

The following were developed by John Haight, Plant Genetics, 1918 S. Middleton Road, Nampa, Idaho 83686, United States; James B. Moutray, ABI Alfalfa, 2316 259th Street, Ames, Iowa 50011, United States; W.G. Hartman. Donated by North American Plant Breeders, Inc., Ames, Iowa, United States. Received 1982.

PI 600851. *Medicago sativa* L.

Cultivar. "BARON"; LOT 713. PVP 8200036; CV-137. Pedigree - 654-plant cultivar derived from a cross of 2 populations: 1) parents trace to El Unico (9), Mesa Sirsa (3), Mesilla (3), Zia/Turkistan (3), Acco (2), Miller syn (2), WL504 (2), and 1 clone each WL501, AT520, Acco 657, Hayden, Kanza; 2) WL318. Adapted to the San Joaquin, Sacramento, central and southern coastal valleys and high desert valleys of California, and southern half of New Mexico and Arizona for hay, dehydration and greenchop purposes. Fall dormancy similar to Caliverde 65. Highly resistant to pea aphid, blue alfalfa aphid and spotted alfalfa aphid (all similar to Cuf 101). Resistant to *Phytophthora* root rot (similar to Agate) and *Fusarium* wilt (similar to Saranac AR). Moderately resistant to bacterial wilt (similar to Ranger) and anthracnose.

The following were developed by James B. Moutray, ABI Alfalfa, 2316 259th Street, Ames, Iowa 50011, United States; J.R. Thomas. Donated by James B. Moutray, ABI Alfalfa, 2316 259th Street, Ames, Iowa 50011, United States. Received 1980.

PI 600852. *Medicago sativa* L.

Cultivar. "ATLAS"; LOT 401. CV-109; PVP 7600022. Pedigree - 1407-clone cultivar with parentage tracing about equally to: 1) Northern hardy types predominately Titan, Vernal, and Weevlchek and 2) Flemish types predominately Anchor and Saranac. Adapted to the North Central U.S. for hay, greenchop, and dehydration purposes. Fall dormancy similar to Saranac. Resistant to bacterial wilt, anthracnose and *Fusarium* wilt. Susceptible to *Phytophthora* root rot.

The following were developed by D.J. Vanderhave, Postbus 1, Kapelle, Netherlands. Received 1982.

PI 600853. *Lolium perenne* L.

Cultivar. "BIANCA". PVP 8000019.

The following were developed by Rilcot Seed Company, United States. Received 1982.

PI 600854. *Gossypium hirsutum* L.

Cultivar. "RILCOT 90-A". PVP 7600042.

The following were developed by New Mexico State University Agricultural Experiment Station, Las Cruces, New Mexico 88003, United States. Donated by Arden A. Baltensperger, New Mexico State University, Dept. of Agronomy & Horticulture, Las Cruces, New Mexico 88003, United States. Received 1982.