot	166	-	219.4	a	54.5	de	99.8	a-e	114.3	a	228.1	a
1x, boot	174.2	-	229.1	a	45.6	e	79.4	b-e	-	-	-	-
1/10x, flowering	-	-	-	-	82.2	b-e	157	a-d	97.8	a	231.7	a
1/2x, flowering	-	-	-	-	64.9	cde	121	a-e	68.3	b	160.9	b
1x, flowering	-	-	-	-	55.9	cde	115.5	a-e	-	-	-	-
LSD P=.05	25.68		18.63		54.65				22.62		23.42	
Standard Deviation	18.18		13.14		39.06				15.85		16.41	
CV	10.17		5.93		33.81				13.22		7.19	
Bartlett's X2	47.595		30.153		64.679				14.998		16.716	
P(Bartlett's X2)	0.001*		0.089		0.018*				0.378		0.272	
Skewness	-0.4068		-1.9335*		0.9461*				-0.7906*		-1.5071*	
Kurtosis	1.2264*		5.9777*		1.3819*				0.4902		2.7499*	
Replicate F	5.438		7.484		2.058				0.119		0.976	
Replicate Prob(F)	0.0022		0.0003		0.109				0.9482		0.4132	
Treatment F	1.244		4.948		3.418				5.009		5.889	
Treatment Prob(F)	0.2486		0.0001		0.0001				0.0001		0.0001	

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

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

\* Adjusted means