Ecological Management on Working Lands
KBS-Long Term Ecological Research

*gradient of landuse intensity*

Annual crops  Perennial crops  Conservation and semi-natural lands
Conventional

No-Till
On Stakeholders
No-Till Benefits Farmers: Yield

<table>
<thead>
<tr>
<th>Year</th>
<th>No-till</th>
<th>Conventional</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2000</td>
<td>1,000</td>
<td>2,000</td>
</tr>
<tr>
<td>2010</td>
<td>2,000</td>
<td>3,000</td>
</tr>
</tbody>
</table>

Yield (kg/ha)
Custom Rate ($/ha): install & maintain

Input Costs ($/ha): chemical costs
Convert to No-Till?
A Sustainable Path

Profitability Threshold

BENEFIT - COST

$100/ha/yr

16 Years

1990  2000  2010

Year

Accumulated USD/ha

-500  0  500  1000  1500

+100/ha/yr
Looking toward the future
Diversified Landscapes
Climate Change
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