

REPORT OF THE NATIONAL CERTIFIED SMALL GRAIN VARIETY REVIEW BOARD

Letter dated July 11, 1972

The National Certified Small Grain Variety Review Board considered the application for certification of Protor spring wheat. From the information supplied by the breeder, it is concluded that Protor is eligible for certification, being subject to verification by field and laboratory inspection in each state.

Variety: Protor

Experimental Designation: 70Y14; 71T1

Applicant: Northrup, King & Company
13410 Research Road
Eden Prairie, Minnesota 55343

Breeder: Robert W. Romig

Information pertinent to certifying agencies which was requested on the application and the information submitted by the applicant is given below. The applicant should be contacted if additional information is desired.

PROTOR

1. Distinguishing characteristics: Semidwarf, fusiform spike, white glume, long awns curving laterally, spring habit.
2. Origin and breeding procedure: From the CIMMYT program, Tobarí X Ciano, pedigree selected through F₄, bulk F₅ rogued for off-types.
3. Adaptation: Adapted over wide range, especially north of 35°, in the NW USA. Bread type.
4.
 - a. Plant and seed characteristics: Spring type, semidwarf, stiff straw, white chaff, awned, red midlong red grain. Shoulders on glume are narrow and square to apiculate; beaks are acuminate.
 - b. Growth habit: Spring habit.
 - c. Adaptation: General; NW USA especially; Early (resembles WS 1651).
 - d. Disease reactions: Resists 1971 common races of stem and leaf rust.
 - e. Yield: Excellent north of 35°.
 - f. Quality: Good for bread; long mixing time; excellent milling performance.
5. Procedure: Breeder and Foundation seed maintained by NK by head row selections and rogued bulk increases respectively.
6. Limitations: Certified class cannot be recertified.
7. Certified seed will be available in Idaho and Utah in 1972 and will be available for general distribution in 1973.