

Table 32. SUNOAT at Baton Rouge, LA, 2008.

Designation	Ent	Grain Yield		Test Weight		Seed Qual	Grow Habit	Leaf-iness	Wint Stress	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phenotype
		bu/a	rnk	lbs/bu	rnk	0-9	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9
LA99016 CHECK	1	88.2	18	33.9	10	1.5	5.8	2.5	1.0	94	50	0.0	0	1.0	4.0
NC01-3497	2	63.4	31	25.3	37	2.0	6.5	4.3	0.5	94	45	0.5	20	1.5	5.3
NC02-8057v	3	56.4	34	29.2	31	2.5	7.5	4.0	0.5	95	43	1.0	19	2.5	5.5
NC02-8331y	4	16.4	39	22.4	40	2.0	7.0	4.0	1.0	97	35	4.5	64	1.0	8.3
NC03-2421v	5	86.4	20	31.1	24	2.5	5.8	3.8	1.0	92	46	0.5	1	3.5	5.3
NC03-2567v	6	61.1	33	29.7	29	2.5	5.0	3.3	0.5	89	47	2.5	34	2.0	6.0
NC03-3400	7	77.9	27	30.9	25	2.0	4.8	4.8	2.0	87	47	0.0	9	3.0	5.3
NC05-5455v	8	52.5	35	28.3	35	2.5	5.3	4.3	1.0	96	41	0.5	38	2.0	6.8
NC05-5456y	9	61.3	32	28.6	34	3.0	6.0	4.8	1.0	97	36	0.0	28	1.0	6.5
NC05-5460	10	30.2	38	26.0	36	2.5	6.5	3.8	1.0	93	45	4.0	39	3.0	6.8
NC05-5496v	11	31.2	37	25.2	38	2.5	5.8	3.5	1.0	92	42	1.0	16	7.5	7.0
NC05-5579N	12	14.5	40	42.6	1	2.0	4.5	3.5	1.0	78	44	0.5	0	4.5	4.8
NC05-5633y	13	69.2	29	28.7	33	2.5	6.3	5.3	0.5	86	41	5.0	20	1.0	5.8
RODGERS CHECK	14	32.9	36	24.2	39	2.5	5.8	3.5	0.0	92	52	1.0	19	3.5	6.0
FL0104FSB-116-S1-B-S2-B-S1	15	95.7	11	34.0	7	3.0	4.0	5.0	1.5	85	43	0.5	0	1.5	4.0
FL0206FSB-34-S1-B-S1	16	93.4	14	32.6	16	3.0	3.0	5.0	2.0	85	47	3.0	0	1.0	4.0
FL99065-D13-E4	17	114.6	1	30.4	26	3.5	4.3	4.3	1.5	92	48	1.5	0	1.0	4.0
FL99181-J11	18	80.6	25	29.6	30	1.0	5.3	4.5	1.0	98	45	0.0	0	1.0	4.8
LA0001BSBS-5-S2-S-B-S2	19	63.6	30	34.9	4	3.5	6.0	4.5	1.0	94	37	0.0	0	1.5	5.0
LA02029SBSBS48	20	86.6	19	33.9	8	1.5	4.5	5.0	2.0	93	51	1.0	0	1.5	4.3
LA02030SBSBSB-S1	21	110.7	3	31.5	20	3.0	4.8	4.3	1.0	86	45	0.5	0	1.5	5.0
LA02035-I-J1	22	104.1	5	34.5	6	1.5	5.5	3.8	1.5	94	47	0.0	0	1.0	4.0
LA02035-I-J2	23	83.4	22	32.4	17	1.5	4.3	4.3	1.0	93	47	0.0	5	1.0	4.8
LA03063SBS14	24	100.5	10	34.7	5	2.5	4.5	5.5	1.5	83	46	0.0	0	1.0	3.3
LA04004SBSB-S2	25	78.5	26	32.7	15	3.0	3.5	5.8	3.5	82	47	1.0	1	3.0	6.0
LA99017SBSBSB-275-C-B-S1	26	81.6	24	32.7	14	2.5	6.8	3.5	2.0	96	50	0.0	0	1.0	4.5
HORIZON 270 CHECK	27	103.5	6	33.3	12	2.5	4.3	5.8	2.0	91	43	0.0	0	1.5	4.3
FL0046-E7	28	82.0	23	33.1	13	2.0	4.8	3.8	2.0	91	50	0.5	0	1.5	4.5
FLQR1805-J12	29	112.2	2	32.2	18	2.0	2.5	4.5	3.0	83	51	1.0	0	3.0	5.3
FLQR1812-J5	30	101.0	7	33.8	11	3.0	3.3	5.0	2.0	87	46	0.5	3	0.5	5.0
FL0047-J9	31	90.5	17	28.9	32	3.0	4.0	5.0	1.0	83	44	1.0	0	4.5	5.5
FLQR1837-J2	32	93.2	15	30.0	28	2.5	4.8	4.3	1.0	81	45	1.0	0	0.5	4.3
FL0047-J2	33	84.0	21	35.2	3	2.0	6.3	3.8	1.0	93	44	0.0	0	0.5	4.3
FL0108-J5	34	106.0	4	30.0	27	2.5	2.8	4.8	2.5	77	43	0.5	0	2.5	5.3
FL0210-J1	35	100.8	9	33.9	9	2.5	5.8	5.0	1.0	94	48	0.0	0	0.5	3.8
LA03028S-K1	36	92.5	16	32.2	19	2.5	4.0	5.3	2.0	95	50	0.0	0	1.5	4.8
FL03003-K7	37	75.7	28	31.2	22	2.5	6.0	3.8	1.0	95	51	1.0	0	1.5	4.0
FL03052-K4	38	94.2	13	36.1	2	2.5	5.8	5.5	0.5	86	47	1.0	0	2.0	4.5
FL03068-K2	39	95.2	12	31.3	21	3.0	4.5	3.5	1.0	87	44	0.5	0	2.5	4.8
HORIZON 201 CHECK	40	101.0	8	31.1	23	3.0	5.3	4.3	1.5	92	48	1.5	0	3.5	4.8
Mean		79.9		31.4		2.4	5.1	4.4	1.3	90	45	0.9	8	2.0	5.0
CV%		20		3		26	8	12	28	1	3	140	89	43	9
LSD (0.10)		27.7		1.7		1.1	0.7	0.9	0.6	2	3	2.2	12	1.5	0.7

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Planted 11/13/2007. Harvested 5/15/2008. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

Lodging and Stem Rust: 0 = none, 9 = severe

Growth Habit: 0 is very spring-like - upright winter growth habit; 9 = very winter, prostrate growth habit.

Leafiness is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.