

45 plants intercrossed in each cycle.

PI 591455. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1151; UCNE-B(H)2. GP-284. Pedigree - UC NE-B(H)2. Germplasm pool selected from Team for increased nectar production through 2 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

PI 591456. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1275; UCNE-C(L)2. GP-285. Pedigree - UC NE-C(L)2. Germplasm pool selected from Vernal for decreased nectar production through 2 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

PI 591457. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1276; UCNE-C(H)2. GP-286. Pedigree - UC NE-C(H)2. Germplasm pool selected from CUF101 for increased nectar production through 2 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

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PI 591458. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1377; UCNP-A3(2). GP-295. Pedigree - UC NP-A3(2). Germplasm pool selected from African for increased dry weight and increased N-concentration through 2 cycles of phenotypic recurrent selection. Approx. 125 plants intercrossed in each cycle.

PI 591459. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1380; UCNP-HP3(2). GP-296. Pedigree - UCNP-HP3. Germplasm pool selected from Hairy Peruvian for increased forage dry weight and forage N-concentration through 2 cycles of phenotypic recurrent selection. Approx. 125 plants intercrossed in each cycle.

PI 591460. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1429; UCNP-M69-3(2). GP-297. Pedigree - UC NP-M69-3(2). Germplasm pool selected from Moapa 69 for increased forage dry weight through 2 cycles of phenotypic recurrent selection. Approx. 125 plants intercrossed in each cycle.

PI 591461. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1459; UCNP-M69(N2+NO3)2. GP-298. Pedigree - UC NP-M69(N2+NO3)2. Germplasm pool selection from Moapa 69 for increased forage N-concentration and forage dry weight through 2 cycles of phenotypic recurrent selection. Approx. 25 plants intercrossed in each cycle.

PI 591462. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1530; UCNP-M69-3(3). GP-299. Pedigree - UC NP-M69-3(3). Germplasm pool selected from Moapa 69 for increased forage dry weight and increased forage N-concentration through 3 cycles of phenotypic recurrent selection. Approx. 125 plants intercrossed in each cycle.

PI 591463. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UC-1618; UCNF-M69(I-0)2. GP-291. Pedigree - UC NF-M69(I-0)2. Germplasm pool selection from Moapa 69 for increased forage dry weight and increased forage N-concentration in the absence of