

REPORT OF THE NATIONAL CERTIFIED SMALL GRAIN VARIETY REVIEW BOARD

The National Certified Small Grain Variety Review Board has considered the applications for certification of several small grain varieties and has concluded that the following varieties are eligible for certification.

<u>VARIETY</u>	<u>APPLICANT</u>
W-335 hard red winter wheat	Koy E. Miskin Funk Seeds Int'l, Inc. 1300 W. Washington Bloomington, Ill.
W-504 soft red winter wheat	Koy E. Miskin Funk Seeds Int'l, Inc. 1300 W. Washington Bloomington, Ill.
Ruler soft red winter wheat	Ohio Agric. Res. & Dev. Cntr. Wooster, Ohio 44691
314 spring barley	Robert W. Matchett Northrup, King & Co. P. O. Box 1406 Woodland, CA 95695

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

- 2 -

W-504 SOFT RED WINTER WHEAT

I. W-504 is a soft red winter wheat with satisfactory winterhardiness. The culms are white, mid-strong with solid nodes and hollow internodes. Waxy bloom and pubescence are not present. The head is dense, fusiform, apically awnletted and white at maturity; heads average 7 cm long and 11 mm wide. Glumes are short and narrow with rounded shoulders and obtuse beak. Spike carriage ranges from erect to inclined. Head color at heading is a light green. W-504 is most nearly like Monon, but differs in being higher yielding and having darker red kernels. W-504 is resistant to Hessian fly Race E and partially resistant to Races C and D. It is resistant to wheat spindle streak virus and barley yellow dwarf virus.

II. W-504 is best adapted to the soft red winter wheat region, principally Illinois, Indiana, Ohio, Pennsylvania, Maryland and West Virginia.

III. Breeder seed will be maintained by Funk Seeds International, and will be used to produce the Foundation, Registered and Certified seed classes. The Certified generation will not be eligible for recertification.

IV. Application will be made to the Plant Variety Protection office, specifying that the variety is to be sold by variety name only as a class of certified seed.

V. Certified and Registered seed was first offered for sale in the fall of 1974.