

PIROLINE--Developed from the cross of Wiehinstephana Mehlaurensistente x Morgenrot in Hanover, Germany. It was introduced cooperatively by the Montana Agricultural Experiment Station and the Plant Science Research Division, A.R.S., U.S.D.A. Pirolina is a 2-row barley, medium to tall in height, relatively strong strawed, with nodding heads at maturity. Its yield and test weights are very close to Betzes.

PRIMUS II--Developed by the South Dakota Agricultural Experiment Station and the Plant Science Research Division, A.R.S., U.S.D.A. It is a selection made from Primus. Primus II is an early maturing, 6-row barley with long spreading smooth awns. It is susceptible to loose smut. Insufficient data is available for its adaptation performance in Montana. To prevent proliferation in our 2-row malt barley, growing of Primus II is discouraged. Heads may drop off at or near maturity, lowering yield, when the variety is exposed to certain environmental conditions.

SHABET--Developed from the cross of Glacier x Compana 2 x 7 Betzes, made at the Montana Agricultural Experiment Stations with the Plant Science Research Division, A.R.S., U.S.D.A. cooperating. Shabet was selected for greater shatter resistance than Betzes. Shabet has tended to shatter less in experimental trials in field planting. Its kernel characteristics are similar to Betzes. Its a high-yielding variety, equal or superior to Betzes under irrigation. Shabet is an approved variety for malting and brewing purposes by the Malting Barley Improvement Association.

The variety is adapted to dryland areas of high moisture producing malting barley, as well as areas under irrigation.