REGISTRATION OF 'PHYTER' TALL FESCUE

PHYTER' tall fescue (*Festuca arundinacea* Schreb.) (Reg. no. CV-42, PI 538330) is a low-endophyte, hay and pasture use cultivar developed and released in August 1986 by FFR Cooperative. Its experimental designation is FFR Syn W.

Phyter is a 11-clone synthetic, whose parentage traces to 'Kentucky-31'. Seven hundred tall fescue plants were selected in 1973 from several Kentucky-31 seed fields estimated to be at least 15 years old. Selection was based on color, vigor, and general appearance. Selected clones were established at West Lafayette, IN, in a replicated polycross block in 1974. Polycross progeny seed was harvested in 1975 and used to plant solid-seeded progeny plots in 1976. In 1979, 120 selections were made from these progeny plots based on height and vigor and placed in a space-planted nursery at West Lafayette, IN. The 11 clones of Phyter were selected from this material in 1981, based on clonal evaluations for spring vigor, summer and fall color, and moisture content of summer regrowth herbage.

Phyter's area of adaptation is similar to that of Kentucky-31. It is similar to Kentucky-31 in heading date and several days later than 'Fawn', 'Forager', and 'Au-Triumph'. Color ratings show Phyter to be darker in color and to have a higher moisture content in summer regrowth herbage than Kentucky-31. Resistance of Phyter to crown rust (caused by *Puccinia coronata* Cda.) and stem rust (caused by *Puccinia graminis* Pers.:Pers.) is similar to Kentucky-31 and higher than 'Kenhy'.

Phyter will be maintained as a three-generation cultivar: breeder, foundation and certified. Certified seed may be grown from either breeder or foundation seed. Vegetative portions of the 11 original clones are maintained by FFR Cooperative at West Lafayette, IN.

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REGISTRATION OF 'DELMAR' ST. AUGUSTINEGRASS

'DELMAR' St. Augustinegrass (*Stenotaphrum secundatum* (Walt.) Kuntz) (Reg. no. CV-138, PI 542966), experimental designation FFR 76-14, was developed by the FFR Cooperative at West Lafayette, IN, in the development and evaluation of Crystal barley.

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Phyter will be maintained as a three-generation cultivar: breeder, foundation and certified. Certified seed may be grown from either breeder or foundation seed. Vegetative portions of the 11 original clones are maintained by FFR Cooperative at West Lafayette, IN.

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References and Notes

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