

What is perishable?

 High in moisture, protein and neutral acidity
 Anything that needs refrigeration

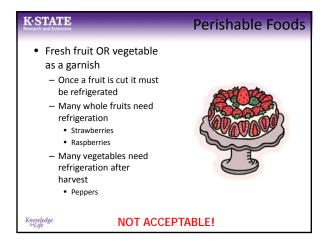
 Many fairs have a Perishable Foods class

 Bring at proper temperature, judge, take home

 Perishable foods are good options for a Favorite Food Show
 County Fairs that have refrigeration can allow perishable exhibits

 Not allowed at State Fair 4-H Foods!











# Baking in Brown Paper Bags "Do not use brown paper bags from the grocery or other stores for cooking. They are not sanitary, may cause a fire, and may emit toxic fumes. Intense heat may cause a bag to ignite, causing a fire in the oven and possibly contaminating the food. The ink, glue, and recycled materials in paper bags may emit toxic fumes when they are exposed to heat. Instead, use commercial oven cooking bags." NOT ACCEPTED.



















# K-STATE What is Safe and Non-Perishable?

- Frostings/Icings
  - High sugar content suppresses bacterial growth
  - Use small amount of liquid
    - Milk, juice, water
  - Add flavorings
    - · Cream cheese flavor
    - Fruit flavor
  - Shortening withstands heat better than butter
  - German Chocolate Frosting
  - Commercial frosting
    - · If permitted at your fair

Note in the recipe



ACCEPTABLE!

# K-STATE What is Safe and Non-Perishable?

- · Cheese mixed into batter
  - Hard Cheese
    - · Shredded Cheddar
  - Cottage Cheese
  - Ricotta Cheese
  - Cream Cheese
- These are baked into a dry environment, less moisture



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ACCEPTABLE!

# **K-STATE** Underbaked Foods · White Ribbon at State Fair • What do you think? Will be dropped at least one ribbon placing



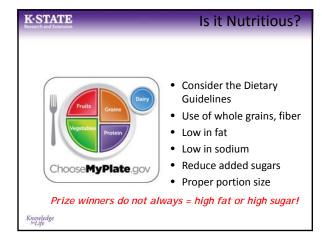
# K-STATE When Are Baked Goods Done?

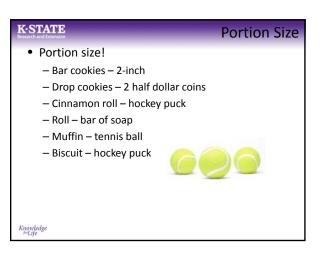
Internal temperatures

- Layer cakes 205-210°F
- Pound cake 210°F
- Jelly roll cakes 190-195°F
- Muffins 210°F
- Quick bread 210°F
- Yeast bread 195-210°F
- Bundt cake 212°F
- Yeast rolls 190-195°F
- Seeing a thermometer hole is OK!

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## K-STATE

### **Modified Foods Class**

- Original recipe changed to improve nutritive value or fit diet needs
- Standard Blueberry Muffin recipe changed by:
  - All purpose flour replaced with whole wheat flour
  - All purpose flour replace with gluten free flours
  - Fat content changed by using fruit puree
- A recipe already gluten-free is NOT a modified food!

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