

Final-year report on national 1991 zoysiagrass tests

Turfgrass Name	AL1	AR1	AZ1	CA2	CA3	GA1	GA2	ID2	IL1	IL2	KS2	MD1	MO1	MS1	OK1	TX1	TX2	UB1	UB2	VA1	Mean	Rating in '95
*m Cavalier (DALZ 8507)	4.9	6.9	6.8	4.4	5.6	7.3	4.4	1.7	3.9	7.1	7.4	7.8	5.3	7.1	7.3	7.1	5.4	7.8	6.1	5.4	6.0	1st
m Marquis (TC 2033)	4.9	6.8	6.5	4.9	6.0	7.3	4.3	1.0	3.7	7.6	8.3	7.7	5.3	7.1	8.0	7.3	5.6	6.2	5.6	4.9	6.0	4th
j Sunburst	4.7	6.0	6.3	5.0	5.6	6.9	4.6	8.0	4.1	5.6	7.3	6.9	5.5	5.9	5.7	6.9	3.5	7.0	5.8	6.2	5.9	8th
*m Emerald	4.8	7.5	6.1	3.9	6.0	7.1	4.8	1.0	3.6	5.3	7.9	7.8	4.9	7.2	7.5	6.2	4.6	6.8	5.7	5.7	5.7	2nd
j TC 5018	4.9	5.8	6.1	4.9	5.4	6.4	4.4	5.3	4.9	5.3	8.0	6.6	5.4	6.0	6.3	6.3	4.0	6.0	5.4	6.4	5.7	10th
*m Omni (CD 2013)	4.8	6.7	6.3	5.0	5.7	7.4	3.4	1.3	4.6	7.1	7.6	6.9	5.7	6.0	7.5	6.2	3.8	6.3	5.8	5.7	5.7	3rd
m DALZ 8508	4.9	6.7	5.9	4.3	5.8	6.9	3.7	1.3	3.5	6.7	7.8	7.5	5.1	7.3	7.6	6.5	4.8	6.6	5.4	3.9	5.6	5th
m QT 2004	4.9	6.4	6.2	4.7	5.7	7.3	3.9	1.0	4.2	6.9	7.5	6.9	5.2	5.0	7.5	6.7	2.5	6.7	6.2	5.9	5.6	7th
*m Royal (DALZ 9006)	4.7	6.7	5.9	4.4	5.6	6.9	3.7	1.3	2.9	6.7	7.8	7.1	4.9	6.5	7.6	7.3	5.0	6.7	5.8	3.4	5.5	6th
j CD 259-13	4.8	5.9	5.3	5.0	5.4	6.5	4.0	6.0	4.2	5.5	7.7	6.2	5.6	5.8	5.5	6.1	2.0	6.2	5.3	6.8	5.5	15th
*j Meyer	4.7	6.3	6.2	4.7	5.8	6.7	3.1	1.7	3.9	6.7	8.0	6.9	5.9	6.3	7.5	6.3	1.9	5.4	6.2	5.1	5.5	12th
*j Crowne (DALZ 8512)	4.8	5.7	6.6	5.3	5.8	6.6	4.8	1.0	4.6	4.9	7.1	6.6	4.9	6.1	5.4	6.7	4.4	6.6	4.3	6.9	5.5	13th
*j Palisades (DALZ 8514)	4.8	5.3	6.9	4.8	5.9	6.5	4.7	1.3	3.9	5.7	7.9	7.0	5.1	6.0	6.0	6.5	4.1	5.7	4.3	6.3	5.4	9th
*j El Toro	4.8	5.5	6.5	5.3	6.0	6.3	4.4	1.0	3.9	5.0	7.8	7.0	5.1	6.1	5.3	6.4	4.2	6.4	4.2	7.1	5.4	16th
j QT 2047	4.9	6.0	4.9	4.5	4.7	6.2	3.1	7.0	4.4	5.0	6.8	5.5	5.0	6.0	5.5	6.3	2.2	5.3	4.5	5.4	5.2	18th
#*j TGS-W10	4.7	5.9	5.9	4.3	5.3	6.4	3.8	3.0	4.3	3.3	6.0	6.1	5.7	5.0	6.1	6.1	3.3	5.0	5.5	5.5	5.1	15th
j DALZ 8516	4.9	6.7	6.6	4.3	6.1	7.0	4.2	1.7	2.9	2.1	7.3	6.2	5.4	5.4	7.2	6.0	5.7	4.7	5.6	1.0	5.1	21st
*j Belair	4.8	6.7	5.4	3.4	5.2	6.7	3.7	2.3	4.5	3.7	7.2	5.9	6.0	4.7	6.2	6.5	2.9	4.8	5.4	4.3	5.0	14th
#j TGS-B10	4.8	5.3	5.6	5.0	5.4	6.2	3.5	2.7	4.5	3.7	7.3	6.0	5.5	4.5	5.5	5.7	2.9	5.3	4.7	5.7	5.0	17th
#j JZ-1	4.9	5.0	5.1	4.7	4.9	6.5	4.2	3.3	4.1	3.9	5.6	5.5	5.1	4.6	5.0	6.0	2.1	5.4	3.9	5.3	4.8	20th
#*j Korean Common	4.8	4.7	5.1	4.4	4.8	6.2	3.5	3.3	4.0	2.4	5.8	5.3	5.1	4.8	4.8	6.2	2.3	5.3	4.0	5.2	4.6	19th
*m Diamond (DALZ 8502)	4.7	6.5	5.9	3.9	5.8	6.0	3.7	1.3	2.7	4.5	7.1	1.0	2.5	5.6	6.9	6.6	5.7	3.6	2.3	1.0	4.4	22nd
m DALZ 8501	4.8	5.7	5.3	3.8	4.7	6.3	2.8	1.3	3.7	4.7	6.8	1.0	1.3	4.8	5.9	7.2	3.6	3.6	2.8	1.0	4.1	23rd
m DALZ 8701	4.7	5.8	5.7	4.4	5.2	6.5	3.6	1.0	2.9	1.0	5.1	1.2	1.7	5.0	5.5	5.4	3.7	1.2	1.0	1.0	3.6	24th
LSD Value	0.3	0.6	0.4	0.6	0.5	0.5	1.0	1.3	0.9	2.3	1.2	0.6	0.7	1.0	0.9	0.6	1.4	0.8	1.0	1.8	0.2	

* — Commercially available in the U.S. in 1996.
 # — Seeded varieties.
 m — Zoysia matrella, fine-bladed grasses.
 j — Zoysia japonica, a coarser grass for roughs and home lawns.

The following are conditions at the sites of the zoysiagrass national tests, including, in order, location, soil texture, soil pH, nitrogen applied (in pounds per 1,000 square feet), mowing height (in inches) and irrigation practiced:

- AL1** — Auburn University, Ala., N/A.
- AR1** — Fayetteville, Ark., silt loam and silt, 5.6-6.0, 3.1-4.0, 3.1-3.5, no irrigation.
- AZ1** — Tucson, Ariz., sandy loam, 7.6-8.5, 2.1-3.0, 1.1-1.5, to prevent stress.
- CA2** — Santa Ana, Calif., N/A.
- CA3** — Riverside, Calif., N/A.
- GA1** — Griffin, Ga. (high soil pH), sandy loam, 4.6-5.5, 2.1-3.0, 1.1-1.5, to prevent stress.
- GA2** — Griffin, Ga. (low soil pH), sandy loam, 3.6-4.5, 2.1-3.0, 1.1-1.5, no irrigation.
- ID2** — Post Falls, Idaho, silt loam and silt, 6.1-6.5, 3.1-4.0, 1.1-1.5, to prevent stress.
- IL1** — Urbana, Ill., N/A, N/A, N/A, 1.6-2.0, no irrigation.
- IL2** — Carbondale, Ill., silty clay loam, 6.1-6.5, 3.1-4.0, 1.1-1.5, no irrigation.
- KS2** — Wichita, Kan., sandy loam, 5.6-6.0, 1.1-2.0, 0.6-1.0, to prevent dormancy.
- MD1** — Silver Spring, Md., sandy loam, 5.6-6.0, 3.1-4.0, 0.6-1.0, to prevent dormancy.
- MS1** — Mississippi State, Miss., sandy clay loam, 7.1-7.5, 3.1-4.0, 1.6-2.0, only during

- severe stress.
- MO1** — New Franklin, Mo., silty clay loam, 6.1-6.5, 2.1-3.0, 1.6-2.0, to prevent stress.
- OK1** — Stillwater, Okla., silty clay loam, 6.6-7.0, 2.1-3.0, 0.6-1.0, to prevent stress.
- TX1** — Dallas, Texas (full sun), silty clay and clay, 0.0-3.5, 3.1-4.0, 1.6-2.0, to prevent stress.
- TX2** — Dallas, Texas (partial shade), silty clay and clay, 0.0-3.5, 3.1-4.0, 1.6-2.0, to prevent stress.

- UB1** — Beltsville, Md. (high maintenance), sandy loam, 5.6-6.0, 2.1-3.0, 0.6-1.0, to prevent dormancy.
- UB2** — Beltsville, Md. (low maintenance), silt loam and silt, 4.6-5.5, 0.0-1.0, 1.6-2.0, no irrigation.
- VA1** — Blacksburg, Va., silty loam and silt, 6.1-6.5, 3.1-4.0, 0.6-1.0, to prevent dormancy.

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