

452489 TO 452498-continued

- south of Midvale, Idaho. 1000M. Lat. 44 deg. 30' N, long. 117 deg. W. Thirty-year old hayfield. Few variegated plants. Plants dessicated. Grasshopper damage. Possibly 'Ranger'. Cultivated. Seed.
452491. R-3. Collected August 02, 1980. W. Sutton farm, 8km northeast of Midvale, Idaho. 975M. Lat. 44 deg. 30' N, long. 117 deg. W. Forty-year old upland pasture. Plants mixed with crested and intermediate wheat grasses, and sage brush. Cultivated. Seed.
452492. R-4. Collected August 02, 1980. D. Guertner farm, 12km south of Midvale, Idaho. 1025M. Lat. 44 deg. 30' N, long. 117 deg. W. Thirty-year old pasture. Plants mixed with intermediate wheat grass. Pods coiled. Cultivated. Seed.
452493. R-5. Collected August 02, 1980. Milt Branch Ranch, 25km northeast of Midvale, Idaho. 1150M. Lat. 44 deg. 30' N, long. 117 deg. W. Twenty-eight year old pasture. Plants mixed with crested and intermediate wheat grass. Flowers variegated. Yield excellent. Possibly 'Ranger'. Cultivated. Seed.
452494. R-45. 'Orenberg'. Collected August 27, 1980. R. S. Turner Ranch, 50km north of Chester, Montana. 1000M. Lat. 48 deg. 50' N. long. 111 deg. W. Old stand. Invaded by *Agropyron cristatum*. Nodule sample. Cultivated. Seed.
452495. R-46. 'Cossack'. Collected August 28, 1980. Les Otness Ranch, SW 1/4, Sec. 8, T24N R4W, 5km NE of Choteau, Montana. 1100M. Field seeded in 1910. Flowers blue-purple. Seed scarce. Nodules scarce. Nodule sample. Cultivated. Seed.
452496. R-49. Collected August 29, 1980. T. Evans Ranch, 6km northwest of Stanford, Montana. 1200M. Lat. 47 deg. N, long. 110 deg. 10' W. Old stand spread over rangeland. Nodules scarce, small. Nodule sample. Cultivated. Seed.
452497. R-51. Collected August 29, 1980. Central Montana Agricultural Research Center, 2km W of Moccasin, Montana. 1323M. Lat. 47 deg. N, long. 110 deg. W. Field seeded in 1910. In crested wheatgrass. Flowers variegated. Few small nodules. Nodule sample. Cultivated. Seed.
452498. R-52. Collected August 29, 1980. Central Montana Agricultural Research Center, 2km W of Moccasin, Montana. 1323M. Lat. 47 deg. N, long. 110 deg. W. Field seeded in 1930 with crested wheatgrass. Used for hay. Flowers variegated. Nodules few, small. Nodule sample. Cultivated. Seed.