

This newsletter shares current research on genetics, cytogenetics, molecular biology, and genomics of maize. Information is shared by Cooperators with the understanding that it will not be used in publications without their specific consent.

Send your notes for the 2009 Maize Genetics Cooperation Newsletter now, anytime before December 1. Your MNL Notes will go on the Web verbatim, and will be prepared for printing in the annual issue. Be concise, not formal, but include specific data, tables, observations and methods. Articles that require extensive editing will be returned. Check MaizeGDB for the most current information on submission of notes. Send your notes as attachments or as the text of an email addressed to MaizeNewsletter@missouri.edu (we will acknowledge receipt, and will contact you further if necessary). If email is not feasible, please mail a double-spaced, letter-quality copy of your note, preferably with a disk containing the electronic version. Please follow the simple style used in this issue (city /institution title / --authors; tab paragraphs; give citations with authors' initials --e.g., Maizer, BA et al., J Hered 35:35, 1995, or supply a bibliography). Figures, charts and tables should be compact and camera-ready, and supplied in electronic form (jpg or gif) if possible. To separate columns in tables, please tab instead of using spaces, to ensure quality tabulations on the web. Your MNL Notes will go on the Web verbatim promptly, and will be prepared for printing in the annual issue. Mailing address:

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SEND YOUR ITEMS ANYTIME; NOW IS YOUR BEST TIME

MNL 51ff. on line

MaizeGDB - <http://www.maizegdb.org>

Author and Name Indexes (and see **MaizeGDB**)

Nos. 3 through 43

Nos. 44 through 50

Nos. 51 to date

Appendix to MNL 44, 1970 (copies available)

MNL 50:157

Annual in each issue

Symbol Indexes (and see **MaizeGDB**)

Nos. 12 through 35

Nos. 36 through 53

Nos. 54 to date

Appendix to MNL 36, 1962 (copies available)

MNL 53:153

Annual in each issue

Stock Catalogs

Each issue, updates only after No 78, and MaizeGDB

Rules of Nomenclature (1995)

MNL69:182 and **MaizeGDB** (1996 update)

Cytogenetic Working Maps

MNL 52:129-145; 59:159; 60:149 and **MaizeGDB**

Gene List

MNL69:191; 70:99 and **MaizeGDB**

Clone List

MNL 65:106; 65:145; 69:232 and **MaizeGDB**

Working Linkage Maps

MNL 69:191; 70:118; 72:118; 77:137; 78:126; 79:116; 80:75; 82:87

MaizeGDB

Plastid Genetic Map

MNL 69:268 and **MaizeGDB**

Mitochondrial Genetic Maps

MNL 70:133; 78:151 and **MaizeGDB**

Cooperators (that means you) need the Stock Center.

The Stock Center needs Cooperators (this means you) to:

- (1) Send stocks of new factors you report in this Newsletter or in publications, and stocks of new combinations, to the collection.
- (2) Inform the Stock Center on your experience with materials received from the collection.
- (3) Acknowledge the source, and advice or help you received, when you publish.

MaizeGDB needs Cooperators (this means you) to:

- (1) **Contact Carolyn Lawrence if you are preparing a grant that will generate large data-sets that you wish to be stored at MaizeGDB, Do this before submission to allow appropriate budgeting.**
- (2) New genes? Send email to MaizeGDB with details of **NEW GENES**. Request access to the community curation tools and add your data to the database directly.
- (3) Look up "your favorite gene or expression" in **MaizeGDB** and send refinements and updates via the public **annotation** link at the top of all MaizeGDB pages.
- (4) Compile and provide mapping data in full, including, as appropriate, map scores; phenotypic scoring; recombination percentage and standard error; any probes and primer sequences; and other details significantly useful to colleagues. If not published, submit a note to this Newsletter, along with data for inclusion in MaizeGDB.
- (5) Provide BAC-probe/gene relationships for BACs on public physical map (<http://www.genome.arizona.edu/maize>), especially if probes/genes have been genetically mapped. This will improve the genome sequence and its annotation.

May you find a Unique corn in MM!