Virtual Reality Cotton Training

Mike McCue
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International Cotton Advisory Committee
ICAC activities

• Statistical data
• Technical information
• Trade analysis
• Economic forecasts
ICAC activities

• Statistical data
• Technical information
• Trade analysis
• Economic forecasts
  • Innovation
  • Technology
World Café: How It Works

• After the break, choose a table with your preferred language
• Ask questions, share your thoughts, exchange ideas
• Relay table highlights to the group
ICAC’s VR Cotton Training Programme
VR Advantages

• Accurate and realistic simulations (safely!)
• Allow for a large numbers of participants in various locations
• Interactivity with user
• Lower cognitive load for learning
• Fun and enjoyable (except when stalked by sharks)
• Cost-effective (remote, multiple users, etc.)
Africa Needs:

• A new system of plant architecture
• New planting geometry
• Canopy management
• Soil health management
• Ecological engineering for pest management
<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>AREA STATISTICS '000 HA</th>
<th>YIELD KG/HA</th>
<th>CURRENT LINT PRODUCTION '000 TONNES</th>
<th>POTENTIAL PRODUCTION '000 TONNES (YIELD 780 KG/HA)</th>
<th>ADDITIONAL LINT PRODUCTION '000 TONNES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MALI</td>
<td>782</td>
<td>353</td>
<td>276</td>
<td>610</td>
<td>334</td>
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<tr>
<td>CHAD</td>
<td>375</td>
<td>53</td>
<td>20</td>
<td>293</td>
<td>273</td>
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<tr>
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<tr>
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<td>295</td>
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<tr>
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<tr>
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<td><strong>1,132</strong></td>
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<td><strong>1,387</strong></td>
</tr>
</tbody>
</table>

NET GAIN: 1.4 million tonnes!