

The National Turfgrass Evaluation Program at UCR

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The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Information such as turfgrass quality, color, density, resistance to diseases and insects, tolerance to heat, cold, drought and traffic is collected and summarized by NTEP annually. Plant breeders, turfgrass researchers and extension personnel use NTEP data to identify improved environmentally-sound turfgrasses. Local and state government entities, such as parks and highway departments, use NTEP for locating resource-efficient varieties. Most important, growers and consumers use NTEP extensively to purchase drought tolerant, pest resistant, attractive and durable seed or sod. It is the acceptance by the end-user that has made NTEP the standard for turfgrass evaluation in the U.S.A. and many other countries worldwide.

NTEP is a cooperative effort between the non-profit National Turfgrass Federation, Inc., and the United States Department of Agriculture (USDA). NTEP is headquartered at the Beltsville Agricultural Center (BARC) in Beltsville, Maryland U.S.A.

NTEP tests are initiated, established, maintained and evaluated using standardized testing protocols. Data is collected across the U.S.A. and Canada by university researchers using standard procedures and formats. Data is submitted to NTEP, computer formatted and statistically analyzed. Annual progress reports are produced for each species tested and at the end of the testing period, a final summary report is produced. NTEP reports can be found at <http://www.ntep.org/>.

At UCR there are four current NTEP studies:

	entries	date planted
National Tall Fescue	113	Aug 06
National Bermudagrass	31	June 07
National Seashore <i>Paspalum</i>	6	June 07
National Zoysiagrass	11	June 07

AG Sod Company has generously helped support the care of the plots in the UCR NTEP program in 2007 and 2008.

2006 NTEP Tall Fescue Trial
(12E-1, 5, 9)

12E-9

100	109	40	31	61	103	91	50	11	32
4	65	86	24	25	95	96	111	73	38
93	70	57	9	89	27	64	53	112	43
20	30	21	10	74	19	26	22	56	108
49	52	84	60	72	8	78	62	80	42
14	77	5	6	68	37	82	39	113	28
2	44	17	16	1	79	36	35	66	18
90	63	13	34	88	98	106	23	45	46
97	54	101	105	76	87	15	59	7	3
110	47	58	71	92	48	51	69	41	67
99	107	83	75	94	12	102	29	81	33
104	55	85							



2006 NTEP Tall Fescue Trial
(12E-1, 5, 9)

12E-5

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113							

2006 NTEP Tall Fescue Trial
(12E-1, 5, 9)

12E-1

42	66	111	23	65	13	69	95	99	43
103	50	8	49	110	109	45	88	52	48
72	101	68	19	100	44	78	75	113	73
25	105	92	41	7	67	59	24	79	96
85	77	70	83	57	35	76	9	61	97
62	33	106	46	74	30	51	34	98	28
39	5	36	102	54	56	112	2	90	94
84	26	15	10	107	86	47	14	27	87
16	32	53	22	37	4	12	38	93	104
82	6	58	60	80	18	108	89	29	55
17	71	21	63	11	1	3	64	91	20
31	81	40							

2006 NTEP Tall Fescue Trial
(12E-1, 5, 9)

entry		entry		entry		entry	
1	KY-31	31	IS-TF-151	61	BAR Fa 6253	91	CS-TF1
2	Z-2000	32	IS-TF-135	62	RP 3	92	KZ-1
3	DP 50-9407	33	MVS-TF-158	63	Tahoe II	93	LS-11
4	DP 50-9411	34	IS-TF-159	64	06-WALK	94	LS-06
5	DP 50-9440	35	IS-TF-153	65	Escalade	95	DKS
6	TG 50-9460	36	IS-TF-154	66	06-DUST	96	LS-03
7	Plato	37	IS-TF-161	67	RAD-TF17	97	GWTF
8	Lindbergh	38	MVS-341	68	PSG-85QR	98	KZ-2
9	Aristotle	39	MVS-1107	69	STR-8GRQR	99	AST-2
10	Einstein	40	MVS-BB-1	70	PSG-82BR	100	AST-3
11	Silverado	41	MVS-MST	71	K06-WA	101	RNP
12	LTP-610 CL	42	M4	72	GO-1BFD	102	AST-4
13	LTP-CRL	43	0312	73	STR-8LMM	103	AST 7003
14	LTP-RK2	44	PSG-TTST	74	STR-8BB5	104	AST-1
15	ATF 1247	45	Col-1	75	Tulsa III	105	J-140
16	RKCL	46	J-130	76	PSG-RNDR	106	ATF-1199
17	RK 4	47	Col-M	77	PSG-TTRH	107	Justice
18	RK 5	48	Col-J	78	STR-8BPDx	108	Rebel IV
19	GE-1	49	Hunter	79	Rembrandt	109	Millenium SRP
20	SC-1	50	Biltmore	80	JT-41	110	RK-1
21	ATF 1328	51	Padre	81	JT-36	111	Rhambler
22	Skyline	52	Magellan	82	JT-45	112	Firenza
23	Hemi	53	NA-BT-1	83	JT-42	113	Falcon IV
24	Burl-TF8	54	NA-SS	84	JT-33		
25	Turbo	55	RP 2	85	BGR-TF1		
26	Bullseye	56	CE 1	86	BGR-TF2		
27	IS-TF-152	57	RK 6	87	PST-5HT		
28	IS-TF-138	58	ATM	88	PST-5WMD		
29	IS-TF-147	59	SH 3	89	AST 7002		
30	IS-TF-128	60	BAR Fa 6363	90	AST 7001		

2007 NTEP Bermudagrass Trial
(12E-19)

12E-19

8	5	16	13	23	24	7	28
11	27	17	15	6	18	14	1
4	9	3	30	12	20	21	10
2	25	29	19	31	22	26	13
23	8	30	19	22	16	1	27
12	17	14	10	28	25	24	15
3	11	20	2	5	31	29	9
26	6	4	21	7	18	15	24
21	18	12	17	10	11	6	20
22	23	27	28	2	5	16	8
25	19	29	7	30	31	26	4
13	9	14	1	3			




2007 NTEP Bermudagrass Trial (12E-19)

entry	
1	Riviera
2	Princess 77
3	NuMex-Sahara
4	SWO-1070
5	SWI-1081
6	SWI-1083
7	SWI-1113
8	SWI-1117
9	SWI-1122
10	Midlawn
11	Tifway
12	Premier
13	SWI-1057
14	BAR 7CD5
15	PST-R6FLT
16	Sunspout
17	Patriot
18	OKC 1119
19	OKC 1134
20	RAD-CD1
21	OKS 2004-2
22	PSG 91215
23	PSG 94524
24	IS-01-201
25	IS-CD10
26	J-720
27	Yukon
28	Veracruz
29	PSG 9BAN
30	PSG PROK
31	PSG 9Y2OK

2007 NTEP Zoysiagrass Trial
(12E-18S)

5	3	6	1	10	9	4
2	7	8	11	7	2	1
5	6	10	8	3	9	4
11	3	4	8	10	7	6
2	11	5	1	9		



- entry
- 1 Zenith
 - 2 Meyer
 - 3 Zorro
 - 4 DALZ 0501
 - 5 DALZ 0701
 - 6 DALZ 0702
 - 7 Shadowturf
 - 8 L1F
 - 9 29-2
 - 10 240
 - 11 380-1

randomization from www.randomization.com (5/31/07):

	block		
order	1	2	3
1	5	7	3
2	3	2	4
3	6	1	8
4	1	5	10
5	10	6	7
6	9	10	6
7	4	8	2
8	2	3	11
9	7	9	5
10	8	4	1
11	11	11	9

seed 8214 8222 6224

2007 NTEP *Paspalum vaginatum* Trial
(12E-18N)

7

7	5	6	2	4	3	1	3
	6	1	5	2	4	5	4
	6	1	3	2			

↑ N

entry

- 1 Salam
- 2 Sea Isle 1
- 3 SRX 9HSCP
- 4 UGA 7
- 5 Uga 22