Registration of Crop Cultivars

REGISTRATION OF WL 220 ALFALFA¹
(Reg. No. 91)

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¹WL 220' alfalfa (Medicago sativa L.) was developed by the Waterman-Loomis Company. It was tested experimentally as 74 T 1. WL 220 is comprised of 314 survivors of screening tests for resistance to one or more of the following pests: spotted alfalfa aphid (Theroaphis maculata Buckton), pea aphid (Acrystosiphon pisum Harris), Phytophthora root rot (incited by Phytophthora megasperma Drechs.), bacterial wilt (incited by Corynebacterium insidiosum (McCull) H. L. Jens.), and anthracnose (incited by Colletotrichum trifoli Bain.). Parentage traces to 'WL 215', 'WL 219', 'WL 311', 'WL 318', and several advanced WL germplasms with multiple pest resistance.

The primary use of WL 220 will be for hay and haylage. It is similar to 'Ranger' in fall dormancy in Minnesota, but more like 'Saranac' in the central Midwest. The level of resistance to bacterial wilt for WL 220 is similar to the resistant check cultivar 'Vernal'. Its level of resistance to pea aphid is greater than the resistant check cultivar 'Dawson'. WL 220 is moderately resistant to Fusarium wilt (incited by Fusarium oxysporum Schlect. f. medicaginis (Weimer) Snyder and Hans.) and to anthracnose, similar to the cultivars 'Agate' and WL 311, respectively.

Forage yield of WL 220 has been equal to or better than the yields of Agate, Dawson, Vernal, and WL 215 in tests located in Illinois, Iowa, Nebraska, Ohio, and Wisconsin. The frequencies of plants with different flower colors are approximately 75% purple, 20% variegated, 3% yellow, and 2% white or cream.

Seed production shall be on a three generation basis: breeder, foundation, and certified. Breeder seed is the composite harvest from the 214 parent clones interpollinated under cage by honeybees (Apis mellifera L.). It is to be planted in the northern region of adaptation for the production of foundation seed.

¹ Registered by the Crop Sci. Soc. Am. Accepted 11 July 1979.
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REGISTRATION OF PLUSH KENTUCKY BLUEGRASS¹
(Reg. No. 18)

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¹ 'PLUSH' Kentucky bluegrass (Poa pratensis L.) was developed by Waterman-Loomis Company. It was tested experimentally as 74 H 1. PLUSH was favorably reviewed by the National Certified Alfalfa Variety Review Board in December 1977.

² Registered by the Crop Sci. Soc. Am. Accepted 11 July 1979.
³ Vice president of research, research agronomist, and assistant director of research, respectively, Waterman-Loomis Co., 7625 Brown Bridge Road, Highland, MD 20777.

REGISTRATION OF REDMAN ALFALFA²
(Reg. No. 42)

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² 'REDMAN' red clover (Trifolium pratense L.) was developed by FFR Cooperative and released as a cultivar in 1971. Its experimental designation was PL 9.031.

³ Registered by the Crop Sci. Soc. Am. Accepted 11 July 1979.