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wscia seed buzz

WASHINGTON STATE CROP IMPROVEMENT ASSOCIATION, INC.

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NEWSLETTER Duward Massie, Editor Volume XXXI, No. 8 June 3, 1976

New Varieties: Boyer, Barbee, Daws, Raeder

WSCIA is producing foundation seed of Boyer, Barbee and Daws for fall 1976 distribution to certified seed growers and processors for 1977 Seed Increase Projects. Raeder is not released by WSU, and WSCIA is not producing foundation seed.

BOYER WINTER BARLEY. This variety was originated by Washington State University and was released in 1975. It is for feed use, of 6-row head type, with white kernels, with rough awns, of mid-short heighth, with moderately stiff + straw and mid-season in maturity. Its winter survival is indexed at 100% at Pullman, and its test weight is rated at 49.8 in eastern Washington and at 47.5 in western Washington. Boyer incorporates winter hardiness of Kamiak together with yield potential.

BARBEE WINTER WHEAT. This variety was originated by USDA-ARS and Washington State University and was released in 1976. It is of soft white class, of club head type, with red glumes, with awns, of semidwarf heighth, and mid-season in maturity. On a scale of 1 (low or poor) to 10 (high or good), Barbee is indexed at 8 for straw strength, 5 for emergence, 5 for winter hardiness, and 5 for test weight. Its disease reactions are resistant to common bunt, moderately susceptible to dwarf bunt, susceptible to leaf rust, resistant to stripe rust, and moderately resistant to flag smut. Barbee is expected to be useful in areas where Paha is grown. A major improvement is resistance to stripe rust.

DAWS WINTER WHEAT. This variety was originated by USDA-ARS and Washington State University and was released in 1976. It is of soft white class, of common head type, with white glumes, with awns, of semidwarf heighth, and mid-season in maturity. On a scale of 1 (low or poor) to 10 (high or good), Daws is indexed at 8 for straw strength, 4 for emergence, 8 for winter hardiness, and 7 for test weight. Its disease reactions are resistant to common bunt, susceptible to dwarf bunt, moderately susceptible to leaf rust, resistant to stripe rust, and susceptible to flag smut. Daws is expected to be useful in some areas where Nugaines is grown. A major improvement is increased winter hardiness.

RAEDER WINTER WHEAT. This variety was originated by USDA-ARS and Washington State University and was released in 1976. It is of soft white class, of common head type, with red glumes, with awns, of semidwarf heighth, and mid-season in maturity. On a scale of 1 (low or poor) to 10 (high or good), Raeder is indexed at 7 for straw strength, 5 for emergence, 7 for winter hardiness, and 7 for test weight. Its disease reactions are resistant to common bunt, moderately susceptible to dwarf bunt, susceptible to leaf rust, resistant to stripe rust, and very resistant to flag smut. Raeder is expected to be useful in Idaho in areas with heavy soils.

Variety Name	Experimental Designation	Pacific Northwest Area Joint Release Status		
		UI/Idaho	OSU/Oregon	WSU/Washington
Barbee	WA 5826	Yes	No	Yes
Daws	WA 6099	Yes	Yes	Yes
Raeder	WA 5988	Yes	No	No