



Turfgrass Comparisons



KENTUCKY BLUEGRASS

- COOL SEASON
- RHIZOMATOUS
- GERMINATES IN 10-21 DAYS @ 60 DEGREES F.
- SEED AT 4 LBS PER 1,000 SQUARE FEET
- ROOT ZONE WITHIN THE TOP 10 INCHES
- TENDENCY TO GO DORMANT IN SUMMER
 - NEW VARIETIES HAVE BETTER HEAT/DROUGHT TOLERANCE
- USED FOR SPORTS FIELDS, HOME LAWNS, ETC
- IMPROVED VARIETIES TOLERATE MOWING DOWN TO 1/2 INCH
- FAIR SHADE TOLERANCE
- NEWER VARIETIES HAVE IMPROVED DISEASE RESISTANCE

PERENNIAL RYEGRASS

- COOL SEASON
- BUNCH-TYPE GRASS
- GERMINATES IN 4-7 DAYS @ 50 DEGREES F.
- SEED AT 5-7 LBS PER 1,000 SQUARE FEET
- ROOT DEPTH TO 2-3 FEET
- GOOD MIXER WITH KENTUCKY BLUE AS A NURSE CROP
- USED FOR “QUICK GREEN” COVER, NURSE CROP
 - USED HEAVILY IN SPORTS FIELDS, HOME LAWNS
- IMPROVED VARIETIES HAVE BETTER DISEASE RESISTANCE
 - I.E. GREY LEAF SPOT
- GOOD TRAFFIC TOLERANCE
- GOOD SHADE TOLERANCE

TURF TYPE TALL FESCUE

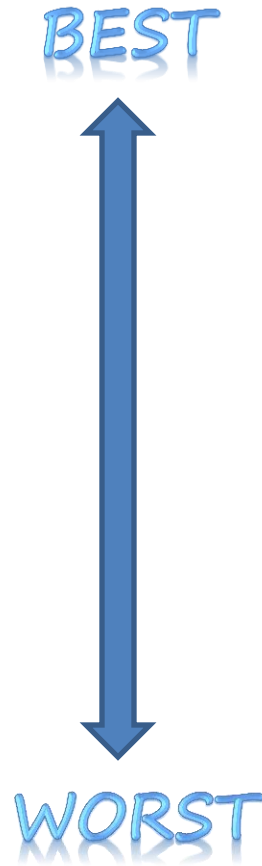
- COOL SEASON
- PRIMARILY A BUNCH-TYPE GRASS
 - SOME VARIETIES DISPLAY SOME LATERAL MOVEMENT
- GERMINATES IN 5-7 DAYS @ 55 DEGREES F.
- SEED AT 8-10 LBS PER 1,000 SQUARE FEET
- ROOTS TO 4-5 FEET
 - DROUGHT AVOIDANCE
- USED FOR HOME LAWNS, SPORT FIELDS, PARKS, ETC.
- IMPROVED VARIETIES HAVE BETTER BROWN PATCH RESISTANCE
- EXCELLENT WEAR TOLERANCE, POOR RECUPERATIVE QUALITY
- EXCELLENT SHADE TOLERANCE

BUFFALO-GRASS

- **WARM SEASON**
- **STOLONIFEROUS**
 - **ABOVE-GROUND SCALY STEMS WITH NODES**
- **GERMINATION IN 21-28 DAYS @ 65 DEGREES F.**
- **SEED AT 3-4 PER 1,000 SQUARE FEET**
- **PLUGS ARE AVAILABLE**
- **VERY DEEP ROOT SYSTEM**
 - **MAKING IT VERY DROUGHT TOLERANT**
- **VERY HEAT TOLERANT AND DISEASE RESISTANT**
- **POOR SHADE TOLERANCE**
- **FAIR TRAFFIC TOLERANCE**
- **VERY LOW MAINTENANCE**

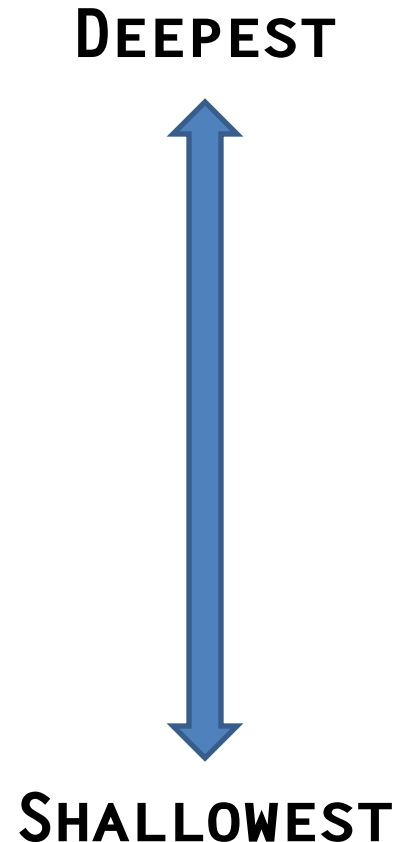
TRAFFIC TOLERANCE

BERMUDAGRASS
PERENNIAL RYEGRASS
ZOYSIAGRASS
KENTUCKY BLUEGRASS
TALL FESCUE
BUFFALOGRASS
FINE FESCUE
CREEPING BENTGRASS



RELATIVE ROOTING DEPTH

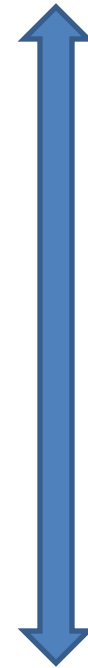
BUFFALOGRASS
TALL FESCUE
BERMUDAGRASS
ZOYSIAGRASS
PERENNIAL RYEGRASS
KENTUCKY BLUEGRASS
CREEPING BENTGRASS



HIGH TEMPERATURE TOLERANCE

BUFFALOGRASS
BERMUDAGRASS
ZOYSIAGRASS
TALL FESCUE
KENTUCKY BLUEGRASS
PERENNIAL RYEGRASS
CREEPING BENTGRASS

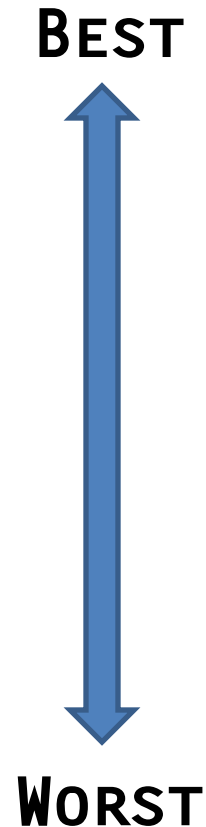
BEST



WORST

DROUGHT TOLERANCE

BUFFALOGRASS
BERMUDAGRASS
ZOYSIAGRASS
TALL FESCUE
KENTUCKY BLUEGRASS
PERENNIAL RYEGRASS
CREEPING BENTGRASS



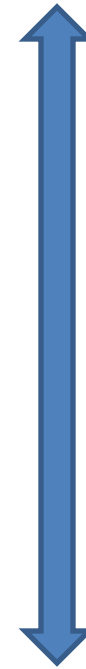
EVAPOTRANSPIRATION RATES

<i>COMMON NAME</i>	<i>MM/DAY</i>	<i>INCHES/WEEK</i>
TALL FESCUE	7-13	2.0-3.6
PERENNIAL RYEGRASS	6-11	1.7-3.1
CREEPING BENTGRASS	6-10	1.7-2.8
BERMUDAGRASS	5-9	1.4-2.5
ZOYSIAGRASS	5-9	1.4-2.5
KENTUCKY BLUEGRASS	4-6	1.0-1.7
BUFFALOGRASS	3-5	0.8-1.4

SHADE TOLERANCE

FINE FESCUE
TALL FESCUE
CREEPING BENTGRASS
PERENNIAL RYEGRASS
ZOYSIAGRASS
KENTUCKY BLUEGRASS
BUFFALOGRASS
BERMUDAGRASS

BEST



WORST