

LAVINA BARLEY



Agronomic Traits

Yield Potential:	Excellent
Early Seedling Vigor:	Good
Growth Habit:	Upright with Large Leaf
Recovery After Cutting:	Fair
Maturity:	60 days
Uniformity:	Excellent
Leaf Type:	Course
Standability:	Excellent

Planting Rates

(Per Acre)	Irrigated	Dryland
Broadcast:	60-80 lbs.	48-55 lbs.
Average Seeds per Pound:	15,000	
Bag Weight:	50 lbs.	

Adaptation Ratings

Photosynthetic Type:	Cool Season
Soil Temperature:	Cool (45° F)
Water Requirement:	Low

Crop Use Information

Life Cycle:	Annual
Ease of Establishment:	Good
Shade Tolerance:	Fair
Drought Stress:	Excellent
Wet Soil:	Fair
Low pH Tolerance:	Moderate
Minimum pH:	6.0
Saline Soils (White Alkali):	Good
Saline – Sodic Soils (Black Alkali):	Fair
Hay:	Excellent
Silage:	Good
Continuous Grazing:	Good
Rotational Grazing:	Good
Palatability:	Excellent
Anti-Quality:	Nitrogen Concerns

LAVINA (MT981397) is a two rowed hooded spring barley and is a cross between 'Haybet' and 'Baronesse'. 'Haybet' (P.I.533600) was developed by USDA-ARS and the Montana Experiment Station and was released in April 1989. Haybet is a two-rowed, hooded, white kernel, spring barley developed as a forage barley and derived from the cross 'Betzes*7/'Strip Tease'. Baronesse is a two-rowed feed barley developed in Germany and marketed by Westbred LLC in the United States. The cross was made in 1993 and individual F1 plants were planted and harvested in 1994, F2 populations were planted and single heads were harvested in 1995. Single seed descent in the Montana State University ABS Plant Growth Center was utilized in 1995-1996 to advance two generations and F5 head rows were planted in the spring of 1996. F6 two row plots were planted in 1997 and selections were made based on agronomic and forage potential.

AGRONOMIC PERFORMANCE

LAVINA 'MT981397' was tested for forage and grain performance in Montana from 2004 through 2007.