Trial Summary - Rice

**Trial date:** 2015  
**Report:** Fertiliser trial results season B 2015  
**Trial type:** Split block comparisons  
**Product:** C active foliar  
**Country:** Rwanda  
**Company:** ICM Agribusiness  
**Location:** Bugarama, Gikonko, Rwamagana  
**Crop:** Rice  
**Variety:** Mfashingabo in Gikonko / Rwamagana  
Basmati 370 in Bugarma  
**Irrigation:** Flood irrigation  
**Plot size:** 30 square meter / plot  

**Fertiliser:** ICM Protocol  
NPK 750g @ 0 DAT (Days after transplant)  
Urea 228g @ 16 DAT  
Urea 300g @ 40 DAT  
Potassium sulphate 210g @ 50 DAT  
Agrisil 50mL/15L water @ 85 DAT  

ICM Protocol + Biofertiliser (C active)  
C active application timing  
1. Nursery  
2. 20 DAT  
3. 35 DAT  

**C active Application:** Knapsack  

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**Table 1: Rice Production Data**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Bugarma (T/Ha)</th>
<th>Gikonko (T/Ha)</th>
<th>Rwamagana (T/Ha)</th>
<th>Average (T/Ha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICM protocol</td>
<td>4.02</td>
<td>4.45</td>
<td>5.54</td>
<td>4.67t</td>
</tr>
<tr>
<td>ICM protocol + Biofertiliser</td>
<td>4.70</td>
<td>5.90</td>
<td>6.99</td>
<td>5.86</td>
</tr>
</tbody>
</table>
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Yield: Across 3 sites Biofertiliser (C active) increased yield by 1.19 T/Ha when used in addition to the standard ICM protocol.

Conclusion: The effect of C active was first seen in the nursery. Results in Rwanda were similar to split block demonstrations in Ghana in 2014. Without reducing nitrogen inputs Biofertiliser (C active) was affective.

Full trial reports can be supplied on request.