

PI 559719 to 559720-continued

PI 559719 **origin:** United States. **developed:** J.S. Quick. **origin institute:** Colorado Agr. Exp. Sta., Dept. of Agronomy, Colorado State University, Ft. Collins, Colorado 80523 United States. **cultivar:** LAMAR. **pedigree:** 74 F878 (Mexican dwarf)/Wings//Vona. **other id:** CO820009. **remarks:** Awned, white-chaffed wheat. Height medium. Grain yield average higher than Sandy, Baca, Carson. Plant height and maturity intermediate between Carson and Sandy. Lodging less than Sandy and Baca. Milling and baking quality equal to Baca. Well suited to dry soil conditions. Yields better than all other tall cultivars under severe low moisture conditions. Taller wheat providing adequate height for harvesting in a dry year. Tolerates long periods without water because of extensive root system and waxy covering of leaf surfaces. Cultivar. Seed.

PI 559720 **origin:** United States. **developed:** J.S. Quick. **origin institute:** Colorado Agr. Exp. Sta., Dept. of Agronomy, Colorado State University, Ft. Collins, Colorado 80523 United States. **cultivar:** YUMA. **pedigree:** NS14/NS25//2\*Vona. **other id:** CO850061. **other id:** PVP 930009. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Early, semidwarf hard red winter wheat. Height, maturity and coleoptile length similar to Vona, hence, adapted to all of eastern Colorado where semidwarfs may be appropriate. Grain yield superior to Vona and equal to TAM 107 & TAM 200. Test weight similar to TAM 107 in 1989 and 1990. Heat tolerance during grain filling equal to TAM 107. Leaf rust resistance superior, and wheat curl mite resistance slightly inferior to TAM 107. Grain quality superior to TAM 107, equal to Vona. Cultivar. Seed.

PI 559721. *Avena sativa* L. POACEAE Common oat

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