



Blue-RRific Kentucky Bluegrass production field, LeGrande, Oregon.

EXPANDING THE *ESSENTIAL DISTINCTIONS*

ORIGIN AND BREEDING HISTORY OF BLUE-RRIFIC (109-1121) KENTUCKY BLUEGRASS

Blue-RRific (109-1121) Kentucky Bluegrass originated as a single apomictic hybrid resulting from the cross of IB7-66 open pollinated in a greenhouse in Oregon during the spring of 1998. IB7-66 traces to an open pollinated cross of H92-522 Kentucky Bluegrass which is a selection by Rutgers University out of a collection from Tennant, NJ. The first breeder seed was produced in the summer of 2000. This seed was used for turf trials, seed yield trials, and measurement data for Plant Variety Production.

After good test results were found, a Breeder seed nursery of 500 plants was established from seed during the fall of 2003. Breeder seed was subsequently harvested from this nursery and cleaned during the summers of 2004 and 2005. Any aberrant plants were removed prior to harvest. Blue-RRific is facultatively apomictic, with approximately 95% of its progeny appearing genetically identical to the maternal plant.

Blue-RRific has been observed to be stable and uniform for four years through Breeder, Foundation and Certified seed generations. Blue-RRific Kentucky Bluegrass has produced turf, seed and sod production field of good quality, acceptable uniformity and good stability.

The photo-chemical efficiency test and the antioxidant test were used in the development of
BLUE-RRIFIC KENTUCKY BLUEGRASS.



*A New Range
Of Possibilities.*

