

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

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.

RULER SOFT RED WINTER WHEAT

Ruler is a midseason soft red winter wheat with dark green or blue-green foliage. The stem is stiff and erect. At maturity the head is only slightly nodding. Plant height has averaged 99 cm or about 4 cm taller than Arthur. At heading the flag leaf is semi-erect. Winterhardiness under Ohio conditions is excellent. Early fall growth is mostly prostrate to semi-erect. Tillering ability is good. Ruler appears very vigorous under most growth conditions.

Ruler is moderately tolerant to acid-soil conditions, very resistant to soil-borne spindle streak mosaic virus, and moderately resistant to loose smut, but susceptible to most races of leaf rust and stem rust. Ruler is moderately susceptible to powdery mildew. It is also resistant to the Great Plains A, C and F races of Hessian fly.

Ruler heads about 5 days later than Arthur, produces large, mid-dense, fusiform heads with yellow anthers and round-shoulder glumes of medium length which are awnletted. Chaff color at maturity is yellow-white. Tip awns are from 1-3 cm in length.