

of this species. Two weeks later in coming into flower than the variety Madrid.

PI 595394. *Melilotus officinalis* Lam.

Cultivar. "MADRID"; "MADRID YELLOW"; FC 36257; NSL 5484. CV-2. Pedigree - Originated as an introduction through the USDA Division of Plant Introduction, from the Madrid Botanical Garden, in 1910. The original seeds were accessioned as PI 27474. Released 1926. Exceptional early seedling vigor. Seed production heavy, and early enough to escape the hazard of summer drought in the Great Plains.

The following were developed by H.D. Hughes, Iowa State University, Farm Crops Subsection, Ames, Iowa 50011, United States. Donated by Agricultural Research Service -- USDA, Beltsville Agricultural Research Center, Beltsville, Maryland 20705, United States. Received 1961.

PI 595395. *Melilotus suaveolens* Ledeb.

Cultivar. "GOLDEN ANNUAL"; FC 32578; NSL 5486. Pedigree - Obtained from Mongolia, China through the USDA, Division of Forage Crops. Selected for early flowering and for vigor by Dr. S.N. Smith and Prof. H.D. Hughes in Iowa. Descended from a single plant. Released 1939. An annual variety with a growth form similar to the variety Hubam. Annual is dominant to biennial in crosses.

The following were developed by B. P. Goplen, Research Station, Agriculture Canada, 107 Science Cresc., Saskatoon. Donated by Agriculture Canada, Saskatchewan Research Station, Saskatoon, Saskatchewan, Canada. Received 1970.

PI 595396. *Melilotus albus* Medikus

Cultivar. "POLARA"; SL-577 (BREEDER 79-75000); NSL 77599. CV-41. Pedigree - The low coumarin gene cu was incorporated into the well-adapted cultivar Arctic. Three backcrosses were employed using honeybees and large plant populations. A total of 302 progenies were established in replicated tests, and 20% of the progenies were rogued prior to flowering. Released 1970. A low coumarin cultivar of sweetclover. Will not cause hemorrhaging or "sweetclover disease" in farm livestock. Adapted to Western Canada. Seed and forage yields approximately 10% less than the cultivar Arctic.

The following were donated by D.R. Dewey, USDA-ARS, Forage and Range Research Laboratory, Utah State University, UMC-63, Logan, Utah 84322, United States; Ren Jiz-Hou, Gansu Grassland Ecological Institute, Utah State University, Lanzhou, Gansu, China. Received 01/27/1991.

PI 595397. *Melilotus officinalis* Lam.

Uncertain. D-2767; Yellow-flowered one-seeded sweet-scented; Ames 18509.

The following were donated by L.T. Colon, CPRO-DLO, Droevendaalsesteeg 1, Wageningen, Netherlands. Received 11/09/1995.