

# BARELITE

## SOFT LEAF TALL FESCUE

BARENBRUG

TALL FESCUE



NEW IMAGE NEEDED

BarElite is the latest release from the Barenbrug breeding program which is already well known for its soft leaf fescues. BarElite was selected in the US after multiple screening trials. It has a unique combination of high forage yield and remarkable fiber digestibility values. BarElite is ideal for producers who want to produce and utilize high Relative Feed Quality value forage. BarElite is a component of Barenbrug's STF-43 fescue blend and E2 blends with hybrid alfalfas. BarElite is late-heading, highly palatable, and produces leaves that are significantly softer, and contain a higher percentage of digestible dry matter with less lignin than other tall fescues. This makes BarElite ideal for both beef and dairy cattle, supporting high live weight gains and milk production.

- ▶ Perennial cool season forage grass
- ▶ High seedling vigor
- ▶ High yielding
- ▶ Late heading
- ▶ Softer leaves
- ▶ More palatable
- ▶ Higher digestibility
- ▶ Better rust resistance
- ▶ Winter-hardy
- ▶ Endophyte free



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### **ADAPTATION - CLIMATE**

Widely adapted cool season grass. In the transition zone, tall fescue is used extensively due to its superior summer production.

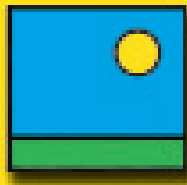
### **ADAPTATION - SOIL**

Drover is adapted to sandy loam to heavy fertile clay soils that retain some moisture with a 6.0-8.0 pH. Drover does not do well on sandy dry soils with low fertility.

 **BARENBRUG**

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### USES

BarElite ideal for both beef and dairy cattle, supporting high live weight gains and milk production. BarElite combines well with the larger leaf white clovers (Alice & Barblanca), red clovers (Freedom!, Freedom! MR, and Barduro), as well as alfalfa (Baralfa X42). It will not crowd out these legumes. BarElite legume mixtures can produce greater total yields than those from either component alone.

### ESTABLISHMENT

In order to realize the benefits of BarElite, it should be well managed. The recommended seeding rate is 20 pounds per acre into a well-prepared seedbed. Brillion seeders or broadcasting the seed followed by a cultipacker works best. If a regular drill is used, we suggest crossing the field twice, at an angle or seed at 6 inch row spacing. BarElite is well suited for both intensive grazing and cutting for hay or grass-silage. When used for pasture, plant 10-15 pounds of BarElite per acre with white and/or red clover is (2-3 pounds per acre of white clover, 8-10 pounds per acre of red clovers). Clovers produces nitrogen, increases herbage yield and improves forage quality. Surplus pasture growth can be conserved as hay or silage. For dedicated harvested forage applications, 10 pounds per acre of BarElite can be planted with 15 pounds of Baralfa x42 per acre.

### SEEDING RATE

Seeding rate: 20 lbs / acre

### MANAGEMENT

Careful stand management is essential for long term productivity. BarElite is a perennial bunch grass. A single shoot is produced from a single seed. As this shoot is bitten or clipped off, the plant sends up new shoots, or tillers, from buds at the base of the plant. As these new tillers are cut or grazed off, more tillers are formed creating an increasing larger bunch. This process continues until the spaces are filled, producing a dense, leafy stand. To maximize tiller growth during the first year, the height of the pasture should be maintained in the 3 to 10-inch range to allow maximum sunlight penetrations. Once the newly seeded plants are firmly rooted, they should be lightly grazed or machine mowed several times before heavy use to promote tillering. Under good growing conditions, this could be 6-7 weeks after a spring sowing or 10-12 weeks for an early autumn sowing. Defer making hay until late in the season of the first year. Once established, BarElite should be grazed starting at the 6-8 inch height, leaving a 3-inch residual, or machine harvested for hay or silage in the pre-boot stage. Graze or mow to keep the stand leafy and vegetative. Management should be aimed at maintaining a dense, leafy pasture cover.

### HIGH YIELD<sup>1</sup>

VARIETY	3 YEAR TOTAL YIELD
BARELITE	15.88
KENTUCKY 31 E-	15.46
JESUP MAX-Q	14.95
ADVANCE MAX-Q	13.42
LSD (0.05)	0.70

### SUPERIOR FORAGE QUALITY<sup>1</sup>

VARIETY	NIR PROTEIN	NIR ADF	NIR NDF	48 HR NDFD	30 HR NDFD
BARELITE	16.7	31.0	56.1	53.0	45.7
KENTUCKY 31 E+	15.5	32.0	58.1	50.0	43.2
KENTUCKY 31 E-	15.6	33.0	59.0	50.5	43.6
JESUP MAX-Q	15.0	32.7	59.2	50.1	43.2
ADVANCE MAX-Q	16.3	31.7	58.6	49.7	42.9

<sup>1</sup>Pennsylvania State University Trial, Rock Springs, Centre County, Russell El Larson Agricultural Research Center

### PALATABILITY TRIAL NAME, LOCATION, YEAR

VARIETY	PALATABILITY RATING*
BARELITE	6.2
BAROLEX	5.8
DULCIA	5.0
KENTUCKY 31 +ENDOPHYTE	4.6
JESSUP MAX-Q	4.6
LSD (0.05)	0.6

\*wording for star\*



### DISTRIBUTOR

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