

478439 TO 478440-continued

Station, University of California; Logan, Utah and El Centro, California.

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478439. R-58. Bolivia. Collected April 24, 1981. Dry, gravelly soil, 10km S of Alto, near Achocalla, La Paz Province. 3350m. Lat. 68 deg. N, Long. 17 deg. W. Two pod forms. Nodules abundant. Nodule sample. Wild. Seed.

478440. R-82. Bolivia. Collected April 26, 1981. Flood plain, 96km S of Cochabamba, near Capinota, Cochabamba Province. 2450m. Wild. Seed.

478441 TO 478465. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Bolivia. Collected by M.D. Rumbaugh & W.F. Lehman; Crops Research Laboratory, USDA, and Imperial Valley Field Station, University of California; Logan, Utah and El Centro, California.

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478441. R-75. Bolivia. Collected April 25, 1981. Dry lake bed, 15km E of Oruro, Oruro Province. 3650m. Plants 200m from salt flat, tall, erect. Seeds few. Many blue aphids present. Nodule sample. Cultivated. Seed.

478442. R-83. Bolivia. Collected April 26, 1981. Flood plain, 96km S of Cochabamba, near Capinota, Cochabamba Province. 2450m. Adapted strain of California common used many years in Capinota. Susceptible to many diseases. Local name Capinota. Cultivated. Seed.

478443. R-92. Bolivia. Collected April 26, 1981. Sandy soil, 100km S of Cochabamba near Capinota, Cochabamba Province. 2450m. Plants well-nodulated, tall, erect. Susceptible to *Stemphyllium*, leaf hopper, and aphid. Nodule sample. Cultivated. Seed.

478444. R-93. Bolivia. Collected April 26, 1981. Market, Capinota, Cochabamba Province. Local type. Local name Capinota. Cultivated. Seed.

478445. R-102. Bolivia. Collected April 28, 1981. Heavy, irrigated soil, Punata, 45km E of Cochabamba, Cochabamba Province. 2700m. Common leaf spot, many aphids. Few white nodules. Local name Criolla. Cultivated. Seed.

478446. R-105. Bolivia. Collected April 28, 1981. Heavy, irrigated soil, Punata, 45km E of Cochabamba, Cochabamba Province. 2700m. Badly diseased. Few white nodules. Local name Criolla. Cultivated. Seed.