

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 Vireo barley and two wheat varieties, MP-6B and Prospur, and has concluded that these varieties are eligible for certification.

<u>VARIETY</u>	<u>APPLICANT</u>	<u>BREEDER</u>
Vireo barley	Robert W. Matchett Northrup, King, & Company P. O. Box 1406 Woodland, California 95695	F. von Lochow-Petkus GMBH Zuchtstation Wetze 3411 Wetze uber Northeim, West Germany
MP-6B wheat	World Seeds, Inc. 2605 Oceanside Boulevard Oceanside, California 92054	Alfredo Garcia % World Seeds, Inc.
Prospur wheat	Northrup, King, & Company 13410 Research Road Eden Prairie, Minnesota 55343	CIMMYT Apartado Postal 6-641 Mexico 6, D. F., Mexico

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.

VIREO BARLEY

1. Distinguishing characteristics: semi-erect head, anthocyanin in awn tips, and medium tall height.
2. Adaptation: adapted to the Pacific Northwest and Intermountain states where two-row barleys are typically grown; primary use will be for livestock feed.
- 3.a.Plant and seed characteristics: similar to the variety Pirolina; more prostrate in growth habit than Pirolina in the seedling stage; exhibits a medium grey-green leaf color, more grey than Pirolina; has a semi-erect medium length head in mature stage, whereas Pirolina has a lax mid-long head type; more prominently anthocyanin colored awn tips than Pirolina; is approximately 3 cm. shorter than Pirolina. Vireo has a medium long, two-row, mainly erect head with long haired rachis edges, a rough beard and long haired glume. The medium to small kernel is mid-short, wide and plump, with an adhering, highly wrinkled hull, colorless aleurone, long rachilla hairs, well-defined veins with many displaying some anthocyanin pigmentation, no barbs on lateral veins, and a narrow, shallow crease that is almost closed.
 - b.Variations: none observed.
 - c.Growth habit: Spring habit.
 - d.Heading date: approximately 5 days later than Pirolina.
 - e.Special markers: semi-erect head, anthocyanin in awn tips, and medium tall height.