

## IFSS Framework – Basic Level Gen Eds

### B16 Labeling

**Definition:** Introductory knowledge, skills, and abilities related to labeling requirements, and the components of feed and food product labels.

**Topic Area TLO:** Explain label requirements.

**Topic Area ELOs:**

- Describe the types of labels.
- Review product labels for regulatory compliance.
- Recognize product-specific label requirements.
- Describe product label requirements.
- Identify product label components.

Unit 1: Foundations	TLO Behavioral Anchors - not all-inclusive
<p><b>Definition:</b> Basic knowledge of labeling.</p> <p><b>TLO:</b> Discuss labeling fundamentals.</p> <p><b>ELOs:</b></p> <ul style="list-style-type: none"> <li>○ Define relevant terminology.</li> <li>○ Discuss regulatory requirements for labeling.</li> <li>○ Discuss the purpose of supplemental labeling.</li> <li>○ Locate available resources.</li> <li>○ Explain how labels provide consumer information.</li> <li>○ Explain the purpose for product labeling.</li> </ul>	<ul style="list-style-type: none"> <li>• The regulator can discuss two purposes of labeling:               <ul style="list-style-type: none"> <li>a. Consumer knows what they are purchasing</li> <li>b. Comparison between similar products</li> <li>c. Deter purchase of undesirable ingredients (allergens)</li> <li>d. Advertising restrictions</li> <li>e. Public health rationale of labeling</li> <li>f. Triggers for recall</li> <li>g. Economically motivated adulteration</li> <li>h. Traceforward and traceback</li> <li>i. Highly susceptible population</li> <li>j. Misbranding</li> </ul> </li> <li>• The regulator can identify three regulatory labeling requirements:               <ul style="list-style-type: none"> <li>a. Jurisdiction specific requirements</li> <li>b. Additives</li> <li>c. Bulk labeling vs retail labeling requirements</li> <li>d. 21 Code of Federal Register (CFR) 101</li> <li>e. Specific instructions</li> <li>f. Specifics of graphics</li> <li>g. Labels should be legible</li> <li>h. All packaged foods should be labeled</li> <li>i. Making false health claims</li> <li>j. Standards of identity (common names)</li> <li>k. English</li> <li>l. Restrictions on product use (between animal species)</li> <li>m. Purpose of product (feed and pet food)</li> <li>n. Guaranteed analysis (feed and pet food)</li> </ul> </li> <li>• The regulator can discuss two requirements for a specific label:               <ul style="list-style-type: none"> <li>a. Principle display panel</li> </ul> </li> </ul>

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	<ul style="list-style-type: none"> <li>b. Net weight in metric for imports</li> <li>c. Manufacturer/distributor</li> <li>d. Country of origin labeling (COOL)</li> <li>e. Supplemental labeling</li> <li>f. Affordable Care Act (ACA) Labeling</li> <li>g. Safe handling instructions</li> <li>h. Cooking/handling instructions</li> <li>i. Allergens</li> <li>j. Ingredients</li> <li>k. Information display panel</li> <li>l. Nutritional Labeling and Education Act (NLEA)</li> <li>m. Infant formula</li> </ul> <ul style="list-style-type: none"> <li>• The regulator can discuss four purposes of labeling.</li> <li>• The regulator can identify six regulatory requirements for a specific label.</li> </ul>
<p><b>Unit 2: Labeling Laws and Regulations</b></p> <p><b>Definition:</b> Basic knowledge of labeling laws and regulations.</p> <p><b>TLO:</b> Describe the authority for labeling.</p> <p><b>ELOs:</b></p> <ul style="list-style-type: none"> <li>• Identify the agency that regulates a commodity.</li> <li>• Identify the labeling requirements for specific commodities.</li> <li>• Describe the process for verifying label compliance.</li> <li>• Identify commodities exempt from labeling requirements.</li> <li>• Distinguish between agency labeling requirements.</li> <li>• Explain the recall rationale for improperly labeled products.</li> </ul>	<p><b>TLO Behavioral Anchors - not all-inclusive</b></p> <ul style="list-style-type: none"> <li>• The regulator can list two labeling authorities:             <ul style="list-style-type: none"> <li>a. Federal trade commission</li> <li>b. Food and Drug Administration (FDA)</li> <li>c. U. S. Department of Agriculture (USDA)</li> <li>d. State</li> <li>e. Local</li> <li>f. Tribal</li> <li>g. Territorial</li> <li>h. Centers for Disease Control and Prevention (CDC)</li> <li>i. National Shellfish Sanitation Program (NSSP)</li> </ul> </li> <li>• The regulator can list two federal acts:             <ul style="list-style-type: none"> <li>a. Food, Drug and Cosmetic Act (FD &amp; C)</li> <li>b. Federal Meat Inspection Act (FMIA)</li> <li>c. Patient Protection and Affordable Care Act (PPACA)</li> <li>d. Poultry Products Inspection Act</li> <li>e. Egg Products Inspection Act</li> <li>f. Agricultural Marketing Act</li> <li>g. Fair Packaging and Labeling Act (FPLA)</li> <li>h. Nutrition Label Education Act (NLEA)</li> </ul> </li> <li>• The regulator can list five labeling authorities.</li> <li>• The regulator can list four federal acts.</li> </ul>
<p><b>Unit 3: Labeling Components</b></p> <p><b>Definition:</b> Basic knowledge of</p>	<p><b>TLO Behavioral Anchors - not all-inclusive</b></p> <ul style="list-style-type: none"> <li>• The regulator can identify the two required panels:</li> </ul>

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<p>label requirements.</p> <p><b>TLO:</b> Describe the components of a label.</p> <p><b>ELOs:</b></p> <ul style="list-style-type: none"> <li>• Describe required components of a label.</li> <li>• Discuss label claims.</li> <li>• Determine if ingredients are approved for use.</li> <li>• Describe accompanying labeling.</li> <li>• Explain labeling format requirements.</li> <li>• Explain the net weight / net quantity of contents requirements.</li> </ul>	<ul style="list-style-type: none"> <li>a. Principle display panel</li> <li>b. Information panel</li> <li>c. Accompanying information</li> <li>d. The regulator can list three requirements found on the principle display panel.</li> <li>e. Name of food</li> <li>f. Net quantity of contents</li> <li>g. Pictures</li> <li>h. Size of letters (font)</li> <li>i. English language</li> <li>• The regulator can list three requirements found on the information panel:             <ul style="list-style-type: none"> <li>a. Manufactured for/distributed by</li> <li>b. Ingredients in plain language</li> <li>c. Colors (Yellow #5, etc.)</li> <li>d. Ingredients listed in order by weight</li> <li>e. Nutrition fact panel</li> <li>f. Serving size</li> <li>g. Allergen declaration</li> <li>h. English language</li> </ul> </li> <li>• The regulator can list three examples of accompanying information:             <ul style="list-style-type: none"> <li>a. Country of Origin (COOL)</li> <li>b. Sulfites</li> <li>c. Organics</li> <li>d. Safe food handling</li> <li>e. Genetically modified organism (GMO) -may be required labeling in some states</li> <li>f. Claims</li> <li>g. Disclosure (dietary supplements and medical foods)</li> <li>h. Pamphlets (retail)</li> <li>i. Date marking (retail, egg, milk)</li> <li>j. Lot number</li> <li>k. Best if used by</li> <li>l. Keep refrigerated</li> <li>m. Refrigerate after opening</li> <li>n. Unpasteurized juice warning statement (retail)</li> </ul> </li> <li>• The regulator can explain the importance of three items found on the principle display panel.</li> <li>• The regulator can explain the importance of three of the items found on the information panel.</li> </ul>
<p><b>Unit 4: Food</b></p>	<p><b>TLO Behavioral Anchors - not all-inclusive</b></p>
<p><b>Definition:</b> Basic knowledge of food labeling requirements.</p>	<ul style="list-style-type: none"> <li>• The regulator can describe an alternate principle display panel.</li> <li>• The regulator can identify safe handling label on</li> </ul>

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<p><b>TLO:</b> Describe the labeling requirements for food.</p> <p><b>ELOs:</b></p> <ul style="list-style-type: none"> <li>• Identify the principle display panel of a food label.</li> <li>• Identify the alternate principle display panel.</li> <li>• Discuss when a handling/holding statement is required.</li> <li>• Identify food label requirements for susceptible populations.</li> <li>• Explain the labeling requirements for allergens.</li> <li>• Identify the labeling requirements for dietary supplements.</li> </ul>	<p>packaged raw meat and poultry, and shell eggs.</p> <ul style="list-style-type: none"> <li>• The regulator can identify the dietary supplement label:             <ol style="list-style-type: none"> <li>a. No unsubstantiated health claims</li> <li>b. Disclosure</li> <li>c. Supplemental facts</li> </ol> </li> <li>• The regulator can identify the allergen labeling requirements:             <ol style="list-style-type: none"> <li>a. Common name</li> <li>b. Contains statement</li> </ol> </li> <li>• The regulator can identify a labeling requirement for highly susceptible populations:             <ol style="list-style-type: none"> <li>a. Consumer advisory</li> <li>b. Label of unpasteurized juices</li> <li>c. Infant formula</li> </ol> </li> <li>• The regulator can list a component of the dietary supplement label.</li> <li>• The regulator can list the eight allergens that require allergen labeling.</li> <li>• The regulator can identify the three foods listed on a consumer advisory.</li> </ul>
<p><b>Unit 5: Feed</b></p>	<p><b>TLO Behavioral Anchors - not all-inclusive</b></p> <ul style="list-style-type: none"> <li>• The regulator can recognize the seven required components of a standard feed label:             <ol style="list-style-type: none"> <li>a. Product name</li> <li>b. Product purpose statement</li> <li>c. Guaranteed analysis</li> <li>d. Ingredient statement</li> <li>e. Manufacture name &amp; address</li> <li>f. Net weight</li> <li>g. Feeding directions</li> </ol> </li> <li>• The regulator can recognize the required components of a pet food label:             <ol style="list-style-type: none"> <li>a. Seven listed above PLUS:                 <ul style="list-style-type: none"> <li>▪ American Association of Feed Control Officials (AAFCO) Nutritional Adequacy Statement, or the AAFCO Nutrient Profile Statement</li> <li>▪ Calorie count</li> </ul> </li> </ol> </li> <li>• The regulator can recognize the required components of a pet treat label:             <ol style="list-style-type: none"> <li>a. Same as standard label – no American Association of Feed Control Officials (AAFCO) Nutrient Profile required</li> </ol> </li> <li>• The regulator can recognize required components of a medicated feed labels:             <ol style="list-style-type: none"> <li>a. Active drug ingredient (name and amount)</li> <li>b. Medical purpose</li> </ol> </li> </ul>

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	<ul style="list-style-type: none"><li>c. Caution statement</li><li>d. Warning statement</li><li>• The regulator has knowledge or awareness of the format (ordering) of the required components of a standard feed label.</li><li>• The regulator can give examples of optional claims/components on a pet food label e.g., claims, advertising).</li></ul>
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