UC 222 and UC 263 originated from a wide, very nondormant germplasm base maintained by the University of California alfalfa breeding program at El Centro, CA. Parent plants for these germplasms were selected from seedling tests in the greenhouse, and from a large walk-in insect cage, where high numbers of blue alfalfa aphid were maintained over a 2-wk period. UC 222 (one cycle of selection) and UC 263 (two cycles of selection) were derived from 107 and 109 parent plants, respectively, planted in cages and intercrossed with honeybee (Apis mellifera L.) as pollen vectors, at the Imperial Valley Agricultural Center near El Centro, CA.

Seedling tests to evaluate resistance to the blue alfalfa aphid were conducted at Tucson, AZ. Percent resistant plants were 75, 56, and 0.7 for UC 222, ‘CUF 101’ (R) (1) (2), and ‘Caliverde’ (S), respectively. In another trial, percent resistant plants to the blue alfalfa aphid were 88, 58, and 0 for UC 263, CUF 101 (R), and Caliverde (S), respectively.

Ten grams of seed of UC 222 and UC 263 will be distributed, until depleted, upon written request and agreement to make appropriate recognition of their sources as a matter of open record when these germplasms contribute to the development of new cultivars, hybrids, or germplasms. Requests for seed should be sent to Mr. Larry Gibbs, University of California, 1004 E. Holton Rd., El Centro, CA 92243.

W. F. LEHMAN, V. L. MARBLE,* AND M. W. NIELSON (3)

References and Notes
2. (R) = resistant; (S) = susceptible.
3. W.F. Lehman (deceased), Univ. of Calif., El Centro, CA; V.L. Marble, Dep. of Agronomy & Range Science, Univ. of Calif., Davis, CA 95616; and M.W. Nielson, Brigham Young University, Provo, UT 84602. Registration by CSSA. Accepted 31 July 1991. *Corresponding author.

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REGISTRATION OF UC 332 VERY NONDORMANT ALFALFA GERMPLASM WITH HIGH RESISTANCE TO FUARUM WILT AND PHYTOPHTHORA ROOT ROT

UC 332 (Reg. no. GP-252, PI 552551) alfalfa (Medicago sativa L.) germplasm was released by the Department of Agriculture and Range Science, University of California, 1004 E. Holton Rd., El Centro, CA 92243.

Ten grams of seed of UC 332 will be distributed, until depleted, upon written request and agreement to make appropriate recognition of its source as a matter of open record when this germplasm contributes to the development of new cultivar, hybrid, or germplasm. Requests for seed should be directed to Mr. Larry Gibbs, University of California, 1004 E. Holton Rd., El Centro, CA 92243.

W. F. LEHMAN AND V. L. MARBLE

References and Notes
3. W.F. Lehman (deceased), Univ. of Calif., El Centro, CA; V.L. Marble, Dep. of Agronomy & Range Science, Univ. of Calif., Davis, CA 95616. Registration by CSSA. Accepted 31 July 1991. *Corresponding author.

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REGISTRATION OF WAPH-1 ALFALFA GERMPLASM WITH RESISTANCE TO Aphanomyces root rot

WAPH-1 ALFALFA (Medicago sativa L.) germplasm (Reg. no. GP-243, PI 552564) was released by the UC Agricultural Experiment Station in April 1989. The germplasm was selected for resistance to aphanomyces root rot caused by Aphanomyces euteiches Drechs.

WAPH-1 is a tetraploid (2n = 4x = 32) population developed from a strain cross of two populations. Evaluation tests for fusarium wilt, phytophthora root rot, and bacterial wilt [Clavibacter michiganensis subsp. michiganensis (McCulloch) Davis et al. 1984] were conducted in 1987 at St. Paul, MN. Percent resistant plants for fusarium wilt were 78, 73, and 4, for UC 332, ‘Moorpark’ (R), and Mn GN-1 (S), respectively. Percent resistant plants for phytophthora root rot were 57, 43, and 2, for UC 332, ‘Agate’ (R), and ‘Saranac’ (S), respectively.

Ten grams of seed of UC 332 will be distributed, until depleted, upon written request and agreement to make appropriate recognition of its source as a matter of open record when this germplasm contributes to the development of new cultivar, hybrid, or germplasm. Requests for seed should be directed to Mr. Larry Gibbs, University of California, 1004 E. Holton Rd., El Centro, CA 92243.

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