

# Colorize Your Landscape



Deep, Dark, lush, vibrant, greens, the finest texture...TMI has the turf grass varieties that will liven up your landscape. In fact, in a recent national turf trial, TMI had the #1 varieties for both dark color and fine texture.

Years of trials and research have developed turf varieties that require less fertilizer, produce less clippings, have endophytes for insect resistance, and because of extensive root systems, require less water.

On your next landscape project, specify the turf grass varieties that will give your lawn an improved appearance with less care...the top turf grass varieties from Turf Merchants.



## TURF MERCHANTS

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Use this handy guide to order Turf-Seed varieties developed and produced for turfgrass professionals like yourself



# TURF-SEED

PO BOX 250 • HUBBARD, OR 97032 • 503-981-9571 • FAX 503-981-5626

Species	Variety	Seeding rate 1000/sq. ft.	Nitrogen req'ment	Drought tolerance
Turf-Type Kentucky Blue	<b>Challenger</b> <b>Columbia</b> <b>Blacksburg</b>	<b>Midnight</b> <b>Galaxy blend</b>	2-3 lbs.	Medium Good
Common Ky.	<b>Voyager</b>		2-3 lbs. Low to Medium	Very good
Turf-Type Perennial Ryegrass	<b>Birdie II</b> <b>Charger</b> <b>Citation II</b> <b>Manhattan II</b> <b>Omega II</b>	<b>Remington</b> <b>Saturn</b> <b>Alliance blend</b> <b>CBS II blend</b> <b>246</b>	4-5 lbs.	Medium to high Very good
Hard Fescue	<b>Aurora</b>		3-4 lbs. Low	Very good
Chewings Fescue	<b>Shadow</b>		4 lbs. Low	Good
Sheeps Fescue	<b>Bighorn</b>		4 lbs. Low	Very good
Creeping Fescue	<b>Flyer</b> <b>Fortress</b> <b>Shademaster</b>		4 lbs. Low	Good
Tall Fescue	<b>Apache</b> <b>Bonanza</b> <b>Eldorado</b> <b>Monarch</b> <b>Murietta</b>	<b>Olympic</b> <b>Silverado</b> <b>Triathalawn</b> <b>blend</b>	6-10 lbs. Medium	Excellent
Creeping Bentgrass	<b>Penncross</b> <b>Penneagle</b> <b>PennLinks</b>		1 lb. Low to medium	Fair
Creeping Bentgrass Blend	<b>Pennway</b> <b>PennTrio</b>		1 lb. Low to medium	Fair

Note: These are generalizations. For specific information, call or write Turf-Seed for tech sheets on particular varieties.

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Call toll-free  
to order

Home lawns; North  
Athletic fields; Parks, Home lawns; Trans. Zone  
Parks, Home lawns; South/O'seed dorn. bermuda  
Baseball fields; North  
Croquet, tournament, Lawn bowls, Bocce, North  
Football, Soccer, LaCrosse fields; North  
Golf course fairways; North  
Golf greens; North & Transition  
Golf greens, Southern overseeding  
Golf course roughs; North  
Golf course tees; North  
Tennis fields; North  
Volleyball, Badminton; North

*	*	*	*	*	*	*	*	*	*	*	*	*	Shade tolerance	Cold tolerance
2	3	1	3	1	2	X	3	2	2	1	3	1	Fair to good	Very good
2	3	2	X	2	3	X	X	1	X	1	X	2	Fair	Very good
2	1	1	1	1	1	3	1	2	1	1	1	1	Fair to good	Fair to good
3	X	3	X	3	X	X	X	1	X	X	X	3	Very good	Very good
X	2	3	2	3	2	3	2	1	3	2	3	2	Very good	Very good
3	X	3	X	3	X	X	X	1	X	X	X	3	Very good	Very good
3	3	3	X	3	3	X	3	1	X	3	X	X	Very good	Very good
1	3	1	X	1	X	X	X	1	X	1	X	3	Good	Good
X	X	X	1	X	1	1	1	X	1	X	1	X	Fair	Excellent
X	X	X	X	X	1	X	1	X	X	X	X	X	Fair	Excellent

= Excellent in blends or mixtures      2 = Good in blends & mixtures

= Fair. Use only in mixture      X = Not recommended for sports turf

**TALL FESCUE** *continued***Cool-Season Areas**

Long Island, NY LSD = 0.8	Post Falls, ID LSD = 0.9	Hubbard 87 LSD = 0.6
5.9 Hubbard 87	7.8 Shenandoah	7.1 Hubbard 87
5.7 Cochise	7.7 Cochise	6.9 Guardian
5.5 Amigo	Mesa	6.8 Avanti
5.4 Eldorado	7.6 Hubbard 87	Silverado
Chieftain	Amigo	6.6 Shenandoah
5.3 Guardian	Phoenix	Monarch
Phoenix	7.4 Guardian	Wrangler
5.2 Crossfire	Wrangler	6.5 Cochise
Wrangler	7.3 Crossfire	Aztec
5.1 Avanti	Thoroughbred	Olympic II
Rebel II	Chieftain	Shortstop
Olympic II	Bonanza	Trailblazer
Jaguar II	Jaguar	6.4 Crossfire
Legend	7.2 Aztec	Amigo
Cimarron	Rebel II	Chieftain
Arid	Carefree	

**Warm-Season Areas**

Santa Ana, CA LSD = 0.2	Griffin, GA LSD = 0.7	Dallas, TX LSD = 0.9
6.2 Rebel II	7.7 Crossfire	(high mowing)
6.1 Hubbard 87	Olympic II	5.1 Taurus
Guardian	7.6 Avanti	Twilight
Shenandoah	Cochise	5.0 Crossfire
Crossfire	Monarch	Trailblazer
Avanti	Phoenix	4.9 Olympic II
Amigo	7.5 Guardian	Rebel
Aztec	Tribute	4.8 Hubbard 87
Monarch	Jaguar II	Amigo
Tribute	Mesa	Rebel II
Phoenix	7.3 Hubbard 87	Trident
Olympic II	Aztec	4.7 Apache
Wrangler	Rebel II	Jaguar
Silverado	Jaguar	Jaguar II
Legend	Titan	Barnone
Jaguar		
Murietta		



## Your Source for the Turfgrasses of the 1990's!

**BONANZA**  
TALL FESCUE TURF TYPE

### Still the Tall Fescue of Choice Among Discriminating Turfgrass Users!

A proven performer on home lawns, sod farms, athletic fields or wherever attractive, tough, reduced maintenance turf is required. With its exceptional dark green color, heat and drought tolerance and disease resistance, BONANZA is a year in, year out performer. BONANZA sets a standard by which others are compared.

**Vantage**  
PERENNIAL RYEGRASS

### Beauty and Durability for a Superior View!

All the outstanding qualities you expect from a premium perennial ryegrass plus unexcelled resistance to stem rust. Used alone or in combination with other ryegrasses, bluegrasses or fine fescues, VANTAGE is a solid performer with a wide range of uses and areas of adaptation.

Our commitment to research and production are your assurance that Proprietary Seeds' turfgrass varieties will be among the industry leaders. Call 1-800-228-4119 for our distributor nearest you.



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**CREW-CUT**  
Tall Fescue "Dwarf Type"

### The Reduced Maintenance Approach to a Well-Groomed Lawn

When you want all the advantages of a tall fescue but want improved aesthetic qualities, CREW-CUT tall fescue "dwarf type" is the answer. The deep green color and high leaf density of CREW-CUT combine for a thick, luxurious turf with all the hardy characteristics that have made turf-type tall fescues the fastest growing segment of the turfgrass market.

**magnum**  
BRAND  
Perennial Ryegrass Mixture

MAGNUM BRAND is a blend of elite perennial ryegrasses, including VANTAGE, which offer the genetic diversity only available in a blend. Ideal for winter overseeding in warm climates, or permanent lawns in more temperate regions, MAGNUM BRAND offers tremendous diversity and performance.

## TALL FESCUE *continued*

### Transition Zone

Urbana, IL LSD = 0.9	Fayetteville, AR LSD = 1.2	Santa Clara, CA LSD = 0.5
7.8 Shenandoah 7.7 Cochise Mesa 7.6 Hubbard 87 Amigo Phoenix 7.4 Guardian Wrangler 7.3 Crossfire Thoroughbred Chieftain Bonanza Jaguar 7.2 Aztec Rebel II Carefree	6.8 Crossfire 6.7 Guardian 6.4 Twilight 6.3 Cochise Arid 6.2 Amigo 6.1 Apache 6.0 Shenandoah 5.9 Olympic II 5.8 Monarch Rebel 5.7 Thoroughbred Olympic	7.2 Murietta 7.0 Shenandoah Silverado 6.9 Hubbard 87 Monarch 6.8 Guardian Aztec Wrangler 6.7 Crossfire Amigo Olympic II Traiblazer Barnone
St. Louis, MO LSD = 0.6		
8.0 Twilight 7.0 Hubbard 87 6.9 Shenandoah Cochise 6.8 Guardian 6.7 Legend 6.6 Avanti Bonanza 6.5 Crossfire Eldorado Thoroughbred Mesa 6.4 Aztec Wrangler Jaguar Sundance		

# We could say a lot about

# New



## Drought-Tolerant Dwarf Tall Fescue from **Warren's**® Turf Professionals

### .. but this says it all!

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS AT THIRTY-SEVEN LOCATIONS IN THE UNITED STATES 1989 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

	AR1	AZ1	CA1	CA2	CA3	GA1	IA1	ID2	IL1	IN1	IN2	KS1	KS2	MD1	VA4	WA4	MEAN
*HUBBARD B7	5.1	5.9	6.9	6.1	6.9	7.3	6.9	6.6	7.5	7.6	4.7	7.5	7.4	6.8	6.3	7.3	6.4
*PICK B4SPS	6.7	5.8	6.8	6.1	6.9	7.5	6.7	6.6	7.4	7.2	4.4	7.5	7.6	6.6	6.3	7.0	6.3
*PE-73	6.0	5.9	7.0	6.1	6.9	6.9	7.0	6.8	7.8	7.1	4.7	7.3	7.7	6.7	6.6	6.0	6.0
*PICK TF9	6.8	5.6	6.7	6.1	6.9	7.7	5.9	6.8	7.3	6.8	4.3	7.7	8.0	6.3	5.9	5.3	5.3
*AVANTI	4.5	5.8	6.6	6.1	6.9	7.6	6.2	6.5	7.0	6.7	4.4	8.0	7.6	6.4	6.2	6.3	6.1

\* COMMERCIALY AVAILABLE VARIETY

NOTE: Warren's new AVANTI ranked 5th for overall turfgrass quality among 65 cultivars tested in the 1989 National Turfgrass Grass Trials Report.

**AVANTI, the turfgrass of tomorrow\* is available from Warren's today**

- Faster fill-in after germination.
- Earlier, fuller turf formation
- Finer leaf structure.
- Lower growth habit.
- Excellent 'bright' dark-green color that rivals Bluegrass!

plus . . .

- Less watering!                      More uniform density!
- Less fertilizing!                      More root development!
- Less mowing!                      More drought tolerance!
- Less summer stress!                      More shade and wear tolerance!

Please note: More than half of this year's AVANTI seed production has already been reserved by Premium Sod Growers, Seed Blenders, and Professional Landscapers. We urge you to contact your seed dealer to place your orders as soon as possible.

For information, call 1 800 828-8873 Toll Free. (8 am to 4 pm Pacific Coast Time).

# Warren's®

## TURF PROFESSIONALS

SEED & SPECIAL PRODUCTS DIVISION  
Suisun City, California 94585

Corporate Headquarters Crystal Lake, Illinois 60014

\* AVANTI Premium Dwarf Tall Fescue seed will be available for shipment, beginning in late August, 1990. This is the same premium AVANTI seed that Warren's uses to grow new AVANTI at its own sod production facilities across the U.S.

MEAN TURFGRASS RATINGS OF  
COMMERCIALY -AVAILABLE

# PERENNIAL RYEGRASS

National Averages LSD = 0.2

6.4 Saturn	
6.3 SR 4100	
6.2 Pennant SR 4000 Dimension	Manhattan II w/endophyte Commander
6.1 Palmer Pick 715 Riviera Charger	Dasher II Fiesta II Repell
6.0 Blazer Omega II	Goalie
5.9 Manhattan II Citation II Caliente Prelude PSU-333	Birdie II Competitor Gator Allaire



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**TRIPLE PLAY**

ELITE  
PERENNIAL RYEGRASS BLEND

**Stallion**  
TURF TYPE  
PERENNIAL RYEGRASS

**SUNRISE**

Two Forty Six  
TURF TYPE  
PERENNIAL RYEGRASS

PEBBLE BEACH  
Perennial Ryegrass

**Chateau**  
PREMIUM  
KENTUCKY BLUEGRASS

**CHEYENNE**  
TURF TYPE  
BERMUDAGRASS

**Finelawn 1**  
TURF TYPE TALL FESCUE

**Finelawn 5GL**  
TURF TYPE TALL FESCUE

**Wrangler**  
TURF-TYPE TALL FESCUE

**TRIAD**  
TURF TYPE TALL FESCUE BLEND

**PERFECTA**  
DURABLE TALL FESCUE MIXTURE

**HUNTSVILLE**  
KENTUCKY BLUEGRASS

**FLYER**  
CREEPING RED FESCUE

## RYEGRASS *continued*

### Cool-Season Areas

Columbia, MO LSD = 0.7	N. Brunswick, NJ LSD = 1:0	Carbondale, IL LSD = 1.5
7.5 SR 4100 7.3 Saturn Pennant Pick 715 7.2 Charger 7.1 Dasher II 7.0 Manhattan II w/endo Riviera 6.9 Commander Barrage 6.8 Goalie Regal	6.7 SR 4000 6.5 Dimension 6.4 Aquarius 6.3 SR 4100 Pick 715 6.2 Saturn Riviera 6.0 Pennant Manhattan II w/endo Dasher II Blazer II 5.9 Prelude Belle	7.9 SR 4100 7.7 Pennant Charger Goalie 7.6 Riviera 7.5 Saturn 7.4 PSU-333 7.3 SR 4000 Caliente 7.2 Commander Palmer
Ithaca, NY LSD = 0.7	Brookings, SD LSD = 0.5	Corvallis, OR LSD = 0.4
5.2 Pennant Fiesta II Barcredo 5.1 SR 4100 Dasher II Omega II 5.0 SR 4000 Manhattan II Rodeo 4.9 Manhattan II w/endo Dimension Repell PSU-333 Competitor Gator Lindsay Tara Rival Pennfine Nova	7.2 Fiesta II Aquarius 7.1 Belle Barcredo 7.0 SR 4000 Charger Competitor Ovation 6.9 Commander Riviera Blazer II Goalie Lindsay Runaway Pennfine Derby Brenda Yorktown II Diplomat	7.4 Aquarius 6.9 Manhattan II w/endo Dimension Dasher II Fiesta II Repell Tara 6.8 SR 4000 Riviera Charger Blazer II Omega II Manhattan II Competitor Lindsay Rodeo