

PI 564164 to 564165-continued

PI 564164 **origin:** United States. **cultivar:** RTX433. **pedigree:** Derived from (Tx414 crossed with SC0108-6-6-2-E2)-15-1-2-1-1-X-X. First 6 of the foregoing is underlined. 2 (in "E2") is a subscript. X's represent two generations of selfing. **other id:** PL-141. **source:** Crop Sci. 24(6):1225 1984. **group:** CSR-SORGHUM. **remarks:** Info. from Crop Sci. 24(6):1225 (1984) -- 3-dwarf. 100 - 110 cm tall. Resists most insecticide phytotoxic reactions. Dull midrib color. Purple plant color. Mahogany glumes. Awnless. Non-erect leaves. Non-senescent. Spikelet single seeded. Slightly hirtellous & flattened bioconvex caryopsis. Red. Thick mesocarp. No pigmented testa. Panicle long. Cylindrical. Semi-compact to slightly open. Foliar disease, downy mildew & anthracnose resistant. Can develop physiological black/purple spot on leaves. High yield. Cultivated. Breeding Material. Seed.

PI 564165 **origin:** United States. **cultivar:** RTX434. **pedigree:** Derived from (Tx414 crossed with SC0108-6-6-2-E2)-15-2-3-6-3-6-1-X-X. First 6 of the foregoing is underlined. 2 (in "E2") is a subscript. X's represent two generations of selfing. **other id:** PL-142. **source:** Crop Sci. 24(6):1226 1984. **group:** CSR-SORGHUM. **remarks:** Info. from Crop Sci 24(6):1226 (1984) -- high yield. Red-seeded. 3-dwarf. Well adapted tropics. Non-senescence. Panicle long. Cylindrical. Semi-compact to slightly open. Rachis nodes hirsute. Large number spikelets which are single seeded. Slightly hirtellous. Awnless. Tip straw colored. Mahogany base. Caryopsis red, flattened and biconvex. Thick mesocarp. Purple necrotic plant color. Juicy. Resistant anthracnose & downy mildew. Excellent green leaf retention and combining ability. Useful as restorer. Cultivated. Breeding Material. Seed.

PI 564166. *Medicago sativa* L. FABACEAE Alfalfa

**Donated by:** Sorensen, E.L., Agricultural Research Service - USDA, Kansas State University, Agronomy Dept., Manhattan, Kansas 66506, United States; and Kansas Agr. Exp. Sta.. **remarks:** KS 221 Alfalfa Germplasm. Received November 19, 1992.