Precision Agronomy to Protect Farmer Profits & the Environment

- RCPP Advanced Precision Ag for Sustainable Conservation
- Understanding in-field variable yield potential to match inputs to productivity level.
The RCPP Advanced Precision Ag for Sustainable Conservation project is for applicants within the Red River and Lower Cumberland Watersheds. The goal is to advance the implementation of on-farm precision agriculture practices to help ensure the sustainability, resilience, and continued productivity of the area’s working lands while improving productivity gains for the producers.
Death by Averages

Overapplication
Loss of $$$
Environmental Concerns?

Opportunity

Under Application
Yield Drag?

Low Productivity Areas  Medium Productivity Areas  High Productivity Areas

0  50  100  150  200  250  300

NutriCrop SOLUTIONS
Spent on Average $730.50/acre/yr to lose $32.85/ac
17 Yield by Zone

Gross Rev. by Zone

Bu Per Ac

Rev $ Per Ac

Avg. Gross Rev./Ac $769

$3.50/BU Market
Profit Mapping
HD SEED to HDZ Management Zones

<table>
<thead>
<tr>
<th>CYG</th>
<th>C Seedrate N Rate</th>
<th>SB YG</th>
<th>SB Seedrate</th>
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<tbody>
<tr>
<td>1</td>
<td>Min &lt;= 1.6</td>
<td>150</td>
<td>21750</td>
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<tr>
<td>2</td>
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<td>5</td>
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<tr>
<td>6</td>
<td>7.5 &lt;= Max</td>
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