

- * Zea mays L. subsp. mays POACEAE Maize
origin: United States. **cultivar:** SD101. **pedigree:** CM65/SD37 related line. Selfed 10 generations. **other id:** PL-130. **group:** CSR-MAIZE. **remarks:** Parental line with source of resistance to lesion nematode. Maturity AES400. Plants 137cm tall, dark green. Tassels small. Cobs red with 14 to 18 rows. Kernels medium-size. Stay green, earfill, stalk and root strength good. Vigor excellent. **disease resistance:** Northern corn leaf blight (*Exserohilum turcicum*). **nematode resistance:** Diplodia stalk rot (*Diplodia maydis*). Lesion nematode (*Pratylenchus hexincisus*, *P. scribneri*). Annual. Breeding Material. Seed.

PI 533659 to 533660. Zea mays L. POACEAE Corn

Donated by: Wicks, III, Z.W., Plant Science Dept., South Dakota State University, Brookings, South Dakota, United States. **remarks:** Developed by the Agricultural Experiment Station, South Dakota State University and released in March, 1987. Received June 30, 1989.

- * PI 533659 Zea mays L. subsp. mays POACEAE Maize
origin: United States. **cultivar:** SD102. **pedigree:** Pioneer 3710 selection backcrossed for 10 generations. **other id:** PL-131. **group:** CSR-MAIZE. **remarks:** Parental yellow dent source of resistance to lesion nematode. Maturity AES400. Plants 129cm tall. Cobs red with 14 to 16 kernel rows. Ear fill good. Stalk and root strength, loose husks good. Moisture content about 20% 60 days after pollination. Combines well with A632. Suitable for central and southern South Dakota. **nematode resistance:** Lesion nematode (*Pratylenchus hexincisus*). Annual. Breeding Material. Seed.
- * PI 533660 Zea mays L. subsp. mays POACEAE Maize
origin: United States. **cultivar:** SD103. **pedigree:** Pioneer 3710 selection backcrossed for 10 generations. **other id:** PL-132. **group:** CSR-MAIZE. **remarks:** Parental yellow dent source of resistance to lesion nematode. Maturity AES400. Plants 138cm tall. Cobs red with 14 to 16 kernel rows. Ear fill good. Stalk and root strength, loose husks good. Moisture content about 20% 60 days after pollination. Combines well with A619. Suitable for central and southern South Dakota. **nematode resistance:** Lesion nematode (*Pratylenchus hexincisus*). Annual. Breeding Material. Seed.