# Hay Quality Sensory Evaluation Form – Mixed Grass/Alfalfa (>10% of each)

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<table>
<thead>
<tr>
<th>Entry no.</th>
<th>Class/intended use</th>
<th>Cutting</th>
<th>Bale size/type</th>
<th>Grass %</th>
<th>Legume %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Dairy, TMR, feeder, horse, feed store, export, etc.)</td>
<td></td>
<td>Gravel %</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Evaluation purpose**  ___ **Nutritional value**  ___ **Economic value**  Probe Moisture %

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### 1. Package functionality (max. 10)
- A. Bale tie effectiveness/spacing: 5-0
- B. Bale shape/density/transportability: 5-0

### 2. Odor (max. 20)
- A. New-mown/sweet to neutral: 20-10
- B. Preservative-treated or fermented: 20-0
- C. Caramelized/heat-damaged: 14-0
- D. Musty to moldy, other objectionable: 14-0

### 3. Maturity stage (max. 15)

<table>
<thead>
<tr>
<th></th>
<th>Grass</th>
<th>Legume</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st cut</td>
<td>Regrowth</td>
<td>Score</td>
</tr>
<tr>
<td>A. Vegetative</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>B. Jointing to boot</td>
<td>14-13</td>
<td>14-8</td>
</tr>
<tr>
<td>C. Heading; E to L*</td>
<td>12-8</td>
<td>7-4</td>
</tr>
<tr>
<td>D. Bloom; E to L</td>
<td>7-2</td>
<td>3-1</td>
</tr>
<tr>
<td>E. Seed; green to ripe</td>
<td>1-0</td>
<td>0</td>
</tr>
</tbody>
</table>

*Early to late

**Weighted mean for grass:legume ratio (top of form)**

### 4. Foreign material, dust, soil, rocks, stubble, weeds, & non-crop species (max. 15)
- A. Clean: 15-12
- B. 1–5% &/or dusty (from soil or mold): 11-6
- C. >5% &/or injurious: 5-0

*Also see noxious/poisonous/injurious in No. 7

### 5. Forage texture & condition (max. 30)
- A. Texture; soft/pliable to tough/brittle: 6-0
- B. Leaf concentration; leafy to leafless: 6-0
- C. Stem diameter; fine to coarse: 6-0
- D. Leaf attachment; retained to detached: 6-0
- E. Leaf & flake integrity; intact/cohesive to pulverized/loose: 6-0

*Moldy/weathered/spoiled (penalty) -1 to -30 -

### 6. Color & uniformity (max. 10)
- A. Natural green of crop: 10-8
- B. Light green to bleached to yellow: 7-4
- C. Orange to brown to black/grey/white (moldy): 3-0

*Non-uniform; streaked/blotchy/brownleaf (penalty) -1 to -4 -

### 7. Penalties (max. -100)
- A. Noxious weeds/seeds, poisonous plants -10 to -100 -
- B. Moisture % >18 (small), >16 (large) if untreated -1 to -100 -
- C. Injurious/objectionable not noted above -1 to -100 -

**Total score** 100

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*Use with Hay Quality Sensory Evaluation Guidelines (Rev. 1) AG-Forage & Pasture/2007-01.3*