

Part 2.

1988 DATA

**MEAN TURFGRASS RATINGS
OF COMERCIALLY-AVAILABLE TALL FESCUE VARIETIES**

Variety	Washington, DC-2	Urbana, IL-1	W. Lafayette, IN-1	Manhattan, KS-1	Silver Spring, MD-1
Adventure	5.3	7.3	6.8	6.8	4.7
Amigo	4.1	7.5	6.4	7.2	5.0
Apache	4.2	7.7	6.7	7.2	4.7
Arid	4.8	6.7	6.6	6.6	4.7
Aztec	3.4	7.3	5.2	7.5	5.7
Barnone	5.7	7.0	6.6	7.0	4.7
Bonanza	5.6	7.8	6.9	6.9	5.3
Carefree	4.8	6.8	6.4	7.1	4.3
Chieftain	4.0	7.1	6.8	7.1	5.7
Cimarron	4.3	7.3	6.5	6.9	5.3
Eldorado	5.3	7.1	5.9	7.4	4.7
Emperor	2.6	6.5	5.8	7.1	5.0
Falcon	4.3	6.9	5.9	6.4	5.0
Finelawn I	5.7	6.9	6.6	6.2	5.3
Finelawn 5GL	6.0	7.0	6.8	6.5	4.7
Jaguar	4.8	7.7	6.9	6.8	5.0
Jagura II	4.2	7.3	6.3	6.7	5.3
Ky-31	6.0	6.2	6.0	5.2	5.0
Legend	3.9	6.8	6.7	7.0	5.0
Mesa	5.9	7.4	6.3	6.8	6.0
Monarch	3.9	7.3	6.7	7.2	5.0
Murietta	4.1	6.8	6.2	7.1	5.0
Olympic	5.2	7.6	7.1	6.9	4.3
Pacer	5.2	6.7	5.9	6.7	5.0
Rebel	5.9	6.9	6.3	6.6	5.0
Rebel II	5.9	7.2	6.8	6.8	5.7
Richmond	4.4	6.9	6.2	6.3	4.7
Silverado	3.7	6.6	5.4	7.3	4.3
Sundance	4.4	7.3	6.0	7.1	4.7
Taurus	3.8	7.3	6.0	6.9	5.7
Thoroughbred	6.1	7.1	7.2	6.8	4.7
Tip	4.3	6.4	5.7	6.3	4.7
Titan	5.4	7.4	6.8	6.5	5.7
Trailblazer	4.2	7.2	6.4	7.4	4.0
Tribute	4.4	6.9	5.9	6.9	5.0
Trident	4.9	7.2	6.5	6.8	5.0
Willamette	4.8	6.5	6.7	6.2	5.0
Winchester	4.4	6.9	6.4	7.0	5.0
Wrangler	5.4	7.2	6.7	6.9	5.7
LSD value	1.7	0.7	0.7	0.4	1.4

Part 3

1988 DATA

MEAN TURFGRASS RATINGS
OF COMMERCIALLY-AVAILABLE TALL FESCUE VARIETIES

Variety	E. Lansing, MI-1	St. Louis, MO-3	N. Brunswick NJ-1	Ithaca, NY-1	Long Island, NY-2
Adventure	6.1	5.4	4.0	4.8	5.5
Amigo	6.9	5.5	5.5	5.8	5.8
Apache	6.7	5.3	4.8	5.0	5.2
Arid	6.1	5.4	4.5	5.0	5.3
Aztec	6.1	6.0	6.0	5.0	5.5
Barnone	—	5.9	4.7	4.7	5.3
Bonanza	6.4	5.6	5.5	5.0	5.7
Carefree	6.1	5.5	4.3	5.0	5.5
Chieftain	6.1	5.5	5.0	5.3	5.7
Cimarron	6.2	5.4	4.4	5.5	5.3
Eldorado	6.3	5.3	5.9	4.3	4.5
Emperor	6.0	5.2	5.3	4.2	4.0
Falcon	6.6	5.3	3.8	4.3	4.7
Finelawn I	5.9	4.8	3.5	4.2	4.7
Finelawn 5GL	5.8	5.5	4.3	4.2	5.0
Jaguar	5.7	5.2	4.2	4.5	4.7
Jaguar II	7.4	5.1	4.3	5.3	5.3
Ky-31	5.0	4.8	2.6	3.3	3.8
Legend	6.2	5.0	4.8	4.2	4.3
Mesa	6.3	5.2	5.0	4.5	4.3
Monarch	6.7	5.4	6.3	4.8	5.3
Murietta	5.6	5.2	4.9	4.7	5.2
Olympic	6.0	5.6	4.9	5.8	5.8
Pacer	5.9	5.6	4.0	4.7	4.5
Rebel	6.3	5.2	4.3	4.3	4.8
Rebel II	6.6	5.7	5.2	5.0	4.8
Richmond	6.1	5.2	4.0	4.8	4.8
Silverado	6.1	5.5	6.0	4.5	4.8
Sundance	6.2	5.5	5.3	4.0	4.2
Taurus	6.2	5.2	5.0	5.3	4.8
Thoroughbred	6.3	5.1	4.9	4.7	4.5
Tip	5.9	5.2	3.3	3.7	4.2
Titan	6.0	6.0	4.4	4.2	4.2
Traiblazer	6.3	5.8	5.7	5.8	6.2
Tribute	6.7	5.8	5.5	4.5	4.8
Trident	6.1	5.3	4.6	4.8	4.7
Willamette	5.7	5.0	3.5	4.5	5.0
Winchester	5.9	6.0	5.3	4.3	5.0
Wrangler	6.2	5.0	5.0	5.2	5.2
LSD value	0.8	0.5	0.7	1.3	1.2



Cobra is the bent that ends the long wait for a challenger to Penncross.

Cobra is the new, improved creeping bent developed jointly by International Seeds, Inc. and Rutgers University which has surpassed

Penncross for color and turf quality in trials in North Carolina and Georgia.

From March through August in a North Carolina State trial Cobra's turf quality was judged superior to that of both Penncross and Penneagle.

On a golf green built to USGA specifications at Griffin, Georgia Cobra's color was rated superior to that of Penncross in March, May, August and October and better than Penneagle's color in March, August and October.

The North Carolina trials also showed Cobra to be superior to Penncross in dry root weight and to have better resistance to dollar spot.

Very fine textured, heat, cold, disease and drought tolerant, Cobra is the creeping bent-grass of the future.



"Seed - the Gift of Life"

 **INTERNATIONAL SEEDS, INC.**

P.O. Box 168 • Halsey, Oregon 97348 • Tel: (503) 369-2251 • Toll Free 1-800-445-2251 • TWX 910/240-5575

Circle No. 801 on Reader Inquiry Card

**MEAN TURFGRASS RATINGS
OF COMMERCIALLY-AVAILABLE TALL FESCUE VARIETIES**

Variety	Stillwater, OK-1	Marysville, OH-2	Corvallis, OR-2	Kingston, RI-1	Dallas-a TX-1
Adventure	5.5	6.9	5.7	6.5	6.3
Amigo	5.5	6.1	5.6	6.5	6.0
Apache	5.9	6.7	6.0	6.3	5.7
Arid	5.9	6.2	5.6	6.5	5.7
Aztec	6.0	5.7	5.3	6.1	6.3
Barnone	5.3	6.3	5.4	5.9	6.3
Bonanza	5.9	7.2	5.5	6.6	6.3
Carefree	5.5	6.0	5.6	5.8	4.3
Chieftain	6.1	6.9	5.8	6.8	5.7
Cimarron	5.5	7.0	5.2	6.5	5.7
Eldorado	5.5	5.7	5.6	5.8	4.7
Emperor	5.0	5.0	5.0	5.8	5.0
Falcon	5.8	6.8	5.8	6.4	6.0
Finelawn I	5.9	6.8	5.9	6.5	5.0
Finalawn 5GL	6.0	7.1	5.8	6.0	6.3
Jaguar	6.4	7.1	5.9	6.8	5.0
Jaguar II	6.0	5.8	5.8	6.6	3.3
Ky-31	6.0	6.6	5.3	5.5	5.3
Legend	5.7	5.9	5.8	5.6	5.7
Mesa	6.0	6.7	5.7	6.6	5.3
Monarch	5.6	5.7	5.6	6.9	5.0
Murietta	5.3	5.7	5.7	5.9	5.7
Olympic	6.0	6.8	6.1	6.6	5.0
Pacer	5.8	6.0	5.5	5.9	5.7
Rebel	5.6	6.3	5.9	6.6	5.0
Rebel II	6.0	7.0	5.6	7.0	4.0
Richmond	5.3	5.7	5.5	5.8	4.3
Silverado	5.5	5.6	5.4	6.2	5.3
Sundance	5.8	6.7	5.7	6.5	4.7
Taurus	5.4	6.7	5.4	5.8	5.3
Thoroughbred	6.0	6.8	6.0	6.9	3.3
Tip	6.2	6.2	5.6	5.7	5.3
Titan	6.6	7.0	5.4	6.5	5.7
Trailblazer	5.9	6.4	6.3	5.7	6.7
Tribute	5.8	6.4	5.6	6.7	5.3
Trident	5.4	6.6	5.4	5.7	5.3
Willamette	5.2	7.0	5.7	5.3	5.7
Winchester	5.7	5.9	5.5	6.7	5.7
Wrangler	6.1	6.3	6.0	6.1	5.3
LSD value	0.8	1.0	0.5	0.9	1.8

Tomorrow is Today at TMI



Years of trials and research are necessary to develop new turf and forage varieties which keep pace with the ever changing needs of the consuming public.

That is why TMI is developing Today varieties that will carry us into the 1990's. From international sources and from some of the nation's finest universities, TMI is constantly searching for improvements to our proprietary program.

Perennial Ryegrasses

Aquarius • Pennfine • Allaire
• Manhattan II • Rodeo •
Patriot • Laredo • Stallion •
V.I.P. Blends • Spectrum Blends

Kentucky Bluegrasses

Gnome • Merit • Tendos •
Twilight • Rugby • True Blue

Turf Type Tall Fescues

Wrangler • Aztec • Taurus
• Sundance • Turf Gem II •
Brookston

Dwarf Fescues

Bonsai • Turf Mates



TMI's New Office/Research Facility EST. 1987



A Division of Stanford Seed

TURF MERCHANTS

3390 Tangent Loop Road • Tangent, OR 97389 • (503) 926-8649

FAX: 503-926-4435 • (Outside Oregon) (800) 421-1735 Circle No. 815 on Reader Inquiry Card



Part 5

1988 DATA

**MEAN TURFGRASS RATINGS
OF COMMERCIALLY-AVAILABLE TALL FESCUE VARIETIES**

Variety	Beltsville-6 UB-1	Blacksburg, VA-1	Richmond, VA-3	Ritzville, WA-4	Mean scores
Adventure	6.4	5.6	5.3	5.7	5.7
Amigo	6.9	5.9	4.8	6.7	6.1
Apache	6.4	6.0	5.1	7.0	5.8
Arid	6.4	5.7	5.5	5.0	5.7
Aztec	7.0	6.0	5.2	6.0	6.1
Barnone	6.6	6.0	5.1	5.3	5.7
Bonanza	6.6	6.2	5.2	5.7	6.0
Carefree	6.4	5.9	4.9	6.0	5.7
Chieftain	6.6	6.0	4.7	6.0	5.9
Cimarron	6.6	6.0	5.4	5.7	5.9
Eldorado	6.5	5.7	5.0	5.0	5.8
Emperor	6.5	5.3	5.4	5.0	5.4
Falcon	6.3	5.8	5.8	4.7	5.5
Finelawn I	6.3	5.6	5.0	4.3	5.4
Finelawn 5GL	6.4	6.0	5.8	6.0	5.8
Jaguar	6.4	5.9	4.8	5.3	5.7
Jaguar II	6.5	6.2	5.6	5.3	5.8
Ky-31	5.1	5.3	5.3	3.0	4.9
Legend	6.8	5.5	4.9	5.0	5.6
Mesa	6.7	6.1	5.3	5.7	5.9
Monarch	6.6	6.2	5.3	5.3	6.0
Murietta	6.3	5.5	4.7	6.3	5.6
Olympic	6.6	5.9	5.2	6.0	5.9
Pacer	6.3	5.3	5.3	6.0	5.5
Rebel	6.2	5.8	4.9	5.0	5.6
Rebel II	6.7	6.2	5.3	6.0	5.9
Richmond	6.0	6.0	5.2	5.0	5.3
Silverado	6.8	6.0	5.1	5.7	5.7
Sundance	6.6	5.9	5.8	5.3	5.7
Taurus	6.6	5.8	5.7	6.7	5.8
Thoroughbred	6.6	6.1	5.1	6.7	5.9
Tip	6.2	5.4	5.0	5.0	5.3
Titan	6.4	6.0	5.5	5.7	5.8
Traiblazer	6.6	5.5	4.8	6.7	5.9
Tribute	6.7	6.2	5.3	6.3	5.9
Trident	6.7	5.4	4.9	5.7	5.6
Willamette	6.0	5.5	5.0	6.0	5.4
Winchester	6.4	5.8	5.6	5.3	5.8
Wrangler	6.8	6.3	5.2	4.3	5.8
LSD value	0.5	0.5	0.9	1.8	0.2

a- high mowing

b- medium maintenance

Lean, green low-thirst machine.

Again rated #1
in National Turf Grass
Evaluation programs.



Arid's finer leaves, rich dark-green color, lower growth and deep roots create an attractive turf requiring less maintenance. Deep roots enable Arid to better withstand temperature extremes—cold winters and hot summers. Arid is an excellent choice for humid transition zones. It has improved drought and heat tolerance and requires less water. Arid's low-growth characteristics mean less mowing.

Order Arid from your
seed wholesaler or sod distributor.

Another fine, quality controlled
product of

Jacklin[®] Seed Company

Arid
TURF TYPE TALL FESCUE

Part 1.

1987 DATA

TURFGRASS QUALITY RATINGS OF COMMERCIALLY AVAILABLE KENTUCKY BLUEGRASS VARIETIES

Variety	Riverside, CA-3	Wichita, KS-2	Silver Spring, MD-1	Columbia, MO-1	Lincoln, NE-1
A-34	5.7	7.4	6.7	6.4	6.1
Abbey	5.7	7.1	6.6	6.2	5.8
Able I	4.3	6.6	6.1	6.6	5.3
Amazon	4.0	6.9	5.9	6.2	4.7
America	4.4	7.3	5.6	6.9	5.8
Aquila	5.4	5.9	6.8	6.6	6.6
Aspen	4.8	7.1	6.3	6.4	6.0
Baron	4.7	7.5	5.1	6.7	5.7
Blacksburg	4.9	8.1	7.0	6.3	5.2
Bristol	5.2	7.5	5.8	7.0	5.8
Challenger	5.6	7.9	5.0	6.9	5.5
Chateau	5.2	7.4	5.2	6.1	5.6
Cheri	5.1	7.6	5.3	7.0	5.8
Classic	5.5	7.2	6.4	6.5	5.5
Coventry	5.1	7.2	5.4	6.6	6.0
Cynthia	5.1	6.7	6.0	6.7	6.0
Dawn	5.6	7.4	5.6	6.3	5.3
Destiny	5.0	7.2	4.9	6.3	5.8
Eclipse	4.2	7.8	5.6	6.5	5.5
Estate	5.0	7.0	5.6	6.6	5.0
Freedom	5.4	7.1	6.0	6.4	5.6
Georgetown	5.3	7.0	6.0	6.4	5.8
Glade	5.3	7.7	5.8	6.2	5.8
Gnome	3.8	6.9	3.8	6.8	5.3
Haga	5.3	7.1	6.0	6.2	6.0
Harmony	5.3	7.3	5.1	6.8	6.0
Huntsville	5.1	6.3	4.6	6.5	5.9
Ikone	5.0	7.3	5.6	6.8	5.1
Joy	4.7	6.1	4.8	6.3	5.1
Julia	4.8	6.7	4.1	6.1	5.0
Kenblue	4.7	4.8	5.9	6.5	5.5
Liberty	5.4	7.1	6.4	6.5	6.1
Merion	4.0	7.0	4.6	6.0	5.7
Merit	5.6	7.4	5.9	6.5	6.0
Midnight	5.4	8.5	7.4	6.0	6.0
Monopoly	5.2	6.5	5.2	6.4	5.1
Mystic	4.3	6.2	6.4	6.5	5.4
Nassau	5.3	7.7	6.1	6.4	5.3
Parade	5.5	7.3	5.9	6.5	5.9
Princeton 104	5.1	8.3	6.4	6.4	5.8
Ram I	5.3	6.5	5.7	6.1	6.0
Rugby	6.1	7.0	6.7	6.4	6.3
S.D. Certified	5.1	5.4	5.6	6.2	5.3
Somerset	5.1	7.0	4.2	6.3	5.8
Sydsport	5.4	7.5	4.9	6.9	5.3
Tendos	5.9	7.0	4.7	6.6	5.7
Trenton	5.8	6.9	6.3	7.2	5.3
Victa	5.3	7.5	6.0	6.4	4.8
Wabash	5.3	6.7	4.8	6.4	4.5
Welcome	5.3	6.7	5.0	6.8	4.9
LSD value	1.0	0.7	1.9	0.8	0.9

LANDSCAPE *Guide* MANAGEMENT

Part 2.

1987 DATA

TURFGRASS QUALITY RATINGS OF COMMERCIALLY AVAILABLE KENTUCKY BLUEGRASS VARIETIES

Variety	Columbus, OH-1	Kingston, RI-1	Blacksburg, VA-1	Pullman, WA-1	Mean score
A-34	6.7	5.7	4.4	5.7	5.9
Abbey	5.8	5.3	5.2	7.0	5.7
Able I	5.9	5.3	4.4	6.7	5.7
Amazon	6.4	5.7	4.4	6.0	5.5
America	6.8	5.6	4.8	6.7	5.9
Aquila	5.7	5.4	4.1	6.7	5.6
Aspen	5.8	5.5	4.0	6.0	5.7
Baron	6.0	4.3	4.6	7.0	5.6
Blacksburg	6.8	6.3	4.6	8.0	6.4
Bristol	6.7	6.2	4.4	6.7	6.0
Callenger	6.4	5.9	4.3	6.3	5.9
Chateau	6.8	5.9	5.0	7.0	5.8
Cheri	6.3	5.6	4.6	6.3	5.7
Classic	6.0	5.3	4.2	6.3	5.8
Coventry	6.6	5.3	5.0	6.0	5.8
Cynthia	5.9	5.3	4.2	6.0	5.7
Dawn	6.2	5.9	4.1	7.0	5.7
Destiny	6.0	5.8	4.8	6.7	5.5
Eclipse	6.1	5.8	5.2	7.0	5.9
Estate	6.6	5.8	4.7	5.7	5.9
Freedom	5.8	6.0	4.6	6.3	5.8
Georgetown	5.9	4.6	4.5	6.3	5.6
Glade	6.6	5.7	4.8	7.3	5.8
Gnome	5.4	4.5	4.7	6.7	5.3
Haga	6.2	5.0	5.0	6.7	5.8
Harmony	6.2	5.5	4.4	7.3	5.4
Huntsville	5.6	5.0	4.2	6.3	5.1
Ikone	6.6	5.2	4.7	7.0	5.7
Joy	5.0	4.2	4.2	6.0	4.7
Julia	6.4	5.8	4.7	7.3	5.8
Kenblue	4.8	4.7	3.7	6.0	4.7
Liberty	5.9	5.7	4.5	6.3	5.7
Merion	5.9	4.9	4.3	6.0	5.4
Merit	6.2	5.2	4.6	6.7	5.6
Midnight	6.8	6.1	4.7	8.0	6.3
Monopoly	5.1	5.1	4.9	5.3	5.5
Mystic	6.4	4.9	3.4	6.3	5.4
Nassau	6.4	5.3	4.7	6.3	5.7
Parade	5.6	5.6	3.8	6.3	5.7
Princeton 104	7.1	5.3	4.9	7.0	6.2
Ram I	6.6	4.8	4.8	7.0	5.6
Rugby	6.0	5.7	4.4	7.0	5.8
S.D. Certified	5.4	5.0	4.1	5.7	4.6
Somerset	6.1	5.0	4.6	6.7	5.6
Sydsport	6.6	4.6	5.3	7.7	5.8
Tendos	6.1	5.4	4.8	7.0	5.7
Trenton	5.9	5.9	4.6	6.3	5.9
Victa	6.3	4.8	5.2	7.7	5.7
Wabash	5.9	6.0	4.1	6.0	5.4
Welcome	6.3	6.0	4.5	6.7	5.5
LSD value	1.0	1.0	0.8	1.1	0.2

LANDSCAPE *Guide* MANAGEMENT

Part 1.

1988 DATA

MEAN TURFGRASS RATINGS FROM NATIONAL PERENNIAL RYEGRASS TEST

Variety	Washington, DC-1	Post Falls, ID-2	W. Lafayette, IN-1	Amherst, MA-1	E. Lansing, MI-1
Allaire	4.9	4.9	6.8	4.7	6.6
Aquarius	2.9	2.9	6.9	4.9	5.8
Barry	2.2	4.4	6.2	5.0	6.2
Belle	3.9	5.5	6.7	5.1	6.0
Birdie II	4.7	5.1	6.7	4.8	5.9
Blazer II	4.5	6.7	6.7	5.2	6.4
Caliente	5.1	4.8	6.5	5.3	5.6
Charger	4.2	6.5	7.0	4.8	6.2
Citation II	2.3	5.0	7.0	5.1	6.1
Commander	5.4	5.3	7.0	5.0	6.2
Competitor	5.1	4.9	6.7	5.2	6.1
Cowboy	2.8	5.2	6.6	4.9	5.4
Dasher II	2.9	5.3	7.1	4.8	6.2
Delray	2.5	5.3	6.8	5.4	5.3
Derby	3.8	5.1	6.8	5.2	5.8
Dillion	4.2	3.7	6.6	5.0	5.8
Diplomat	5.1	5.0	6.8	4.9	5.6
Fiesta II	4.1	6.1	7.2	5.3	6.0
Gator	5.1	5.5	6.5	5.0	6.0
Goalie	4.6	6.2	6.8	5.1	5.9
Lindsay	4.1	4.9	6.9	5.2	6.4
Linn	1.8	2.6	5.6	4.3	3.8
Manhattan	4.6	4.3	6.7	4.8	6.2
Manhattan II	4.3	5.6	7.0	4.8	6.3
Omega II	2.6	5.9	6.7	4.9	5.9
Ovation	3.7	4.9	6.8	5.1	5.8
Palmer	5.9	5.7	7.0	5.3	5.9
Patriot	4.2	4.9	6.8	4.8	5.6
Pennant	4.4	5.4	7.0	5.2	6.3
Pennfine	4.2	5.1	6.7	5.3	5.6
Prelude	5.6	5.4	6.7	5.1	5.9
Ranger	4.9	4.9	6.7	5.3	5.6
Regal	3.7	5.3	6.6	4.9	5.5
Regency	3.7	5.1	6.7	4.8	5.8
Repell	5.6	5.2	7.2	5.1	6.6
Riviera	3.8	5.5	6.7	5.0	6.3
Rodeo	4.1	6.0	7.0	5.3	6.3
Saturn	4.7	6.9	7.2	4.8	6.8
SR 4000	3.8	5.4	7.1	5.1	6.3
SR 4031	2.2	4.9	6.9	5.1	6.0
SR 4100	3.7	5.7	7.1	5.3	6.6
Tara	3.7	6.8	7.0	5.0	6.6
Vintage 2DF	4.2	3.7	6.4	4.8	5.6
Yorktown II	4.6	5.2	6.7	4.8	5.8
246	3.1	4.9	6.7	5.0	5.8
LSD value	1.9	1.0	0.5	0.4	0.8