

Hay Quality Sensory Evaluation Form – Timothy; Export & Horse ($\leq 10\%$ legume)

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Entry no. _____ Class/intended use _____ Cutting _____ Bale size/type _____
(Export, horse, feed store, etc.) Probe moisture % _____

Evaluation purpose ___ Nutritional value (see alternate scoring for Maturity*) ___ Economic value

Characteristic	Points	Score	Notes
1. Package functionality (max. 10)			
A. Bale tie effectiveness/spacing	5-0		
B. Bale shape/density/transportability	5-0		
2. Odor (max. 15)			
A. New-mown/sweet to neutral	15-10		
B. Preservative-treated or fermented	15-0		
C. Caramelized/heat-damaged	10-0		
D. Musty to moldy, other objectionable	4-0		
3. Maturity stage* (max. 15). <i>Points column assumes economic evaluation; nutritional points are to left</i>			
A. Jointing to boot (nutritional=15-13)	7-11		
B. Head emergence; early to late (nutritional=12-8)	12-15		
C. Bloom; early to late (nutritional=7-2)	14-6		
D. Seed; green to ripe/shattering (nutritional=1-0)	5-0		
4. Foreign material, dust, soil, rocks, stubble, weeds, & non-crop species (max. 20)			
A. Clean	20-16		
B. 1–5% &/or dusty (from soil or mold)	15-8		
C. >5% &/or injurious	7-0		
<i>*Also see noxious/poisonous/injurious in No. 7</i>			
5. Forage texture & condition (max. 25)			
A. Texture; soft/pliable to tough/brittle	5-0		
B. Leaf concentration; leafy to leafless	4-0		
C. Seedhead & stem length; long to short	4-0		
D. Stem diameter; coarse to fine	4-0		
E. Leaf attachment; retained to detached	4-0		
F. Leaf & flake integrity; intact/cohesive to pulverized/loose	4-0		
<i>*Moldy/weathered/spoiled (penalty)</i>	<i>-1 to -25</i>	-	
6. Color & uniformity (max. 15)			
A. Natural green of crop	15-11		
B. Light green to bleached to yellow	10-5		
C. Orange to brown to black/grey/white (moldy)	4-0		
<i>*Non-uniform; streaked/blotchy/brownleaf (penalty)</i>	<i>-1 to -4</i>	-	
7. Penalties (max. -100)			
A. <i>Noxious weeds/seeds, poisonous plants</i>	<i>-10 to -100</i>	-	
B. <i>Moisture % >18 (small), >16 (large) if untreated</i>	<i>-1 to -100</i>	-	
C. <i>Hessian fly hosts (cereals, wheatgrasses, etc.)</i>	<i>-0 to -100</i>	-	
D. <i>Injurious/objectionable not noted above</i>	<i>-1 to -100</i>	-	
Total score	100		