PI 566953-continued

origin: United States. **developed:** R.S. Albrechtsen. **origin institute:** Utah Agric. Exp. Station, Utah State University, Dept. of Plants, Soils & Biometeorology, Logan, Utah 84322-4820 United States. **origin institute id:** UT74SDB1-1399. **cultivar:** BRACKEN. **pedigree:** Woodvale//Primus/S.D. 67-297. **other id:** CV-241. **source:** Crop Sci. 33(6):1413 1993. **group:** CSR-BARLEY. **restricted:** CSR. **remarks:** Six-rowed, smooth awned, midseason, erect growing, spring feed barley. Aleurone color white. 1000-kernel weight averages 37g. Compared to Steptoe, equal in heading date, plant height and test weight, but has stronger straw (18 vs. 33% lodging for Steptoe). Grain yield 2% lower than Steptoe in Utah tests (5838 vs. 5956kg ha-1) and 9% lower in Western Regional Spring Barley tests (4350 vs. 4770kg ha-1). Averages 2.1 percentage points higher than Steptoe in protein (13.0 vs. 10.9%). Field resistance to barley loose smut & covered smut. Moderate resistance to powdery mildew. Spring Annual. Cultivar. Seed.

PI 566954. Trifolium pratense L. FABACEAE Red clover

Donated by: Stratton, S.D., FFR Cooperative, 4112 East State Road 225, West Lafayette, Indiana 47906, United States. **remarks:** Cinnamon Red Clover. Received April 16, 1993.

origin: United States. **developed:** S.D. Stratton. **origin institute:** FFR Cooperative, 4112 East State Road 225, West Lafayette, Indiana 47906 United States. **cultivar:** CINNAMON. **pedigree:** Originated as a seeded strain cross among 3 FFR breeding lines that trace predominately to Arlington, Redman, Chesapeake and Lakeland with smaller contributions from numerous other sources. **other id:** CV-24. **source:** Crop Sci. 34(1):303 1994. **group:** CSR-CLOVER, RED. **restricted:** CSR. **remarks:** Medium red clover with both water marked (77%) and non-marked (23%) leaves. Six days earlier in spring flowering than Arlington and two days later than Kenstar. Flower color 46% dark pink, 37% medium pink, 8% light pink and 9% red. Resistant to northern anthracnose (Kabatiella caulivora), southern anthracnose (Colletotrichum trifolii) and powdery mildew (Erysiphe polygoni). Perennial. Cultivar. Seed.