Registration of Parental Lines

REGISTRATION OF 20 MAIZE PARENTAL LINES
(Reg. Numbers PL 18 to 37)

M. S. Zuber

The inbred lines listed below were developed through cooperative research by the Missouri Agricultural Experiment Station and the Agricultural Research Service, U.S. Department of Agriculture. These lines were released for their potential use in breeding programs. Seed will be maintained by self-pollination at the Missouri Agricultural Experiment Station with seed distribution in larger quantities by the Missouri Foundation Seed Project.

Mo2RF (Reg. No. PL 19), a white endosperm line with a white cob developed from B2 x 35-16, is a plant type very much like 35-16 but lacks the cytoplasmic sterility problems associated with 35-16. Maturity classification is AES800.

Mo3 (Reg. No. PL 20), a yellow endosperm line with a white cob developed from (38-11) x R136, is similar in plant type to 38-11 but matures later. It contributes good combining ability and fast drying. Although somewhat susceptible to leaf smut in early plant development, that becomes less evident at maturity.

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