spelt. Winterhardiness of Champ appears equal to common spelt, but is superior to most popular wheat cultivars in Ohio. Heading date of Champ is 1 d earlier than common spelt. Percent protein of Champ has averaged 11.7% while common spelt averaged 10.5%, a relatively important trait because spelt is commonly used as an alternative to spring or winter oat as a feed grain. Foliage is dark green.

Champ possesses resistance to leaf rust (caused by Puccinia recondita Rob. ex. Desm. f. sp. tritici), but only moderate resistance to powdery mildew (caused by Erysiphe graminis DC. f. sp. tritici E. Marchal). It also is very resistant to wheat spindle streak mosaic virus (WSSM) and has exhibited good field resistance to loose smut [caused by Ustilago tritici (Pers.) Rostr.].

Application for protection under the Plant Variety Protection Act is planned. Breeder seed of Champ will be maintained by the Ohio Agricultural Research and Development Center, The Ohio State University, Wooster, OH 44691.

H. N. LAFEVER* (1)

References and Notes

1. Dep. of Agronomy, Ohio Agric. Res. and Development Ctr., The Ohio State Univ., Wooster, OH 44691. Salaries and research support were provided by state and federal funds appropriated to The Ohio State Univ.—Ohio Agric. Res. and Development Ctr. Journal Article no. 95-87. Registration by CSSA. Accepted 30 Sept. 1987. *Corresponding author.


REGISTRATION OF ‘GR855’ WHEAT

‘GR855’, PI 508286, is a soft red winter wheat (Triticum aestivum L.) (Reg. no. 729) developed by the Ohio Agricultural Research and Development Center and officially released in 1985. This cultivar has been licensed to the Agricultural Genetic Research Association (AGRA), with this organization granted exclusive rights to sublicense, produce, promote, and market the cultivar. However, ownership of GR855 has been retained by the Ohio Agricultural Research and Development Center, The Ohio State University. GR855 was tested prior to release as OH 235 in state-wide trials in Ohio from 1980 through 1984 and in the Uniform Eastern Soft Red Winter Wheat Nursery from 1981 through 1984.

GR855 was selected for release primarily due to its superior yield record in comparison to currently popular ‘Titan’, ‘Hart’, and ‘Cardinal’, and its excellent lodging resistance.

GR855 is a selection from the cross of Hart/Va 66-54-10. Va 66-54-10 is an experimental line from the Virginia Agricultural Experiment Station. GR855 was first selected in 1975 as an F1 plant and reselected in F2 in 1979. Breeder seed of GR855 was first distributed to AGRA members in the fall of 1985. Production under high fertility conditions due to its excellent straw strength. Foliar diseases, especially leaf rust, should be closely monitored under high fertility conditions. GR855's susceptibility to this disease.

Foundation seed of GR855 was registered under the Plant Variety Protection Act (Application no. 8600153) in accordance with the certified class of certified seed. Only foundation and certifiers are permitted beyond breeder seed to be maintained by the Ohio Agricultural Research and Development Center, The Ohio State University, Wooster, OH 44691.

References and Notes

1. Dep. of Agronomy, Ohio Agric. Res. and Development Ctr., The Ohio State Univ., Wooster, OH 44691. Salaries and research support were provided by state and federal funds appropriated to The Ohio State Univ.—Ohio Agric. Res. and Development Ctr. Journal Article no. 95-87. Registration by CSSA. Accepted 30 Sept. 1987. *Corresponding author.

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REGISTRATION OF ‘SEWARD’ WHEAT

‘SEWARD’, PI 508286, is a soft red winter wheat (Triticum aestivum L.) (Reg. no. 729) developed by the Ohio Agricultural Research and Development Center and officially released in 1985. This cultivar has been licensed to the Agricultural Genetic Research Association (AGRA), with this organization granted exclusive rights to sublicense, produce, promote, and market the cultivar. However, ownership of Seward has been retained by the Ohio Agricultural Research and Development Center, The Ohio State University. GR855 was tested prior to release as OH 235 in state-wide trials in Ohio from 1980 through 1984 and in the Uniform Eastern Soft Red Winter Wheat Nursery from 1981 through 1984.

GR855 was selected for release primarily due to its superior yield record in comparison to currently popular ‘Titan’, ‘Hart’, and ‘Cardinal’, and its excellent lodging resistance.

GR855 is a selection from the cross of Hart/Va 66-54-10. Va 66-54-10 is an experimental line from the Virginia Agricultural Experiment Station. GR855 was first selected in 1975 as an F1 plant and reselected in F2 in 1979. Breeder seed of GR855 was first distributed to AGRA members in the fall of 1985. Production under high fertility conditions due to its excellent straw strength. Foliar diseases, especially leaf rust, should be closely monitored under high fertility conditions. GR855's susceptibility to this disease.

Foundation seed of GR855 was registered under the Plant Variety Protection Act (Application no. 8600153) in accordance with the certified class of certified seed. Only foundation and certifiers are permitted beyond breeder seed to be maintained by the Ohio Agricultural Research and Development Center, The Ohio State University, Wooster, OH 44691.

References and Notes

1. Dep. of Agronomy, Ohio Agric. Res. and Development Ctr., The Ohio State Univ., Wooster, OH 44691. Salaries and research support were provided by state and federal funds appropriated to The Ohio State Univ.—Ohio Agric. Res. and Development Ctr. Journal Article no. 95-87. Registration by CSSA. Accepted 30 Sept. 1987. *Corresponding author.

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