

Table 31. 2007-08 USDA Uniform Winter Oat Yield Nursery at Baton Rouge, LA.

Cooperator: S Harrison, K. Arceneaux, G Schexnayder														
No. Reps: 3 Plot size (ft2): 70 Plant: 11/19/07 Harv: 5/15/2008														
Entry	Designation	Grain Yield		Test weight	Seed Quality	Grow Habit	Wint Stress	Leafiness	Head Day	Plt Ht	Lodging	Crown rust	Stem Rust	Pheno type
		bu/A	rnk	lb/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
23	TX02U7682	142.9	1	34.7	3.0	4.5	2.5	3.8	86	50	1.3	0	1.7	4.3
8	FL0115-J2	130.8	2	34.2	5.0	4.0	2.5	4.5	90	53	1.0	0	1.7	4.8
11	LA97006GSB-59-2-4-SBS1	129.3	3	34.0	2.3	3.5	3.0	5.5	90	49	2.3	0	0.7	4.0
21	TX02U7443	126.0	4	32.8	3.7	5.0	1.5	4.5	90	52	1.0	0	2.3	4.8
20	TX02U7325	123.7	5	30.9	3.7	4.0	1.0	4.8	81	49	3.7	0	2.7	3.8
2	TAM-O-397	123.2	6	32.4	2.7	4.0	1.5	3.8	82	55	1.3	0	1.0	4.0
10	FL99153FBS-45-1-B-S-B-S1-B-S1	121.1	7	35.6	3.3	5.5	2.0	3.8	94	47	1.0	0	1.0	4.0
22	TX02U7490	121.0	8	31.8	3.7	4.0	2.0	3.5	85	52	1.7	0	1.7	4.8
13	LA9911SBSBSB-45-B-S-B-S2	120.9	9	32.2	3.0	3.0	4.0	5.5	96	50	1.0	0	0.7	4.8
15	LA03046SBS7-B-S1	117.7	10	34.1	2.7	4.0	2.5	5.5	90	48	1.0	0	1.0	3.8
24	TX05CS347-1	109.4	11	32.8	2.3	5.0	2.0	4.0	92	47	1.0	0	3.0	4.5
14	LA02030-S-B-106-S1-B-S1	101.5	12	32.5	4.0	4.0	2.0	4.8	91	49	1.0	0	3.3	4.3
6	Horizon 201	100.6	13	31.2	3.3	4.5	2.0	4.0	92	55	1.3	0	4.3	5.3
12	LA99017SBSBSB-275-C-B-S2	97.0	14	32.4	4.3	6.0	2.0	3.3	95	55	1.0	0	1.0	4.3
7	FL99212-D6	96.9	15	29.6	3.0	3.5	3.5	5.5	91	51	1.0	0	4.0	4.8
25	TX05CS542	93.8	16	29.8	3.0	3.5	0.5	4.8	78	51	1.3	2	6.0	4.5
4	HORIZON 321	91.2	17	33.7	3.7	5.5	3.5	5.8	96	47	1.3	5	3.3	5.3
9	FL0115-J4	80.3	18	32.1	4.3	4.0	2.5	4.8	90	56	2.0	0	3.0	5.3
19	NC03-2421	77.0	19	28.2	3.7	5.0	1.0	4.5	88	48	1.0	2	5.0	5.0
17	NC02-8057	71.0	20	28.2	3.0	6.0	0.0	4.0	92	48	1.3	28	2.7	5.5
5	FL99084-J2	62.3	21	30.9	5.3	3.0	4.5	5.5	82	44	2.7	0	5.7	6.0
3	Harrison	55.6	22	29.3	3.3	5.5	1.0	4.8	91	54	2.3	3	5.3	4.5
16	NC01-3497	27.2	23	22.5	3.7	5.5	1.0	4.0	92	50	5.0	58	3.3	5.8
1	Rodgers	24.1	24	22.3	4.7	5.0	1.0	3.8	92	53	3.3	45	5.0	5.8
18	NC02-8331	6.3	25		3.3	6.5	1.0	3.8	96	42	3.3	60	2.7	6.0
	Mean	93.7		31.2	3.5	4.6	2.0	4.5	90	50	1.8	8	2.9	4.8
	CV	17		3	18	12	21	11	1	4	49	81	53	10
	LSD (0.10)	21.9		1.4	0.9	1.0	0.7	0.8	1.6	3.3	1.2	9.0	2.1	0.8
Comments: Please include here growing conditions during the year.														
Heavy stem rust pressure, good yields														
Seed Quality: 0 = very bright, well-filled; 9 = very poor														
Growth Habit is mid-winter rating where 0 = very upright spring type and 9 = very prostrate winter type.														
Stem Rust rating of 0 = none; 9 = very severe														
Winter Stress is a visual rating of degree of mid-winter red/purpling/yellowing. 0 = no discoloration; 9 = severe.														
Leafiness is average of 2 mid-winter ratings: 0 = very leafy, 9 = few leaves.														
Phenotype: 0 = excellent visual appearance; 5 = average; 9 = very poor; average of 4 ratings across spring.														
0.35 oz/acre Amber herbicide plus Harmony Extra. 0-0-60 preplant fertilizer, 65-0-0-4 topdress.														