REGISTRATION OF CROP CULTIVARS

REGISTRATION OF RAIL WHEAT
(Reg. No. 606)

C. R. Rohde, W. B. Locke, W. E. Kronstad, M. F. Kolding,
and R. J. Metzger*

'Rail', CI 17294, Oregon selection OR 6933, is a soft white winter wheat (Triticum aestivum L. em. Thell.) developed cooperatively by the Oregon Agric. Exp. Stn. and FR-SEA-USDA. It is a selection from a cross of F1 plants of 'Orfed'/Elgin//Elmar/3/Heines VII' and Orfed/Elgin//Elmar/3/CI 13438. The final selection was made of an F1 line in 1968. Rew was released to growers in 1974.

Rail is resistant to many races of common bunt (Tilletia foetida (Wallr.) Liro) and some races of dwarf bunt (Tilletia controversa, Kuhn). Rew is moderately susceptible to leaf rust (Puccinia striiformis, West) and susceptible to stripe rust (Puccinia striiformis, West) and susceptible to stripe rust (Puccinia striiformis, West) and susceptible to brown rust (Puccinia striiformis, West). The spike of Rew is awned, fusiform, middense and inclined. The awns are 1 to 3 cm long. The glumes are white, midlong and narrow; the shoulders are narrow and oblique; the beaks are brown, midlong and acuminate; the kernels are red, midlong, hard and ovate, the germ is small and narrow; the stems are midshort and the awns are few, 1 to 3 cm long; the awns are white, soft and midlong; the cheece is large. Rew has a sufficient level of tolerance to this disease to reduce production risks in those areas.

Rail is intended for production in the panhandle and western areas of Oklahoma where WSMV poses a serious hazard to production. It has a sufficient level of tolerance to this disease to reduce production risks in those areas.

Breeder seed of Rail will be maintained by the Oklahoma Agricultural Experiment Station. Foundation seed will be available from the Oklahoma Foundation Seedsmen, Inc., Agronomy Dept., Oklahoma State Univ., Stillwater, OK 74074.

REGISTRATION OF FARO WHEAT
(Reg. No. 607)

C. R. Rohde, W. B. Locke, W. E. Kronstad, M. F. Kolding,
and R. J. Metzger*

'Faro', CI 17590, Oregon selection OR 7147, is a soft white club winter wheat (Triticum aestivum L. em. Thell.) selected from the cross CI 13748/'Moro'. CI 13748 was a selection from 'Suwon 92'/3//'Omar'. Faro was selected as an F3 line in 1971 and was released in 1976 by the Oregon and Washington Agric. Exp. Stns. in cooperation with FR-SEA-USDA.

Faro is resistant to local races of stripe rust (Puccinia striiformis, West), to some races of common bunt (Tilletia foetida (Wallr.) Liro or T. caries (Dec. Tul.), and to some races of dwarf bunt (Tilletia controversa, Kuhn). Faro is susceptible to leaf rust (Puccinia ribigo-vera (DC) Wint. f. sp. tritici). The spike of Faro is very dense and awned; the glumes are brown, midlong and midwide; the shoulders are midshort and generally oblique; the beaks are midwide, obtuse, 0.5 mm long; the awns are wanting to few, 1 to 3 mm long; kernels are red, midlong, hard and oval; the germ is small and narrow; the crease tends to be wide and deep; the checks are rounded to angular and the brush is midshort and midlong.

Faro is adapted for growing in the lower precipitation areas of eastern Oregon and eastern Washington. Breeder seed will be maintained by the Columbia Basin Agric. Research Center, Oregon State Univ., Pendleton, OR 97801.

Grain yields of Faro consistently exceeded those of Hyslop, averaging 7% higher during the period 1973 to 1975. Faro was included in the Western Winter Wheat Nursery from 1973 to 1975. Breeder seed of Faro will be available from the Western Wheat Quality Laboratory, Pullman, WA, and found to be equal or superior to McDermid, and 'Nugaines' soft white common wheat in production.

Faro is named for the late Ronald Faro, former wheat breeder near Pendleton, Oregon, who was an author of agronomic research through his activities in the Oregon Growers League.

Breeder seed is maintained by the Columbia Basin Agric. Research Center, Oregon State Univ., Pendleton, OR 97801.

REGISTRATION OF BEAU WHEAT
(Reg. No. 612)

F. L. Patterson, H. W. Ohm, J. J. Robertson, R. E. Finney, and R. L. Gallagher*

'Beau' soft red winter wheat (Triticum aestivum L. em. Thell.) CI 17420, was developed at the Purdue Univ. Agric. Exp. Stn., in cooperation with USDA-SEA. It was released by Purdue Univ.

Beau is derived from the cross CI 13748/'Moro'. CI 13748 was a selection from 'Arthur'*3/Purdue//Chi 14485, averaging 7% higher during the period 1973-1976 in Indiana and regionally as Purdue 6559B5-6-6-1 in Indiana and regionally as Purdue 6559B5-6-6-1

Beau was tested at several locations in eastern Oregon from 1971 to 1975. Rew was included in the Western Winter Wheat Nursery from 1973 to 1975. Breeder seed of Rew have been the highest of the midtall cultivars. Variety tests in eastern Oregon have shown that the grain yield of Rew is generally 1 kg/ha more than that of McDermid, and 'Nugaines' soft white common wheat in production.

Rew was named after the late Ronald Rew, former wheat breeder near Pendleton, Oregon, who was an author of agronomic research through his activities in the Oregon Growers League.

Breeder seed is maintained by the Columbia Basin Agric. Research Center, Oregon State Univ., Pendleton, OR 97801.