Strip Till

- Fall with AA (10-34-0)
  - Fine textured soils
  - Temperature of soil <50° (Nov. 1)
  - If >50° soil temperature
  - Could use N-Serve
  1 qt/a = $8 to $10
Projected Growing Season Evaporation on Corn
Garden City, KS – N.L. Klocke, 2004

Corn ET = 26 inches  (T = 18.2  E = 7.8)

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>ET (in)</th>
<th>Savings over Bare Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bare Soil</td>
<td>32</td>
<td>1 - 2</td>
</tr>
<tr>
<td>Corn Stover</td>
<td>35</td>
<td>15 - 16</td>
</tr>
<tr>
<td>Wheat Stubble</td>
<td>17</td>
<td>15 - 16</td>
</tr>
</tbody>
</table>

1 – Irrigated Once a Week
2 – Irrigated Twice a Week

Management Strategies

Residue Management

Water Savings

Tillage – 0.33 – 0.75 inches per tillage pass

Evaporation – 2 – 3.8 inches

Soil Water Increase – 3 – 5 inches

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