Objective 1. Year 1
Develop and Phenotype Mapping
Populations,
Develop Improved Phenotyping Methods
Training
Project Coordination

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YR1 Timeline

• Group discussion of research plans and protocols
  – Jan 2005 – PAG meeting: Establish data template structure, Outline comparative sheath blight screening test
  – Met with ARS statistical consultant – Outline field experimental design and plan for statistical analysis

YR 1 Timeline

• Feb – Annual breeders meeting finalize field plans
• April – Distributed seed for MY 1 to cooperators
• May – Planting of MY1 in AR, LA, and TX
• Initiated cooperative sheath blight tests in GH and field
• Sept - Harvest of field trials
Outcomes of SAB Feedback and Planning Meetings

- Plant 3 locations instead of 2
- Harvest two best locations
- Protocol changes
- Third location performs milling of all samples
- Repeat MY1 at 1 location in YR2

Beaumont 2005 MY1
2005 TX MY1 Parental Plot Stands

CPRS Slightly Better Plots
MY1 Population Plot Stands 2005 TX

Percent of Texas Plots With Suitable Stands

Excellent
Acceptable
Drop
Next Steps in 2005

- Continue to observe development of plots at all locations
- Select two sites to harvest
- Select site to conduct milling
- Finish data collection on Rice Foundation study
- Summarize 2004 Rice Foundation Project data
- Identify grain parameters to measure on harvested RiceCAP plots
- Aug/Sept – harvest plots
Sheath Blight Assay

• Jan- March - Develop protocols for 2005
• April - Initiate greenhouse studies
• May – Plant field verification studies
• June, Aug – collect and summarize results
• Plans for 2006
### Proposed changes to original plans

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<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
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<tbody>
<tr>
<td>MY 1</td>
<td>AR</td>
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<td>Field</td>
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<tr>
<td>MY 2</td>
<td>Development</td>
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<td>SB 1</td>
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**Colombia screening?**