

FIRLBECKS III--is a 2-row feed and malting type variety developed by the Firlbeck Breeding Station in Germany from the cross Isaria x Weihenstephaner.

It is a medium-late maturing variety, similar to Betzes. It is about 1-inch taller than Betzes but is more lodging resistant. Yield is about equal to Betzes but it has a higher test weight and plumpness. Best performance is under irrigation or high-moisture dryland areas.

In Colorado, Wyoming and to a limited extent in Montana the variety has been grown under contract to a grain firm. Growing without a contract for malting purposes is not advised.

FREJA--Developed from a cross of Seger (Victory) x Opal by the Swedish Seed Association, Svalof, Sweden. It was introduced into the United States in 1942 and released in 1957 by the Montana Agricultural Experiment Stations in cooperation with the Plant Science Research Division, A.R.S., U.S.D.A. It is a feed barley with rough awns, and the kernel has a colorless aleurone. Freja is midseason to late maturing, moderately short strawed, of short to medium height with nodding heads. It has yielded as good as Compana and Vantage under both irrigated and dryland trials.

HYPANA--Developed from the cross Glacier x Compana by the Montana Agricultural Experiment Stations cooperating with the Plant Science Research Division, A.R.S., U.S.D.A. It is a 2-row barley, semi-smooth, long awned with large kernel, having a colorless aleurone. Hypana is early to midseason in maturing, midtall, moderately resistant to lodging and very resistant to shattering. This variety is moderately resistant to loose and covered smut, but susceptible to leaf and stem rust. It is susceptible to ergot. It has yielded very well in all dryland areas in Montana East of the Continental Divide.