

PI 556971 to 556972-continued

PI 556972 **origin:** United States. **historical origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Plant Genetics and Germplasm Inst., Beltsville, Maryland 20705. **cultivar:** CC XXXVII-B. **pedigree:** Composite cross between 19 male lines of *H. spontaneum* having excellent disease resistance to leaf rust, powdery mildew, and scald and female lines that were genetic male sterile stocks 124 and 128. **other id:** GP-56. **source:** Crop Sci. 21(2):351-352 1981. **group:** CSR-BARLEY. **remarks:** Composite cross populations will segregate for wide range of characters. Broad spectrum of disease resistance genes. Breeding Material. Seed.

PI 556973 to 556975. *Trifolium* hybrid FABACEAE

Donated by: Taylor, N.L., Kentucky Agr. Exp. Sta., University of Kentucky, Lexington, Kentucky, United States. Received October 21, 1991.

PI 556973 **origin:** United States. **origin institute:** Kentucky Agr. Exp. Sta., University of Kentucky, Lexington, Kentucky 40546. **pedigree:** *Trifolium pratense* / *T. diffusum* PI 204517. **other id:** GP-3. **source:** Crop Sci. 13(6):777 1973. **group:** CSR-OTHER LEGUMES. **remarks:** Vegetative characteristics intermediate between parents. Flower color light to medium red. Seeds kidney shaped, colored similarly to *T. pratense*. Naturally cross-pollinated, but will set more seeds by selfing than normal. Growth habit annual. Nonwinterhardy in Lexington, KY. May be grown as a winter annual in the extreme southeastern U.S. Breeding Material. Seed.

PI 556974 **origin:** United States. **origin institute:** Kentucky Agr. Exp. Sta., University of Kentucky, Lexington, Kentucky 40546. **pedigree:** *Trifolium sarosense* (PI 292827) / 4XT. *alpestre* (PI 314116). **other id:** GP-9. **source:** Crop Sci. 18(6):1102 1978. **group:** CSR-OTHER LEGUMES. **remarks:** Pollen stainability ranges from 41-73, with mean of 63% as contrasted to parental species which show excess of 90%. Flower color purple. Heads elongated. Some exhibited chlorosis. Self-incompatible. Seeds are kidney shaped and similar size as parents. Doubtful any agronomic value due to low seed set, but may be of value for further interspecific research involving red clover. Breeding Material. Seed.