

Report of the Subcommittee for Germplasm Releases

The following germplasms were released since the 2001 report:

<u>Release</u>	<u>Source</u>	<u>Comments</u>
Inbreds:		
CO441	Jacques 7700 x CO298	This line was derived by pedigree selection from a self of the cross between the hybrid Jacques 7700 and the inbred CO298. CO441 is the latest release with improved resistance to gibberella ear rot; it was selfed for 9 generations with 7 selections for resistance after artificial inoculation. This line has excellent silk and kernel resistance, combines well with Mo17 type testers and has good yield potential. 85 DRM.
ND291	NDSM(M)C1	Yellow-dent inbred line derived from synthetic breeding population, NDSM(M)C1 after 6 generations of pedigree selection and 5 years of late generation testing. Hybrids with this inbred as a parent produced high yield for maturity ratios, high-test weights, and good resistance to stalk and root lodging when grown in North Dakota. Good combining ability with early non-BSSS types. Good source for developing early maturing inbreds. AES maturity 200.
ND2000	NDSCD(M)C8	Yellow-dent inbred line derived from the synthetic breeding population, NDSCD(M)C8 after 6 generations pedigree selection and 3 years of late generation testing. Hybrids with this inbred as a parent produced high grain yield across locations and years, high-test weights, and above average stalk and root lodging resistance. Good combining ability with early non-BSSS types. Good source for developing early and high-yield maturing inbreds. AES maturity 200.
NY5526	Multiple Borer Resistant population (CIMMYT) S2	Flowers 3-4 days later than B73, developed by selfing and selection for European corn borer resistance, stalk boring resistance better than DE811.
NY6371	Multiple Borer Resistant population (CIMMYT) S2	Flowers about the same time as B73, developed by selfing and selection for European corn borer resistance, stalk boring resistance slightly better than DE811

Populations and Synthetics:

None

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