

PI 522239. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Sorensen, E.L., USDA-ARS, Dept. of Agronomy, Kansas State University, Throckmorton Hall, Manhattan, Kansas, United States. Received August 16, 1988.

donor id: K81-7Ve2. **origin:** United States. **pedigree:** Double strain cross K79-8/KS11//K73-19/KS74. **other id:** GP-210. **group:** CSR-ALFALFA. **remarks:** Germplasm constitution approx. 68% Chilean, 17% *M. varia*, 7% Turkistan, 4% Ladak, 3% Flemish, and 1% Indian. Fall growth similar to Saranac at St. Paul, Minnesota. Susceptible to *Phytophthora* root rot. **disease resistance:** Anthracnose, downy mildew and bacterial, *Fusarium*. *Verticillium* wilts. **insect resistance:** Blue alfalfa, pea, spotted alfalfa aphids. Potato leafhopper. Perennial. Breeding Material. Seed.

PI 522240. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Sorensen, E.L., USDA-ARS, Dept. of Agronomy, Kansas State University, Throckmorton Hall, Manhattan, Kansas, United States; and Horber, E.K., Dept. of Entomology, Kansas State University, Waters Hall, Manhattan, Kansas, United States; and Stuteville, D.L., Dept. of Plant Pathology, Kansas State University, Throckmorton Hall, Manhattan, Kansas, United States. Received August 16, 1988.

donor id: KS207. **origin:** United States. **pedigree:** Derived from a 90-clone synthetic (Buffalo-19, Cody-22, Kansas Common-21, and Kanza-28). **other id:** GP-211. **group:** CSR-ALFALFA. **remarks:** Fall growth similar to Saranac at St. Paul Minnesota. **disease resistance:** Anthracnose (race 1), downy mildew, *Phytophthora* root rot. Bacterial and *Fusarium* wilts. **insect resistance:** Blue alfalfa, pea, and spotted alfalfa aphids. Perennial. Breeding Material. Seed.

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Donated by: Stratton, S.D., & Baluch, S.J., FFR Cooperative, 4112 East State Road 225, West Lafayette, Indiana, United States. Received August 16, 1988.

donor id: Syn 7905. **origin:** United States. **cultivar:** ANSTAR. **pedigree:** Six-clone synthetic. **other id:** CV-154. **group:** CSR-ALFALFA. **remarks:** Fall dormancy ratings similar to Saranac. Flower color dark purple (75%), light purple (25%), and white (trace). Susceptible to *Phytophthora* root rot. **disease resistance:** Anthracnose (race 1), bacterial wilt. Moderate to *Fusarium* wilt. Perennial. Cultivar. Seed.