

Variety Description

1. Sammy was tested under the experimental designation WK83036-1-22. It originated as a single head selection in an F7 bulk population provided by the Swiss Federal Research Station. It was selected along with numerous other head selections from the F7 bulk in 1989. It was identified as an outstanding experimental line in the 1990 Headrows and advanced into replicated yield tests in 1992. In 1992, Sammy was reselected from a F10 experimental line to improve its genetic purity and again evaluated as a headrow in 1993. It was again advanced into replicated yield trials in 1995. Parentage of this line is complex and consists of experimental Swiss breeding lines. We do not have access to the origin of the parental lines, as the breeder involved in this exchange is no longer with the Swiss Federal Research Station. Increase of Sammy was through the planting of drilled plots in 1996 planted with remnant seed harvested from 1995 yield trials. Breeders seed was further increased and purified from 1997 through 1999. Each year during this increase, plots were thoroughly rogued with all off-type plants being discarded. Ownership of this line is free of any encumbrances and is solely owned by Dr. H.N. Lafever.
2. This cultivar is requested to be a 2 generation cultivar, namely, that two generations be allowed to be produced beyond Breeder seed, those being Foundation and Certified.
3. This cultivar has been exclusively licensed to Rupp Seeds, Inc. of Wauseon, Ohio as a royalty bearing cultivar for marketing in the U.S. and has been in the market for at least three years as a green tag variety.
4. The variants found in Sammy are likely to be few in number but may include occasional tall plants (less than 1%) and occasional awned plants (less than 1%).
5. As demonstrated by the enclosed data, Sammy is much earlier in heading date than either 'Oberkulmer' or 'Sava'. Sammy is shorter than Oberkulmer but similar to Sava in plant height and Sammy is much improved compared to both Oberkulmer and Sava in lodging resistance.

Sammy has a lax head that is tapering in shape. Tip awns are present and are generally between 1 and 2 inches in length. Plant color at maturity is light to medium brown. When compared to the spelt variety 'Maverick', Sammy differs in chaff color, being described as "light to medium brown" while Maverick is described as "white", has longer tip awns and wider, shorter glumes.
6. Sammy appears well adapted to growing conditions found throughout the Midwest and should be an important addition to the spelt genotypes available for production in the future.