

**From:** [Alex Feltus](#)  
**To:** [Bill Rooney](#)  
**Subject:** RE: [REDACTED] Mapping Populations  
**Date:** Monday, November 09, 2009 4:17:36 PM

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Bill:

I hope you are well. You requested an "Early November" reminder about sorghum tissue.

Let me know if you want me to pay for shipping. Also, if you have any seeds ([REDACTED] & [REDACTED]) that would be super as we want to map hydrolysis yield potential (HYP) QTLs in more than one environment. Of course I would share all results with your group.

Thank you so much for your help with this,  
Alex

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Alex Feltus, Ph.D.  
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-----Original Message-----

From: Bill Rooney [<mailto:wlr@tamu.edu>]  
Sent: Tuesday, October 13, 2009 2:35 PM  
To: Alex Feltus  
Subject: RE: [REDACTED] Mapping Populations

Yes, I checked with Terry a couple of weeks ago and we will be able to provide you with a ground sample of tissue for testing. It'll be later this fall before we can get everything together, so a reminder in early November would be best.

Regards,

Bill

Dr. William L. Rooney  
Professor, Sorghum Breeding and Genetics  
Chair, Plant Release Committee  
Texas A&M University  
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979 845 2151

-----Original Message-----

From: Alex Feltus [<mailto:FFELTUS@exchange.clemson.edu>]  
Sent: Tuesday, October 13, 2009 11:31 AM  
To: wlr@tamu.edu  
Subject: RE: [REDACTED] Mapping Populations

Bill:

I spoke with you a few weeks ago about obtaining seeds/tissue from the

[REDACTED]  
you going to forward the request to the appropriate people. Is this still a possibility?

Thanks for your time,  
Alex

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-----Original Message-----

From: Alex Feltus  
Sent: Wednesday, September 23, 2009 10:01 AM  
To: wlr@tamu.edu  
Subject: [REDACTED] Mapping Populations

Bill:

Nice to speak with you. Working on sorghum genomics with Andy Paterson and Steve Kresovich (et al), I've heard your name fly around a lot over the years. I'm primarily a bioinformaticist, but I am actively growing and analyzing sorghum.

We would like to measure sugar hydrolysis yield potential (HYP; sugar release following fungal cellulase treatment) in your RIO mapping populations. We have measured HYP on the USDA diversity panel and have ranked 386 varieties by HYP. My goal is to map genes that improve HYP in sorghum, and I have no plans for mapping soluble sugar genes (but I'd be happy to help from a genomics perspective!).

If you have tissue from whole plant, then we'd need on gram (dry weight) or greater from all the offspring. Alternatively, we could grow out either RIOx population next year in SC/GA. I'd be happy to pay for shipping.

Thanks again,  
Alex

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