

Table 24. Trichomes and TPB response of cotton strains in the 2016 Regional Breeders Testing Network Test at Keiser, AR (Cooperator: Fred Bourland)¹.

Entry	Cultivar	Leaf		Stem		Bract		Dam.	
		pub. ²	r	pub. ²	r	tric. no.	r	flws ³	r
1	TAM13Q-18	2.4	19	3.1	18	38.3	17	56	23
2	TAM11L-24	4.6	1	5.3	1	55.9	2	50	16
3	PD07040	.	.	.	.	.	.	.	.
4	PD09084	2.1	24	3.2	17	35.7	21	58	24
5	PD08028	.	.	.	.	.	.	.	.
6	PD09046	3.3	8	5.0	3	46.7	5	48	12
7	Ark 0812-87ne	3.5	7	3.3	15	39.8	14	41	8
8	Ark 0818-23	2.3	20	2.8	24	37.1	19	47	11
9	Ark 0824-89	3.8	4	3.9	10	39.4	15	54	21
10	Ark 0822-48	2.3	20	4.0	9	32.7	25	49	15
11	Ark 0819-89	1.5	26	2.8	25	33.5	24	59	25
12	NM 13G1029	2.3	20	3.0	20	42.8	11	40	6
13	NM 13G2019	2.5	16	3.0	19	49.6	3	45	10
14	AU77082	3.1	9	3.0	20	35.6	22	53	19
15	AU82074	2.8	12	5.0	2	42.6	12	40	5
16	GA 2011113	3.8	4	4.7	4	41.7	13	42	9
17	GA 2012050	2.7	14	3.0	20	45.0	8	48	13
18	GA 2012082	2.7	14	3.0	20	31.5	26	48	14
19	GA 2012141	1.8	25	2.8	25	34.2	23	59	26
20	MD 16-1	3.9	3	3.5	14	46.0	6	37	1
21	MD 16-2	3.5	6	3.7	13	48.4	4	37	2
22	MS 0152-3-11	2.7	13	3.2	16	37.2	18	52	18
23	MS 0043-28-1	2.5	17	4.3	8	36.5	20	51	17
24	DP 393 CK	2.5	17	4.7	4	45.0	9	38	3
25	DP 493 CK	2.3	20	4.6	6	45.9	7	40	7
26	FM 958 CK	3.0	10	3.8	11	43.6	10	55	22
27	SG 105 CK	2.9	11	4.4	7	39.0	16	53	20
28	UA 222 CK	3.9	2	3.8	11	58.8	1	38	4
29	Frego	.	.	.	.	.	.	89	28
30	Frego	.	.	.	.	.	.	88	27
	Mean	2.9		3.7		41.6		51	
	LSD0.10	0.7		1.0		5.5		9	
	C.V.(%)	20.4		22.4		11.8		22.4	
	R²*100	69.2		56.8		80.3		65.0	

¹ Planted May 5, harvested Sep 29 on a Sharkey clay soil in northeast Arkansas. Inadequate stands of entries 3 and 5 were obtained.

² Leaf and stem pubescence rated at Keiser irrigated test (6 plants per plots, 6 reps) using scale of 1 (smooth leaf) to 9 (pilose, very hairy).

³ Response to tarnished plant bug populations was evaluated in test at Keiser by examining white flowers (6 flowers/plot/day for 6 days) for presence of anther damage. Plots were 1-row, replicated 8 times and planted May 11.