

# Feed Sample Set

## ACTIVITIES

Use the following suggested activities with your *Feed Sample Set* from Ohio 4-H Learning Lab Kits. Written by an agricultural education teacher, these activities provide a hands-on, interactive technique to reinforce the need for correct feed identification, feed formulation, and feed tag interpretation.

(See *Feed Set description* on next page.)



**ORDER FEED SAMPLE SET**

### ACTIVITY 1: Feed Sample Identification

#### OBJECTIVE

To recognize feed ingredient samples by sight and/or smell

#### MATERIALS

1. Feed sample set (12 specimens) and answer key
2. Resource handbook

#### DIRECTIONS/QUESTIONS

1. Remove the feed sample jars from the storage box and place them on a flat surface.
2. Identify each sample by sight only. Start with the ones familiar to you.
3. Remove the jar lids; how many samples can you identify by smell?
4. Compare the samples to the feed photos appearing in your resource handbook. Do you see any differences? The color in each photo may not match the actual feed sample.

#### GOAL

To recognize the ingredients in your animal's feed

### ACTIVITY 2: Understanding Feed Tag Terminology

#### OBJECTIVE

To read and understand the terminology printed on a feed tag

#### MATERIALS

1. Feed sample set (12 specimens) and answer key
2. Feed tag

#### DIRECTIONS/QUESTIONS

1. Remove the feed samples from the storage box and place them on a flat surface next to your feed tag.
2. How many of the feed samples are listed on the feed tag?
3. The first ingredient listed on the feed tag is "Grain Products." Which of your feed samples are grain products?
4. Match the remainder of the feed samples with the ingredients listed on the tag. Remember, your *Feed Sample Set* contains a limited number of samples and may not include all the ingredients listed on the feed tag.

#### GOAL

To gain a better understanding of feed formulation

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# Feed Sample Set

## ACTIVITIES *(continued)*

### ACTIVITY 3: Reading and Understanding a Feed Tag

#### OBJECTIVE

To recognize the importance of reading and understanding a feed tag

#### MATERIALS

1. Feed Sample Set (12 specimens) and answer key
2. Resource handbook

#### DIRECTIONS/QUESTIONS

1. Remove the feed samples from the storage box and place them on a flat surface.
2. Using your resource handbook, determine which feed samples are grains, roughages, plant proteins, processed grain by-products, or similar items. Group the feed samples by product category.
3. What are the differences between whole corn versus cracked corn; and hay cubes versus hay bales?
4. How is each feed sample used and why it is important for your animal?

#### GOAL

To gain a better understanding of which feed your animal should eat and why it's important

### ACTIVITY 4: Interpreting All Feed Tag Information

#### OBJECTIVE

To completely understand all the information appearing on a feed tag

#### MATERIALS

1. Feed Sample Set (12 specimens) and answer key
2. Feed tag

#### DIRECTIONS/QUESTIONS

1. Remove the feed samples from the storage box and place them on a flat surface next to your feed tag.
2. Read all the information appearing on the feed tag.
3. Which of your feed samples are listed on the feed tag?
4. How much feed should you give your animal?
5. Is your feed medicated? If so, calculate the necessary withdrawal time.
6. Is it okay to give this feed to all your animals? Why or why not?

#### GOAL

To correctly interpret and apply all feed tag information

### FEED SAMPLE SET

This unique hands-on learning tool includes twelve ½-cup samples of actual feed. Clear plastic jars, high-quality labels, laminated identification key, and sturdy storage box make the samples perfect for repeated use in many learning activities. Although originally part of the *Horse Learning Lab Kit*, this sample set can be also be used with other species. **\$61.00**



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