

439951 TO 439983-continued

(Poaceae) Standard crested wheatgrass.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.

439951. P-111. Collected July 28, 1977. Upland sands, Beshpagin, 64km southeast of Stavropol. 400m. Plants to 30cm tall. Wild. Seed.
439952. P-134. Collected July 28, 1977. Upland sands, Beshpagin, 64km southeast of Stavropol. 400m. Plants to 50cm tall. Wild. Seed.
439953. D-1319. Collected July 21, 1977. Levokumskoye Village, eastern part of Stavropol Kray. Obtained from D.S. Dsitov. Conditions very dry. Wild. Seed.
439954. D-1491b. Collected July 28, 1977. Beshpagin hills, about 50km east of Stavropol. 400m. Includes D-1493, -1503, -1504, -1505, -1506, -1507 and -1509. Soviet collectors identify this population as *A. sibiricum*. Plants large, to 1 m tall. Spikes broad. Awns short or absent. Wild. Seed.
439955. D-1492b. Collected July 28, 1977. Beshpagin hills, about 50km east of Stavropol. 400m. Includes D-1498, -1500, -1517, -1518, -1520 and -1524. Plants tall. Spikes long and narrow. Wild. Seed.
439956. D-1494b. Collected July 28, 1977. Beshpagin hills, about 50km east of Stavropol. 400m. Includes D-1495, -1496, -1501, -1502, -1521 and -1523. Spikes short, small, and narrow. Short rhizomes possibly present. Wild. Seed.
439957. D-1497b. Collected July 28, 1977. Beshpagin hills, about 50km east of Stavropol. 400m. Includes D-1510 and -1522. Morphology similar to *A. sibiricum*, with all intergrades between typical *A. sibiricum* and *A. desertorum* occurring. Spikes narrow. Awns short. Wild. Seed.
439958. D-1499b. Collected July 28, 1977. Beshpagin hills, about 50km east of Stavropol. 400m. Includes D-1508. Spikes small, pigmented, pubescent. Awnless. Wild. Seed.
439959. D-1511b. Collected July 28, 1977. Beshpagin hills, about 50km east of Stavropol. 400m. Includes D-1512. Spikes small. Wild. Seed.
439960. D-1513. Collected July 28, 1977. Beshpagin hills, about 50km east of Stavropol. 400m. Plants late-maturing. Wild. Seed.