



<https://www.hochholdinger-lab.uni-bonn.de/cfg/crop-functional-genomics/research/bonnmu-reverse-genetic-resources>

BonnMu Resources: How to order seeds and requirements?

We share the seeds on a collaborative basis. Therefore, I attached an MTA according to our university's policy. The reason behind the MTA is, that I was working several years on establishing this new resource without external funding. Therefore, I would like to ask to include at least me and maybe Frank Hochholdinger as co-authors if any of the mutants would make it into one of your future papers. In Annex 1 (simply created by you) of the MTA please list the BonnMu-stock Ids (e.g. BonnMu-1-A-0025) you are requesting and shortly summarize the research purpose (1-3 sentences are enough).

We will ship ten seeds per F_2 -family which means you have to propagate them before using them. (Genotyping is recommended to validate insertions. This can be easily done in parallel during growing period. The UniformMu group established a quite nice protocol: (<https://www.maizegdb.org/uniformmu>). In addition qRT-PCR analysis will be necessary to see if the insertion changes the expression of the Mu-tagged gene.) We are regularly propagating BonnMu stocks, if we are running out of the material. Usually, we will then send 20-30 seeds bulked from several F_3 plants. But it happens from time to time, that we can not share BonnMu stocks, because we are in the middle of the propagation process.

IMPORTING SEEDS TO THE US:

For legal import to the US you have to apply for an USDA import permit. Germany does have US market access for corn seed. You can import this seed under a Small Lots of Seed permit, without a phytosanitary certificate. You can apply for the Small Lots permit under the PPQ 587 application at <https://efile.aphis.usda.gov/>.

Important: Commodity type must be „Small Lots of Seeds“

Please read that permit carefully as it contains important information about the shipping procedure. (50 small lots of seeds can go in one order transaction.)

We will no longer accept other import permits, which require a phytosanitary certificate!

Finally, what **YOU** have to provide:

1. Copy of the USDA import permit (PPQ587) →
Commodity type must be „Small Lots of Seeds“ This import permit allows shipment of a maximum of 50 seeds! **You have problems to get the correct permit? Please contact the USDA.**
2. Green/yellow mailing label (to be applied together with the USDA permit)
3. A one page statement with this info: permit holder name, delivery address, phone number, and invoice/seed list
4. Your FedEx account (9-digit code). This will be needed for sending documents and seeds to the USDA for seed inspection.

What we will provide:

1. Seeds (labeled with BonnMu-stock ID and this info:
Shipper: Dr. Caroline Marcon
Country: Bonn, NRW, Germany
Species: *Zea mays subsp. Mays*
Seed packages will go into an inner envelope. We will not seal that envelope to allow seed inspection at USDA.
2. Export permit
3. Outer package (including the import permit, one page statement and inner package with the seeds)
4. Ordering FedEx pick-up service using your FedEx account.