

yield through 2 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

PI 593252. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UCWSS-A(L)2; UC-1163. GP-312. Pedigree - UCWSS-A(L)2. Germplasm pool selected from CUF101 for decreased seed yield through 2 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

PI 593253. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UCDS-B(L)2; UC-1165. GP-313. Pedigree - UCDS-B(L)2 . Germplasm pool selected from Team for decreased seed yield at through 3 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

PI 593254. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UCDS-C(L)2; UC-1171. GP-316. Pedigree - UCDS-C(L)2 . Germplasm pool selected from Vernal for decreased seed yield through 2 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

PI 593255. *Medicago sativa* L. ssp. *sativa*

Breeding. Population. UCWSS-C(L)2; UC-1174. GP-317. Pedigree - UCWSS-C(L)2. Germplasm pool selected from Vernal for decreased seed yield through 2 cycles of phenotypic recurrent selection. Approx. 45 plants intercrossed in each cycle.

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PI 593256. *Glycine max* (L.) Merr.

Cultivar. "Cisne"; LN90-4129. CV-348; PVP 9600136. Pedigree - F4 selection from Burlison x Asgrow A3733. Indeterminate Group IV maturity (relative maturity 4.4) similar to Spencer. Compared to Spencer averaged 2% higher seed yield, 25 mg/seed-1 higher seed weight, 8 g/kg-1 higher seed protein concentration, and 12 cm shorter plant height. Similar to Spencer in seed quality and seed oil concentration. Has Rps 1-b and Rps 3 genes for resistance to phytophthora rot. Susceptible to brown stem rot, soybean cyst nematode (races 3 & 4) and sudden death syndrome. Flowers purple, tawny pubescence, tan pods at maturity, and dull yellow seeds with black hila.

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