

Yeast Experiment

Effects of Sugar in Bread Making

OBSERVATION:

MAKING BREAD TEST# 2

QUESTION:

DOES SUGAR AFFECT BREAD?

MATERIALS:

Large mixing bowl
Hand mixer
Wooden spoon
Bread knife
Bread pan
Wire rack
Ingredients for “White Bread” Recipe – see next page

PROCEDURE:

1. Using the recipe below, prepare two loaves of white bread – one with the 2 tablespoons of sugar added, the other without the sugar.
2. Continue to follow recipe directions.
3. Let bread cool before slicing.
4. Compare texture and flavor.

CONCLUSION:

1. Which loaf of bread tastes better, and why?
2. Which loaf of bread had better volume and texture, and why?
3. Were there any other differences between the two loaves of bread?



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White Bread

Oven 400°F
Makes 1 loaf.

Ingredients

All-purpose flour	3-1/2 to 4 cups
RED STAR® QUICK-RISE™ Yeast	1 package
Sugar	2 tablespoons
Salt	1-1/2 teaspoons
Water	1/2 cup
Milk	1/2 cup
Vegetable oil	2 tablespoons

Preparing Dough

In mixing bowl, combine 1-1/4 cups flour, yeast, sugar and salt; mix well. Add very warm water and milk (120-130°F) and oil to flour mixture. Blend at low speed until moistened; beat 3 minutes at medium speed. By hand, gradually stir in enough remaining flour to make a firm dough. Knead on floured surface until smooth and elastic, 5 to 8 minutes. Place in greased bowl, turning to grease top. Cover; let rise in warm place until double, about 30 minutes.

Shaping and Baking

Punch down dough. On lightly floured surface, roll or pat to a 14 x 7-inch rectangle. Starting with shorter side, roll up tightly, pressing dough into roll with each turn. Pinch edges and ends to seal. Place in greased 9 x 5-inch or 8 x 4-inch bread pan. Cover; let rise in a warm place until double (about 15 minutes). Bake in a preheated oven for 35 to 40 minutes or until golden brown. Remove from pan and place on wire rack to cool.



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