Relevance. Beef Cattle is the number one Agriculture Industry in Texas. Beef cattle are one of the three top Agriculture Income Industries in Nacogdoches County. Nacogdoches County ranks number one in East Texas and number eight in the state in total Agriculture Income. The Nacogdoches Beef & Forage Field Day was scheduled to educate beef producers on various topics including forage production such as utilizing clovers, warm season grasses, as well as various beef cattle management topics.

Response. The Nacogdoches County Annual Beef and Forage Field Day were held this year at R.J. Halbert’s Angus Ranch in Melrose, Texas on April 13, 2007. Topics included Clover and Forage Management, Farm Pond Management, Feral Hogs in Pastures, Pasture and Aquatic Weed I.D. and Control, Live Cattle Evaluation both bulls and heifers, Vaccination Programs for Cattle, and Controlling External Parasites on cattle.

Results. In order to determine programmatic results of the Beef and Forage Field Day a retrospective post evaluation was administered to participants.

Table 1. Mean score differences using a Likert scale1 to reveal perceptual knowledge concerning the Piney Wood Cow Congress increases using a retrospective post evaluation strategy.

<table>
<thead>
<tr>
<th>Topics</th>
<th>Before</th>
<th>After</th>
<th>Change</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farm Pond Management</td>
<td>1.57</td>
<td>3</td>
<td>.98</td>
<td>98%</td>
</tr>
<tr>
<td>Beef Cattle Vaccines</td>
<td>2.29</td>
<td>2.93</td>
<td>.64</td>
<td>28%</td>
</tr>
<tr>
<td>Cattle Parasite Control Methods.</td>
<td>2.23</td>
<td>3.29</td>
<td>.65</td>
<td>46%</td>
</tr>
<tr>
<td>Clover and Forage Management Options</td>
<td>2.14</td>
<td>3.07</td>
<td>.93</td>
<td>43%</td>
</tr>
<tr>
<td>Farm Pond Water Quality Issues.</td>
<td>1.64</td>
<td>2.93</td>
<td>.79</td>
<td>79%</td>
</tr>
</tbody>
</table>

- Likert scale is indicated by the following scale: 1= poor, 2 = average, 3 = good, 4 = excellent.
- Percent change is calculated by the following formula: [(After –before) / before] * 100
- Blue indicates change of 90% and greater, Orange indicates change between 70% and 80%, Green indicates change between 40% and 50%, Yellow indicates change 30% and below.

Satisfaction. This section of results focused on satisfaction. The results are below:

• 12 of 14 (86%) respondents stated they were very satisfied with the overall Texas Cooperative Extension and Cooperative Extension Program.

• 2 of 14 (14%) respondents stated they were satisfied with the overall Texas Cooperative Extension and Cooperative Extension Program.

Do you plant clovers?

• 8 of 14 (57%) respondents stated “Yes” they do plant clovers.
• 6 to 14 (43%) respondents stated “No” they do not plant clovers.
If “Yes”, what types?
  Have clovers in pastures for over 30 years.
  White or Crimson
  Red and White
  Red
  Arrow leaf
  Arrow leaf & Crimson
  Crimson & White Dutch
  White
  Crimson

What is topics would you like to see on future TCE programs?
  Any
  What to do to make boggy areas more productive.
  Suitable forages for different soil conditions.
  Some considerations for which types of clovers to use.
  Keep up to date on legumes, grass, & herbicides.
  Organic farming vegetables (livestock cattle).

**Future Plans.** To continue to look at beef industry topics and keep producers up to date on current and new topics to help producers make a more informed management decision for their operation. The annual program will rotate to another farm next year highlighting beef and forage topics.