

- PI 557524 **donor id:** U389. **origin:** United States. **pedigree:** Single plant of PI 165554, from India, was self-pollinated and resulting seed planted to produce 95 plants. The selfed seed from these plants was bulked to form the basis of line U389. **remarks:** Plants small, annual, white-flowered, and autogamous. Chamber-grown plants attain height of 35-50cm and produce ripe seed within about 8 weeks after planting. Numerous mutants isolated following treatment of U389 seed with ethyl methanesulfonate. Seed should be scarified before planting. Annual. Genetic Material. Seed.
- PI 557525 **donor id:** U390. **origin:** United States. **pedigree:** The dw mutation carried by line U390 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for dw (short-internode dwarf) gene, which is inherited as a simple recessive. Plants have about same number of nodes as their normal counterpart (line U389), but do not branch. Attain height of only 5-10cm compared to 35-50cm for U389 plants. Seed should be scarified before planting. Annual. Genetic Material. Seed.
- PI 557526 **donor id:** U391. **origin:** United States. **pedigree:** The mf mutation carried by line U391 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for Mf (multifoliate leaf) gene, which is inherited as dominant. Leaves on single plant may have one to six leaflets rather than the normal three. Seed should be scarified before planting. Annual. Genetic Material. Seed.
- PI 557527 **donor id:** U392. **origin:** United States. **pedigree:** The cl mutation carried by line U392 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for cl (curled leaf) gene, which is inherited as simple recessive. Plants characterized by curled leaflets and twisted or curved stems, petioles, and flower parts. Seed should be scarified before planting. Annual. Genetic Material. Seed.