**Program: Equine Logic Model**

**Situation:**
According to USDA Agriculture Census 2017, 96% of the 16,280 Kentucky horses and ponies are on farms with 1 to 24 horses. Most Extension’s equine clients are horse and farm owners who ride for sport and recreation and businesses that support those clients. ([https://www.nass.usda.gov/Publications/AgCensus/2017/Full_Report/Volume_1_Chapter_1_State_Level/Kentucky/st21_1_0028_0029.pdf](https://www.nass.usda.gov/Publications/AgCensus/2017/Full_Report/Volume_1_Chapter_1_State_Level/Kentucky/st21_1_0028_0029.pdf))

<table>
<thead>
<tr>
<th><strong>Inputs</strong></th>
<th><strong>Outputs</strong></th>
<th><strong>Outcomes</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>UK specialist and faculty</td>
<td>Newsletter, publications</td>
<td>Adopt one or more practices including:</td>
</tr>
<tr>
<td>UK research, publications and resources</td>
<td>Social media</td>
<td>Parasite control</td>
</tr>
<tr>
<td>County Agents</td>
<td>Adult Equine Programs, Master Horse Owner</td>
<td>Dental care</td>
</tr>
<tr>
<td>Certified 4-H Leaders</td>
<td>Field Days, Workshops, Clinics, Demonstrations, Farm visits</td>
<td>Vaccines</td>
</tr>
<tr>
<td>Other Equine Groups and Organizations</td>
<td>Recreational Equine Clients</td>
<td>Proper nutrition/appropriate forages</td>
</tr>
<tr>
<td>Horse clubs, programs</td>
<td>Business Clients (breeding, boarding, training, sales)</td>
<td>Body condition scoring</td>
</tr>
</tbody>
</table>

**Activities**

- County Agents 4H Leaders Equine Leaders
- Recreational Equine Clients
- Business Clients (breeding, boarding, training, sales)

**Participation**

- Increase knowledge in one or more areas including:
  - Animal health
  - Animal nutrition
  - Forages (hay and pasture management)
  - Selection and confirmation
  - Facilities
  - Tack and equipment
  - Trail riding
  - Horse ownership
  - Cost of ownership
  - Owner responsibility (1st and Next Horse)

**Short**

- Adopt one or more practices including:
  - Parasite control
  - Dental care
  - Vaccines
  - Proper nutrition/appropriate forages
  - Body condition scoring
  - Basic confirmation
  - Horse grazing habits
  - Rotational grazing/resting pastures
  - Pasture renovation
  - Use soil testing/fertilizer and lime application
  - Use temporary fencing
  - Proper hoof care
  - Filter fabric and mud control
  - Manure management/composting manure
  - Installing/improving waterers
  - Hay selection
  - Feed/grain selection
  - Horse behavior, management
  - Trail riding basics
  - Selecting and owning a horse
  - Evaluate facilities/barns/arenas
  - Maintain or improve facilities

**Medium**

- Individuals and families enjoy high quality equine industry

**Long**

- Equine owners reduce expenses, increase profits, and improve health and quality of animals.
- Equine industry contributes to tourism industry
- Strong associations and equine enterprises

**Assumptions**

**External Factors**