



# H-B Nutrition & Feeding Rubric

Notes on administering this phase:

- Candidates will draw cards for some of the following sections and then discuss the information with examiners, either in a group or individually.
- See the *USPC H-B Level Certification web page* for supplemental materials on Nutrition.
- **Yellow** USPC H-B Nutrition cards will be used.

Requirement	Exceeds Standard	Meets Standard	Does Not Meet Standard
<ul style="list-style-type: none"> <li>Discuss feeding principles ("Rules of Feeding") and their effect on the mount's digestive system and overall health.</li> </ul> <p>Candidates will draw 2 yellow H-B Nutrition - Rules of Feeding ("B" cards).</p>	<input type="checkbox"/> Detailed discussion of feeding principles, providing 4 or more explanations for their importance; may include more detailed discussion of digestive system and physiology.	<input type="checkbox"/> Discussed feeding principles, explaining 3 or more ways these principles could affect horse's digestion and overall health.	<input type="checkbox"/> Unable to list and/or explain 3 ways the feeding principals could impact a horse's digestion or overall health.
<ul style="list-style-type: none"> <li>Discuss why the 6 classes of nutrients are needed by mount, and primary sources. Include in discussion water-soluble and fat-soluble vitamins and the calcium/phosphorus ratio.</li> </ul> <p>Candidates will draw 1 yellow H-B Nutrition - Nutrients ("A" cards).</p>	<input type="checkbox"/> Confident, in depth discussion of nutrients needed, listing several sources; may include metabolic uses of nutrients, such as how energy is provided on the cellular level, essential amino acids, digestive issues associated with fats, and the reasons for and uses of a low carb diet.  <input type="checkbox"/> Demonstrates a thorough understanding of calcium and phosphorus in the diet; may discuss trace verses macro minerals and functions of several.  <input type="checkbox"/> In addition to detailed information regarding fat-soluble and water-soluble vitamins, may discuss need and functions of additional vitamins.	<input type="checkbox"/> Basic understanding of nutrients and why they are needed, listing 2-3 sources for most.  <input type="checkbox"/> Stated the correct calcium/phosphorus ratios and discussed the importance in different stages of development.  <input type="checkbox"/> Listed the main fat- and water-soluble vitamins; explained important differences between the two groups and how these factors should be taken into consideration when supplementing these vitamins.	<input type="checkbox"/> Weak discussion of the nutrients, unclear regarding need in diet; gave only 1 source for most.  <input type="checkbox"/> Unsure of calcium/phosphorus ratio and its importance.  <input type="checkbox"/> Could not list and/or clearly discuss the difference between water-soluble and fat-soluble vitamins and the importance of these differences.
<ul style="list-style-type: none"> <li>List supplements given to own mount and reasons for their use.</li> </ul>	<input type="checkbox"/> Extensive knowledge of own supplements, stating why used, active ingredients, cost and any possible safety concerns or side effects; may also discuss research and data.	<input type="checkbox"/> Listed supplements they give, including cost; explained reasons for using, and effects on their horse; aware of possible dangers when using, or combining with other supplements.	<input type="checkbox"/> Weak discussion of specific supplements, and reasons given to own horse; unaware of cost, and possible dangers when using, or combining with other supplements.
<ul style="list-style-type: none"> <li>Discuss seasonal variations of feeding mounts.</li> </ul>	<input type="checkbox"/> Detailed discussion of when and why seasonal feed changes are made, indicating an understanding of local climate variations and how they affect the horse's nutritional needs.	<input type="checkbox"/> Described how seasonal changes affect a feeding program, possible changes to program and reasons for making these changes.	<input type="checkbox"/> Unsure of how seasonal changes affect their feeding program; unaware of possible changes to feeding program and/or reasons for these changes.

<ul style="list-style-type: none"> <li>● <i>Identify and evaluate samples of hay, grain, and bedding for suitability and safety.</i></li> <li>● <i>For your area, know availability, and origin of feed.</i></li> </ul> <p>Candidates will use yellow H-B Nutrition card #200.</p>	<input type="checkbox"/> Correctly <b>identified</b> samples (1 each - hay, grain, and bedding). <input type="checkbox"/> Chose more complex samples to <b>evaluate</b> (less common hays, grain mixes or sweet feeds); discussion of grains/concentrates may include protein levels, extrusion and pelleting processes, supplements, etc.; may include moisture content, bloom, timing of cutting and how it effects quality, and nutrients, found in hays; used detailed analysis in order to compare safety of products, and suitable for own specific needs. <input type="checkbox"/> Thorough knowledge of local <b>availability</b> , and seasonal variations.	<input type="checkbox"/> Correctly <b>identified</b> samples (1 each - hay, grain, and bedding). <input type="checkbox"/> <b>Evaluated</b> quality of samples, giving 2 or more reasons for their decisions. <input type="checkbox"/> <b>Discussion included</b> , whether they use product, or not, suitability for their own specific use, and availability in their area, origin, seasonal variations, and safety when using this product.	<input type="checkbox"/> Struggled to correctly identify the samples. <input type="checkbox"/> Offered minimal evaluations (1 idea) of samples. <input type="checkbox"/> Could not give reasons for suitability and safety when using. <input type="checkbox"/> Uncertain of the origin, availability in their area and/or possible seasonal variations of products.
<ul style="list-style-type: none"> <li>● <i>Look at a feed label and identify the primary sources of protein, carbohydrates, and fat (Candidate should bring own label or copy.)</i></li> </ul>	<input type="checkbox"/> Clearly identified 3 or more sources (if available) for protein, carbohydrates, and fat; discussion may include additional information (quality of each source, crude protein vs. digestible protein, etc.).	<input type="checkbox"/> Identified 1-2 sources for each: protein, carbohydrates and fat.	<input type="checkbox"/> Could not clearly identify sources for protein and/or carbohydrates and/or fat. May not have own label.
<p><b>Additional Comments:</b></p>			