

REPORT OF THE NATIONAL CERTIFIED SMALL GRAIN VARIETY REVIEW BOARD

Letter dated March 23, 1973

The National Certified Small Grain Variety Review Board has considered the application for certification of Produra durum wheat and has concluded that Produra is eligible for certification.

Variety: Produra Experimental Designation: 71Y5012

Applicant: Northrup King & Company Breeder: Robert W. Romig
13410 Research Road
Eden Prairie, Minnesota 55343

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

PRODURA

1. Distinguishing characteristics: semi-dwarf stature, black awns, and pubescent glumes.
2. Adaptation: high yield areas of Arizona and California; primary use will be for feed; will be distributed in the Central Valleys of California and in the irrigated wheat growing areas of Arizona; has excellent resistance to shattering in these areas.
3. a. Plant and seed characteristics: Produra is a cultivar of Triticum durum Desf. It is a midseason to late durum wheat of spring growth habit with a relative maturity equal to or slightly later than Cajeme 71 when grown under irrigation in Arizona and California from fall or winter seedlings. This is a semi-dwarf wheat, slightly shorter than Siete Cerros. Stems are strong and resistance to lodging is better than that of Siete Cerros and equal to or slightly poorer than that of Cajeme 71. The spike is fully awned, fusiform, mid-dense and inclined. Glumes are pubescent, yellow, long and wide. Shoulders are wanting. Beaks are acuminate. Awns are long, black and rough and tend to bleach from the apical end at maturity. Kernels are white (amber), long, hard and elliptical. The bush is mid-sized and small.
 - b. Variations: There are no unusual variations which are characteristic of this variety.
 - c. Growth habit: Spring habit.
 - d. Adaptation: This variety is adapted to the high yield areas of Arizona and California. It is a midseason to late variety in this area with a relative maturity equal to or slightly later than Cajeme 71.
 - e. Special markers: black awns and pubescent glumes.
 - f. Disease reactions: resistant to the races of leaf rust, Puccinia recondita f sp. tritici Rob ex Desm., and stem rust, P. graminis f. sp. tritici Eriks, and Henn. prevalent in the United States in 1972.
 - g. Insect resistances: No special resistance to insects noted.

4. Maintaining Breeder seed: Breeder's seed will be maintained by Northrup King & Company.
5. Limitations of generations: those which apply to wheat. So far as is known, there are no special requirements or limitations necessary to maintain varietal characteristics.
6. Northrup King & Company contemplates seeking Plant Variety Protection for Produra under the provisions of Public Law 91-577.
7. Certified seed of Produra will first be offered for sale in California and Arizona in the fall of 1973.