rachilla). Although its 1000 kernel weight is slightly less than
either Prato or UC 337, its test weight is equal to that of UC
337 and greater than that of Prato or UC 476. The spike is
middense, midlong, and semierect.

UC 603 has good resistance to scald (incited by Rhyn-
chosporium secalis [Oudem.] J.J. Davis), net blotch (incited
by Pyrenophora teres Drechs.), and barley yellow dwarf virus
(BYDV). It is moderately resistant to powdery mildew (inci-
ted by Erysiphe graminis D.C. f. sp. hordei) and leaf rust
incited by Puccinia hordei Em. Marchal), and leaf rust (incited by Puccinia hordei G. Otth.).

Foundation seed was released to growers in 1989. Breeder
seed will be maintained by the Department of Agronomy
and Range Science in cooperation with the Foundation Seed
and Plant Materials Service, University of California, Davis,
CA 95616.

C. W. Schaller,* L. F. Jackson, and L. Prato (1)

References and Notes
1. C. W. Schaller (retired), and L. F. Jackson, Dep. of Agronomy and Range
Science, Univ. of California, Davis, CA 95616; Linda Prato (retired) (former-
ly Dep. of Agronomy and Range Science). Registration by CSSA. Ac-

Published in Crop Sci. 30:1154–1155 (1990).

REGISTRATION OF 'ABLE I'
KENTUCKY BLUEGRASS

'Able I' Kentucky bluegrass (Poa pratensis L.) (Reg. no. 40,
PI 537435) was developed through the cooperative ef-
forts of Warren's Turf Nursery of Crystal Lake, IL, Pure-Seed Test-
ing of Hubbard, OR, and the New Jersey Agricultural Ex-
periment Station. It was released by Warren's Turf Nursery
in August 1984. Able I originated as the progeny of a single,
highly apomictic plant selected from the open-pollinated
progeny of a highly sexual plant designated 69-2186-3. Plant
69-2186-3 is an attractive, vigorous F1 hybrid selected from
the cross of Warren's A-25 X 'Nugget'. Warren's A-25 was
selected from an old turf located on a golf course near Chi-
icago, IL. It is a vigorous, aggressive selection with good re-

cistance to the leaf spot and melting-out disease caused by
Drechslera poae (Baudys) Shoem., and the stripe smut disease
incited by Ustilago striiformis (Westend.) Niesel. Warren's
A-25 is highly sexual and is reported to have 37 ± 1 somatic
chromosomes (1). Nugget Kentucky bluegrass (2) was se-
lected from an old turf located near Hope, AK. Nugget has
a compact, dense growth habit, good shade tolerance, and
excellent resistance to the leaf spot and melting-out disease.
Nugget is highly apomictic. Warren's A-25 was pollinated
with Nugget during the late winter of 1969 in a greenhouse
located in North Dakota. Seeds of plants that had been
registered under the cultivar designation of Able I. The
first certified seed was produced in central Oregon in 1984.
Able I is a low-growing, leafy, turf-type bluegrass capable
of producing an attractive, compact, dark green, medium
density and medium fine texture. Able I is resistant to the leaf spot and melting-out disease. It exhibited good resistance to leaf rust incited by
P. hordei var. poae-nemoralis (Otth.) H.C. Green, many races of powdery mildew
Erysiphe graminis D.C., and stripe smut. Able I has moderate resistance to the dollar spot disease
Sclerotinia homoeocarpa F.T. Bennett and stem rust incited
by P. graminis Pers. Able I has demonstrated good per-
ance in shade trials. It has outstanding cold tolerance,
moderate heat tolerance, a moderately slow spring green-up
rate, and moderate low temperature color retention.
Able I has good seedling vigor, good mowing qualities, a
medium nitrogen fertility requirement, and good toler-
ance to close mowing.

Able I is well suited for lawns, parks, and sports turf under varying light intensities ranging from full sun to moderate shade. It is especially well adapted to the climate of the region where Kentucky bluegrass is grown. Able I is compatible in blends with other dark green, low-growing Kentucky bluegrass and in mixtures with creeping red fescues (Festuca rubra L. subsp. rubra), and adapted turf-type ryegrasses (Lolium perenne L.).

Seed propagation of Able I Kentucky bluegrass will pass two cycles of increase from breeder seed to foundation and certified. Breeder seed is distributed by Pure-Seed Testing, Hubbard, OR.

United States Plant Variety Certificate no. 912145 has been issued for Able I.

W. A. Meyer,* B. O. Warren, F. H. Berns, and C. R. Funk (3)

References and Notes
3. W.A. Meyer, Pure-Seed Testing, P.O. Box 449, Hubbard,
Warren, 1000 West Sage Street, Princeton, NJ 08540 (4)
Turf Nursery, 7502 South Main Street, Crystal Lake, IL
Warren's Turf Nursery, P.O. Box 459, Suisun City, CA.
Funk, Soils and Crops Dep., New Jersey Agric. Exp. Stn.,
Rutgers Univ., New Brunswick, NJ 08904. Some of these
were supported by funds from the USA Golf Assoc. Green Section Res. and Ed.
Published in Crop Sci. 30:1156–1158 (1990).