

Endurance

Dactylis glomerata



Endurance is a true dual purpose orchard-grass, it excels at both grazing and harvested forage production.

Persistence

The germplasm used to develop Endurance was first selected for low cutting height. Plants were maintained at a 1.25 inch mowing height for three years. Survivors were then placed in a nursery and allowed to inter-pollinate. Seed was then sent to Dr. Joe Burton of the University of Georgia. After three years of intense grazing pressure, survivors were selected and sent to Oregon. This became the base population for Endurance.

The improved grazing tolerance has been demonstrated at university grazing trials in Georgia, Kentucky and Pennsylvania.

In addition to persistence under grazing, Endurance endures wide temperature extremes, from the winter cold of Canada, to the heat of the south. Endurance is registered in Canada.

Disease resistance is above average.

DM Yield

Unlike other grazing tolerant varieties, Endurance excels as a silage and hay type. It is consistently in the top group for DM yield, including trials in Tennessee, Virginia, Kentucky, Ohio, New York and British Columbia.

Maturity

In the DLF Forage maturity scale, which includes very late European genetics, Endurance is listed as a medium maturity. However when compared to US developed varieties, the maturity of Endurance is as late as Pennlate, Latar and Command. Endurance can successfully be matched with the maturity of alfalfa, to produce high quality dairy hay and silage.

Because of its unique development, Endurance has demonstrated a very broad range of adaptability.



GROWTH HABIT
Perennial Bunch

ESTAB. RATE
14-21 days

NITROGEN REQ.
Med-High 60-80 lbs/ac

ANEROBIC SOIL TOL.
Poor

pH RANGE
5.5-9

MINIMUM RAINFALL
>18 inches

DRY MATTER YIELD
4-6 tons

REGROWTH
Very good

PRIMARY UTILIZATION
Grazing, Silage & Hay

VEG REPRO TIL RATE
Medium

ENDOPHYTE
No

SEEDING RATE
15-25 lbs/ac pure stand
4-5 lbs/ac mixed with alfalfa