

# SEED RESEARCH REPORTS

## SR 3100

### Hard Fescue

SR 3100 is the newest improvement in hard fescues. Selected for a dwarfer habit and darker green color it is a premium grass for both low maintenance sites and as part of a high quality lawn mix. In addition, SR 3100 contains very high levels of viable endophyte. The endophyte is a fungus that lives between the plant cells and provides SR 3100 with natural insect resistance and the ability to persist in adverse environmental conditions. SR 3100 is ideal for environmentally sensitive sites where chemical use is limited.

#### LOW MAINTENANCE

SR 3100 hard fescue is a versatile grass that will help reduce maintenance costs whether planted in a monostand or a mixture. Its dwarfer growth habit reduces the number and frequency of mowings and reduces clipping yields. In low maintenance areas it forms an attractive, dark green, dense turf requiring minimal water and fertilization in both sun and shade. This makes SR 3100 ideal for use on golf course slopes and bunkers as well as in parks, roadsides, and reclamation areas. It is also ideal for the homeowner who desires quality turf with reduced maintenance. In addition, SR 3100 can be blended with improved Kentucky bluegrasses, turf-type perennial ryegrasses, and Chewings fescues for a high quality lawn mixture.

#### ENDOPHYTE-ENHANCED

SR 3100 contains high levels of viable endophytes. The presence of these high levels provides many benefits that make SR 3100 particularly valuable for use in those sites where chemical applications are limited. The presence of the endophyte has been shown to provide resistance to a number of important turf insects including: billbugs, sod webworms, chinch bugs, and armyworms. In addition, endophyte-enhanced cultivars during high stress periods have demonstrated increased vigor, reduced weed invasion, rapid recovery from injury, improved persistence, greater density, and increased heat and drought tolerance. The presence of the endophyte makes SR 3100 even better adapted to the droughty, low maintenance sites where hard fescues are superior.

#### DISEASE RESISTANCE

SR 3100 has shown high resistance to many common turf diseases: leafspot, red thread, summer patch, pink patch, netblotch, powdery mildew, leaf rust, and dollar spot. This combination of disease and insect resistance contributes to its superior performance in the shade and makes SR 3100 perfect for environmentally sensitive areas where chemical applications may be limited.

#### OUTSTANDING TURF QUALITY

- Low growing, reduced mowings
- Very dark green color
- Dense, fine, attractive turf
- Excellent heat and drought tolerance
- Excellent shade tolerance
- Endophyte-enhanced, insect resistance
- Superior turf performance under adverse conditions
- Requires minimal fertilization

**PVP**

IMPROVEMENT THRU RESEARCH