## Master Mix

| Grains/Breads |  |  | Grains/Breads |  |  | B-01 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ingredients |  | vings |  | vings | Directions |  |
|  | Weight | Measure | Weight | Measure |  |  |
| Enriched all-purpose flour | 5 lb 4 oz | $1 \mathrm{gal} 31 / 4$ cups | 10 lb 8 oz | $2 \mathrm{gal} 15 / 8 \mathrm{qt}$ | 1. Place flour, baking powder, salt, cream of tartar, and dry milk in a mixing bowl. Mix with paddle attacment for 3 minutes on low speed. |  |
| Baking powder | $43 / 4 \mathrm{oz}$ | 2/3 cup | $91 / 2 \mathrm{oz}$ | $11 / 3$ cup |  |  |
| Salt |  | 2 Tbsp | $2 \mathrm{5} / \mathrm{soz}$ | $1 / 4$ cup |  |  |
| Cream of tartar |  | 1 Tbsp 1 1⁄2 tsp |  | 3 Tbsp |  |  |
| Instant nonfat dry milk | 6 oz | $21 / 2$ cups | 12 oz | 1 qt 1 cup |  |  |
| Shortening | 1 lb 5 oz | 3 cups 2 Tbsp | 2 lb 10 oz | 1 qt $21 / 4$ cups | 2. Add shortening to dry ingredients and mix with paddle attachment for 5 minutes on low speed, or until evenly distributed. Mixture will be crumbly. |  |
|  |  |  |  |  | 3. Store in tightly covered container, in the refrigerator. |  |
|  |  |  |  |  | 4. Use Master Mix in recipes. |  |

## SERVNG:

## YIELD:

VOLUME:
$1 / 2$ cup $\mathbf{5 0}^{2}$ Servings: 7 lb 6 oz
50 Servings: $\quad 1$ gallon $2 \frac{1}{4}$ quarts
(See individual alternate recipes that use Master Mix)

100 Servings: 14 lb 12 oz
100 Servings: 3 gallons 2 cups

Edited 2004
Special Tip:
A 10 -qt mixer may be used to produce 1 gal $21 / 4$ qt of Master Mix. A $20-q t$ mixer may be used to produce 3 gal of Master mix.

## Cooking Macaroni, Noodles, and Spaghetti

Grains/Breads Grains/Breads
B-02

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Water, boiling | 5 gal |  |  | 10 gal | 1. Add salt to boiling water. |
| Salt |  | 2 Tbsp 2 tsp | $31 / 2 \mathrm{oz}$ | $1 / 3$ cup |  |
| Enriched elbow macaroni OR <br> Enriched noodles, $3 / 4$ inch or wider <br> OR <br> Enriched spaghetti | $\begin{gathered} 2 \mathrm{lb} 10 \mathrm{oz} \\ \text { OR } \\ 2 \mathrm{lb} 8 \mathrm{oz} \\ \\ \text { OR } \\ 4 \mathrm{lb} 12 \mathrm{oz} \\ \hline \end{gathered}$ | $\begin{gathered} 2 \text { qt } 1 \frac{1}{4} \text { cups } \\ \text { OR } \\ 1 \mathrm{gal} 31 / 2 \mathrm{qt} \\ \text { OR } \\ 1 \mathrm{gal} \\ \hline \end{gathered}$ | $\begin{gathered} 5 \mathrm{lb} 4 \mathrm{oz} \\ \mathrm{OR} \\ 5 \mathrm{lb} \\ \\ \text { OR } \\ 9 \mathrm{lb} 8 \mathrm{oz} \\ \hline \end{gathered}$ | 1 gal $21 / 2$ cups OR 3 gal 3 qt | 2. Slowly stir in macaroni, noodles, or spaghetti until water boils again. |
|  |  |  |  |  | 3. Cook uncovered until tender-firm, about 10 minutes for macaroni, 8 minutes for noodles, and 12 minutes for spaghetti. <br> DO NOT OVERCOOK. |
|  |  |  |  |  | 4. Drain well. |
|  |  |  |  |  | 5. Pour into steamtable pans (12" x 20" x $21 / 2$ "). For 50 servings, use 2 pans. For 100 servings, use 4 pans. |
|  |  |  |  |  | 6. CCP : Hold for hot service at $135^{\circ} \mathrm{F}$ or higher. OR <br> CCP: Cool to $70^{\circ} \mathrm{F}$ within 2 hours and from $70^{\circ} \mathrm{F}$ to $41^{\circ} \mathrm{F}$ or lower within an additional 4 hours. <br> Portion with No. 8 scoop ( $1 / 2$ cup). |


| SERV NG: | YI ELD: | VOLUME: |
| :---: | :---: | :---: |
| $1 / 2$ cup (No. 8 scoop) provides 1 serving of grains/breads. | 50 Servings: 2 steamtable pans | 50 Servings: about 1 gallon $21 / 4$ quarts |
|  | 100 Servings: 4 steamtable pans | 100 Servings: about 3 gallons 2 cups |

Tested 2004
Special Tip:
To cook the day before: After draining, run under cold water 3 minutes. Let
stand in strainer for 5 minutes. Toss with 1 oz oil for each pound of dry pasta.

## Cooking Rice (Oven or Steamer)

## Grains/Breads

Grains/Breads
B-03

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
|  |  |  | 1. Do not rinse enriched rice. |  |  |
| Enriched white rice, medium grain, regular OR <br> Enriched white rice, long grain, regular OR <br> Enriched white rice, long grain, parboiled | $\begin{gathered} 3 \mathrm{lb} 12 \mathrm{oz} \\ \text { OR } \\ 3 \mathrm{lb} 6 \mathrm{oz} \\ \text { OR } \\ 3 \mathrm{lb} 10 \mathrm{oz} \end{gathered}$ | 2 qt $1 / 2$ cup <br> OR <br> 2 qt <br> OR <br> 2 qt $1 \frac{1}{4}$ cups | $\begin{gathered} 7 \mathrm{lb} 8 \mathrm{oz} \\ \text { OR } \\ 6 \mathrm{lb} 12 \mathrm{oz} \\ \text { OR } \\ 7 \mathrm{lb} 4 \mathrm{oz} \end{gathered}$ | 1 gal 1 cup <br> OR <br> 1 gal <br> OR <br> 1 gal $21 / 2$ cups | 2. Place 1 lb 14 oz medium grain, or 1 lb 11 oz long grain, or 1 lb 13 oz par boiled rice in each steamtable pan ( 12 " $\times 20$ " $\times 21 / 2^{\prime \prime}$ ). For 50 servings, use 2 pans. For 100 servings, use 4 pans. |
| Water, boiling |  | 3 qt |  | 1 gal 2 qt | 3. Add salt to boiling water. Pour water over rice. (1 qt 2 cups per steamtable pan). |
| Salt |  | 2 tsp |  | 1 Tbsp 1 tsp |  |
|  |  |  |  |  | 4. Cover pans tightly. |
|  |  |  |  |  | 5. Bake: Conventional oven: $350^{\circ} \mathrm{F}$ for 30 minutes Convection oven: $325^{\circ} \mathrm{F}$ for 30 minutes Steamer: 5 lb pressure for 25 minutes |
|  |  |  |  |  | 6. Remove from oven or steamer. |
|  |  |  |  |  | 7. CCP: Hold for hot service at $135^{\circ} \mathrm{F}$ or higher. <br> OR <br> CCP: Cool to $70^{\circ} \mathrm{F}$ within 2 hours and from $70^{\circ} \mathrm{F}$ to $41^{\circ} \mathrm{F}$ or lower within an additional 4 hours. <br> Portion with No. 8 scoop ( $1 / 2$ cup). |


| SERV NG: | YI =L.D. | VOLUME: |
| :---: | :---: | :---: |
| $1 / 2$ cup (No. 8 scoop) provides 1 serving of grains/breads. | 50 Servings: 2 steamtable pans | 50 Servings: about 1 gallons $21 / 4$ quarts |
|  | 100 Servings: 4 steamtable pans | 100 Servings: about 3 gallons 2 cups |

## Cooking Rice (Oven or Steamer)

Special Tip:
Cooking Brown Rice, long grain, regular
For 50 Servings, use 5 lb 12 oz brown rice and 1 gal $1 \frac{1}{2}$ qt boiling water and 2 tsp salt. Place 2 lb 14 oz of rice and 2 qt 3 cups of water in each steamtable pan (12" x 20 " x $21 / 2 "$ ) use 2 pans. Cover and bake at $350^{\circ} \mathrm{F}$ or steam at 5 lb pressure for 50 minutes.

For 100 servings, use 11 lb 8 oz brown rice and 2 gal 3 qt boiling water and 1 Tbsp 1 tsp salt. Place 2 lb 14 oz of rice and 2 qt 3 cups of water in each steamtable pan ( $12^{\prime \prime} \times 20^{\prime \prime} \times 21 / 2^{\prime \prime}$ ) use 4 pans. Cover and bake at $350^{\circ} \mathrm{F}$ or steam at 5 lb pressure for 50 minutes.

## Baking Powder Biscuits

## Grains/Breads

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched all-purpose flour | 3 lb | 2 qt 3 cups | 6 lb | $1 \mathrm{gal} 11 / 2 \mathrm{qt}$ | 1. Blend flour, dry milk, baking powder, and salt in mixer for 1 minute at low speed. |
| Instant nonfat dry milk | 3 oz | $11 / 4$ cups | 6 oz | $21 / 2$ cups |  |
| Baking powder | $23 / 4 \mathrm{Oz}$ | $1 / 4$ cup $21 / 2$ Tbsp | $51 / 2 \mathrm{oz}$ | $3 / 4$ cup 1 Tbsp |  |
| Salt |  | 1 Tbsp |  | 2 Tbsp |  |
| Shortening | $11^{1 / 2}$ Oz | $13 / 4$ cups | 1 lb 7 oz | 3112 cups | 2. Add shortening and blend into dry ingredients for 2 minutes at low speed. Mixture will be crumbly. |
| Water, cold |  | $33 / 4$ cups |  | 1 qt 3112 cups | 3. Add water and mix for approximately 1 minute on low speed to form soft dough. Scrape bowl as necessary during mixing. |
|  |  |  |  |  | 4. Turn out onto lightly floured surface. For 50 servings, knead ball of dough lightly for 1 minute. For 100 servings, divide dough in half and knead each half lightly for 1 minute. |
|  |  |  |  |  | 5. Roll or pat out each ball of dough to $1 / 2^{\prime \prime}$ thickness. Cut with floured $21 / 2{ }^{\prime \prime}$ biscuit cutter and place on sheet pan (18" x 26 " $\times 1$ ") in rows of 5 across and 10 down. For 50 servings, use 1 pan. For 100 servings, use 2 pans. |
|  |  |  |  |  | 6. Bake until lightly browned: Conventional oven: $450^{\circ} \mathrm{F}$ for 12-14 minutes Convection oven: $400^{\circ} \mathrm{F}$ for $8-10$ minutes |


| SERV NG: | YI ELD: | VOLUME: |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 1 biscuit provides $1 \frac{1}{2}$ servings of grains/breads. | $\mathbf{5 0}$ Servings: 1 sheet pan | $\mathbf{5 0}$ Servings: | $502 \frac{1}{2}$ inch biscuits |  |
|  |  |  |  |  |
|  | $\mathbf{1 0 0}$ Servings: 2 sheet pans | $\mathbf{1 0 0}$ Servings: $1002 \frac{1}{2}$ inch biscuits |  |  |

## Baking Powder Biscuits

## Variations:

A. Baking Powder Biscuits (Using Master Mix B-01)

For 50 servings, omit steps 1 and 2. Use 3 lb 12 oz (3 qt) Master Mix. Continue with steps 3-6.

For 100 servings, omit steps 1 and 2 . Use 7 lb 8 oz (6 qt) Master Mix. Continue with steps 3-6.
B. Cheese Biscuits

For 50 servings, follow steps 1 and 2. In step 3, add 12 oz ( $31 / 2$ cups) shredded reduced fat Cheddar cheese to soft dough. Mix lightly to distribute cheese. Continue with steps 4-6.

For 100 servings, follow steps 1 and 2 . In step 3, add 1 lb 8 oz (1 qt 3 cups) shredded reduced fat Cheddar cheese to soft dough. Mix lightly to distribute cheese. Continue with steps 4-6.
C. Drop Biscuits

For 50 servings, follow steps 1 and 2 . In step 3 , use 1 qt $3 / 4$ cup cold water. Omit step 4. In step 5, portion with level No. 16 scoop ( $1 / 4$ cup) onto 1 sheet pan ( $18^{\prime \prime} \times 26^{\prime \prime} \times 1$ ") in rows of 10 down and 5 across. Continue with step 6.

For 100 servings, follow steps 1 and 2 . In step 3 , use 2 qt $11 / 2$ cups cold water. Omit step 4. In step 5, portion with level No. 16 scoop ( $1 / 4$ cup) onto 2 sheet pans ( $18^{\prime \prime} \times 26^{\prime \prime} \times 1$ ") in rows of 5 across and 10 down. Continue with step 6.
D. Wheat Biscuits

For 50 servings, in step 1, use 2 lb 4 oz ( 2 qt ) enriched all-purpose flour and 12 oz ( $23 / 4 \mathrm{cups}$ ) whole wheat flour. Continue with steps 2-6.

For 100 servings, in step 1 , use $4 \mathrm{lb} 8 \mathrm{oz}(4 \mathrm{qt})$ enriched all-purpose flour and 1 lb 8 oz ( 1 qt $11 / 2$ cups) whole wheat flour. Continue with steps 2-6.

## Baking Powder Biscuits

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 164 | Saturated Fat | 1.68 g | Iron | 1.44 mg |
| Protein | 3.41 g | Cholesterol | 0 mg | Calcium | 117 mg |
| Carbohydrate | 22.09 g | Vitamin A | 40 IU | Sodium | 315 mg |
| Total Fat | 6.80 g | Vitamin C | 0.1 mg | Dietary Fiber | 0.7 g |
|  |  |  |  |  |  |

## Banana Bread Squares

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched all-purpose flour | 1 lb 12 oz | 1 qt $21 / 2$ cups | 3 lb 8 oz | 3 qt 1 cup | 1. Blend flour, sugar, dry milk, baking powder, baking soda, and salt in mixer for 1 minute at low speed. |
| Sugar | 1 lb 1 oz | $21 / 2$ cups | 2 lb 2 oz | 1 qt 1 cup |  |
| Instant nonfat dry milk |  | $1 / 4$ cup |  | $1 / 2$ cup |  |
| Baking powder |  | 1 Tbsp $21 / 4$ sp |  | 3 Tbsp $11 / 2$ tsp |  |
| Baking soda |  | 1 tsp |  | 2 tsp |  |
| Salt |  | 1 tsp |  | 2 tsp |  |
| Frozen whole eggs, thawed OR <br> Fresh large eggs (see Special Tip) | 7 oz | $3 / 4$ cup 2 Tbsp <br> OR <br> 4 each | 14 oz | $\begin{gathered} 12 / 3 \text { cups } \\ \text { OR } \\ 8 \text { each } \\ \hline \end{gathered}$ | 2. Combine eggs and water. Add shortening and liquid mixture to dry ingredients. Blend for 30 seconds on low speed. Beat for 1 minute on medium speed. |
| Water |  | $11 / 4$ cups |  | $21 / 2$ cups |  |
| Shortening | $61 / 20 z$ | 1 cup | 13 oz | 2 cups |  |
| *Fresh bananas, mashed | 1 lb 10 oz | $23 / 4$ cups | 3 lb 4 oz | 1 qt $11 / 2$ cups | 3. Add mashed bananas and nuts (optional). Blend for 30 seconds on low speed. Beat for 1 minute on medium speed. DO NOT OVERMIX. Batter will be lumpy. |
| Chopped walnuts (optional) | $61 / 2 \mathrm{oz}$ | $11 / 2$ cups | 13 oz | 3 cups |  |
| 4. Pour 5 lb 10 oz ( 2 qt 2 cups) batter into each steamtable pan ( $12^{\prime \prime} \times 20^{\prime \prime} \times 2 \frac{1 / 2 ")}{}$ ) which has been lightly coated with pan release spray. For 50 servings, use 1 pan. For 100 servings, use 2 pans. |  |  |  |  |  |
|  |  |  |  |  | 5. Bake until browned: Conventional oven: $350^{\circ} \mathrm{F}$ for $35-45$ minutes Convection oven: $300^{\circ} \mathrm{F}$ for $25-35$ minutes |
|  |  |  |  |  | 6. Cool. Cut each pan $5 \times 10$ ( 50 pieces per pan). |
|  |  |  |  |  | 7. For loaf pans: Pour $1 \mathrm{lb} 14 \mathrm{oz}(31 / 3 \mathrm{cups})$ batter into each loaf pan ( 4 " $\times 10$ " $\times 4$ ") which has been lightly coated with pan release spray. For 50 servings, use 3 loaf pans. For 100 servings, use 6 loaf pans. <br> Bake until browned: Conventional oven: $350^{\circ} \mathrm{F}$ for $50-60$ minutes Convection oven: $300^{\circ} \mathrm{F} 40-50$ minutes |

## Banana Bread Squares

| Grains/Breads |  | Grains/Breads |  | B-05 |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Remove from pans. Cool completely. <br> Cut each loaf into 17 slices, about $1 / 2$ " thick. |  |  |
| Comments: *See Marketing Guide. | Marketing Guide for Selected I tems |  |  |  |
|  | Food as Purchased for | 50 Servings | 100 Servinas |  |
|  | Bananas | 2 lb 9 oz | 5 lb 2 oz |  |
| SERV NG: | YIELD: | VOLUME: |  |  |
| 1 piece provides 1 serving of grains/breads. | $\begin{array}{ll}50 \text { Servings: } & 1 \text { steamtable pan } \\ & \text { OR } \\ & 3 \text { loaves }\end{array}$ | 50 Servings:about 2 quarts 2 cups (batter) <br> 50 pieces |  |  |
|  | 100 Servings: 2 steamtable pans OR <br> 6 loaves | 100 Servings: about 1 gallon 1 quart (batter) 100 pieces |  |  |
|  | Edited 2004 |  |  |  |

Special Tip:
For 50 servings, use 2 oz ( $2 / 3$ cup) dried whole eggs and $2 / 3$ cup water in place of eggs.

For 100 servings, use 4 oz ( $1 \frac{1}{3}$ cups) dried whole eggs and $1 \frac{1}{3}$ cups water in place of eggs.

Variations:
A. Banana Bread Squares (Using Master Mix B-01)

50 servings: Omit step 1 . Blend $2 \mathrm{lb} 71 / 2 \mathrm{oz}$ (2 qt) Master Mix with 1 lb 1 oz ( $21 / 2$ cups) sugar. In step 2 , omit shortening. Continue with steps 3-6.

100 servings: Omit steps 1 . Blend 4 lb 15 oz (4 qt) Master Mix with 2 lb 2 oz ( 1 qt 1 cup) sugar. In step 2 , omit shortening. Continue with steps 3-6.

## Banana Bread Squares

| Nutrients Per Serving |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- |
| Calories | 149 | Saturated Fat | 1.10 g | I ron |
| Protein | 2.41 g | Cholesterol | 17 mg | Calcium |
| Carbohydrate | 25.56 g | Vitamin A | 45 IU | Sodium |
| Total Fat | 4.31 g | Vitamin C | 1.4 mg | Dietary Fiber |

## Bread Stuffing

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched soft bread cubes | 4 lb 11 oz | $3 \mathrm{gal} 11 / 2 \mathrm{qt}$ | 9 lb 6 oz | 6 gal 3 qt | 1. Combine bread cubes, celery, onions, raisins (optional), poultry seasoning, pepper, granulated garlic, margarine or butter, and thyme (optional). Mix lightly until well blended. |
| *Fresh celery, chopped | 1 lb | $33 / 4$ cups 2 Tbsp | 2 lb | 1 qt $33 / 4$ cups |  |
| *Fresh onions, chopped OR <br> Dehydrated onions | 12 oz OR $21 / 40 z$ | 2 cups OR <br> $1 / 3$ cup | $\begin{gathered} 1 \mathrm{lb} 8 \text { oz } \\ \text { OR } \\ 41 / 2 \mathrm{oz} \\ \hline \end{gathered}$ | 1 qt OR <br> $2 / 3$ cup |  |
| $\dagger$ Raisins, plumped (optional) | $61 / 2 \mathrm{oz}$ | $21 / 4$ cups | 13 oz | $1 \mathrm{qt} 1 / 2$ cup |  |
| Poultry seasoning |  | 1 Tbsp |  | 2 Tbsp |  |
| Ground black or white pepper |  | $11 / 2 \mathrm{tsp}$ |  | 1 Tbsp |  |
| Granulated garlic |  | 1 Tbsp |  | 2 Tbsp |  |
| Margarine or butter, melted | $101 / 2 \mathrm{oz}$ | $11 / 3$ cups | 1 lb 5 oz | $23 / 4$ cups |  |
| Dried thyme (optional) |  | 2 Tbsp |  | $1 / 4$ cup |  |
| Chicken stock, non-MSG |  | 3 qt |  | 1 gal 2 qt | 2. Add chicken stock to bread mixture. Mix gently to moisten. |
|  |  |  |  |  | 3. Spread 6 lb 7 oz ( 3 qt 3 cups) of stuffing evenly into each steamtable pan ( 12 " $\times 20$ " $\times 21 / 22^{\prime \prime}$ ) which has been lightly coated with pan release spray. For 50 servings, use 2 pans. For 100 servings, use 4 pans. |
|  |  |  |  |  | 4. Bake: <br> Conventional oven: $350^{\circ} \mathrm{F}$ for $30-40$ minutes <br> Convection oven: $300^{\circ} \mathrm{F}$ for 20-30 minutes CCP: Heat to $165^{\circ} \mathrm{F}$ or higher for at least 15 seconds. |
|  |  |  |  |  | 5. CCP: Hold for hot service at $135^{\circ} \mathrm{F}$ or higher. Cut each pan $5 \times 5$ ( 25 pieces). |
|  |  |  |  |  | 6. If desired, serve with Chicken or Turkey Gravy (see G-03A). |

## Bread Stuffing

| Grains/Breads |  | Grains/Breads |  |  | B-06 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Comments: <br> *See Marketing Guide. |  | Marketing Guide for Selected I tems |  |  |  |
|  |  | Food as Purchased for | 50 Servings | 100 Servinas |  |
| †To plump raisins, cover the fruit with very hot tap water. Soak 2-5 minutes. DO NOT OVERSOAK. Drain well before using. |  | Celery | 1 lb 4 oz | 2 lb 8 oz |  |
|  |  | Mature onions | 14 oz | 1 lb 12 oz |  |
| SERV NG: | YI ELD: | VOLUME: |  |  |  |
| 1 piece provides $11 / 2$ servings of grains/breads. | 50 Servings: | 2 steamtable pans | 50 Servings: | about 1 gallon $1 / 2$ cup 50 pieces |  |
|  | 100 Serving | : 4 steamtable pans | 100 Servings: | about 2 gallons 1 cup 100 pieces |  |

Tested 2004

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 165 | Saturated Fat | 1.23 g | Iron | 1.40 mg |
| Protein | 3.97 g | Cholesterol | 1 mg | Calcium | 56 mg |
| Carbohydrate | 22.65 g | Vitamin A | 226 IU | Sodium | 327 mg |
| Total Fat | 6.45 g | Vitamin C | 1.0 mg | Dietary Fiber | 1.2 g |
|  |  |  |  |  |  |

## Cornbread Stuffing

Grains/Breads Grains/Breads B-06A

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched soft bread cubes | $2 \mathrm{lb} 51 / 2 \mathrm{oz}$ | 1 gal 1 1/2 qt | 4 lb 11 oz | 2 gal 3 qt | 1. Combine bread cubes, crumbled cornbread, celery, onions, poultry seasoning, pepper, granulated garlic, margarine or butter, and thyme (optional). Mix lightly until well blended. |
| Cornbread (B-09), crumbled | $2 \mathrm{lb} 51 / 2 \mathrm{oz}$ | 2 qt $21 / 2$ cups | 4 lb 11 oz | $1 \mathrm{gal} 11 / 4 \mathrm{qt}$ |  |
| *Fresh celery, chopped | 1 lb | $33 / 4$ cups | 2 lb | 1 qt $31 / 2$ cups |  |
| *Fresh onions, chopped OR <br> Dehydrated onions | 12 oz OR $21 / 4 \mathrm{OZ}$ | 2 cups OR <br> $1 / 3$ cup | $\begin{gathered} 1 \mathrm{lb} 8 \text { oz } \\ \text { OR } \\ 41 / 2 \mathrm{oz} \end{gathered}$ | 1 qt OR 2/3 cup |  |
| Poultry seasoning |  | 1 Tbsp |  | 2 Tbsp |  |
| Ground black or white pepper |  | $11 / 2$ tsp |  | 1 Tbsp |  |
| Granulated garlic |  | 1 Tbsp |  | 2 Tbsp |  |
| Margarine or butter, melted | $101 / 2 \mathrm{oz}$ | $11 / 3$ cups | 1 lb 5 oz | $22 / 3$ cups |  |
| Dried thyme (optional) |  | 2 Tbsp |  | 1/4 cup |  |
| Chicken stock, non-MSG |  | 3 qt |  | 1 gal 2 qt | 2. Add chicken stock to bread mixture. Mix gently to moisten. |
|  |  |  |  |  | 3. Spread 6 lb 7 oz ( 3 qt 3 cups) of stuffing evenly into each steamtable pan (12" x 20" x $21 / 2 "$ ) which has been lightly coated with pan release spray. For 50 servings, use 2 pans. For 100 servings, use 4 pans. |
|  |  |  |  |  | 4. Bake: <br> Conventional oven: $350^{\circ} \mathrm{F}$ for 30-40 minutes Convection oven: $300^{\circ} \mathrm{F}$ for 20-30 minutes CCP: Heat to $165^{\circ} \mathrm{F}$ or higher for at least 15 seconds. |
|  |  |  |  |  | 5. CCP: Hold for hot service at $135^{\circ} \mathrm{F}$ or higher. Cut each pan $5 \times 5$ ( 25 pieces). |
|  |  |  |  |  | 6. If desired, serve with Chicken or Turkey Gravy (see G-03A). |

## Cornbread Stuffing

Grains/Breads
Comments:
*See Marketing Guide.

Grains/Breads
B-06A

| Marketing Guide for Selected Items   <br> Food as Purchased for 50 Servings  <br> Celery 1 lb 4 oz $\mathbf{1 0 0}$ Servincs <br> Mature onions 14 oz 2 lb 8 oz | 1 lb 12 oz |
| :--- | :--- | :--- |


| SERV NG: | Y1 =L- ${ }_{\text {d }}$ | VOLUME: |  |
| :---: | :---: | :---: | :---: |
| 1 piece provides $11 / 2$ servings of grains/breads. | 50 Servings: 2 steamtable pans | 50 Servings: | about 1 gallon $1 / 2$ cup 50 pieces |
|  | 100 Servings: 4 steamtable pans | 100 Servings: | about 2 gallons 1 cup 100 pieces |

## Nutrients Per Serving

| Calories | 162 | Saturated Fat | 1.34 g | Iron | 1.20 mg |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Protein | 3.59 g | Cholesterol | 7 mg | Calcium | 68 mg |
| Carbohydrate | 21.19 g | Vitamin A | 230 IU | Sodium | 289 mg |
| Total Fat | 7.10 g | Vitamin C | 1.0 mg | Dietary Fiber | 1.2 g |
|  |  |  |  |  |  |

## Brown Bread

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched all-purpose flour | 8 oz | $13 / 4$ cups 2 Tbsp | 1 lb | $33 / 4$ cups | 1. Blend flour, whole wheat flour, cornmeal, baking soda, and salt in mixer for 1 minute on low speed. |
| Whole wheat flour | 8 oz | 2 cups | 1 lb | 1 qt |  |
| Cornmeal | 12 oz | $23 / 4$ cups 2 Tbsp | 1 lb 8 oz | 1 qt $13 / 4$ cups |  |
| Baking soda |  | 1 Tbsp |  | 2 Tbsp |  |
| Salt |  | 1 tsp |  | 2 tsp |  |
| Instant nonfat dry milk, reconstituted |  | 1 qt |  | 2 qt | 2. Combine milk and lemon juice or vinegar (to sour the milk). Let stand for 5 minutes. |
| Frozen lemon juice concentrate, reconstituted OR <br> White vinegar |  | $1 / 4$ cup <br> OR <br> $1 / 4$ cup |  | $\begin{gathered} 1 / 2 \text { cup } \\ \text { OR } \\ 1 / 2 \text { cup } \\ \hline \end{gathered}$ |  |
| Molasses | 1 lb | $11 / 2$ cups | 2 lb | 3 cups | 3. Add molasses and vegetable oil to milk mixture. Blend well. |
| Vegetable oil |  | 2 Tbsp |  | $1 / 4$ cup |  |
| $\dagger$ Raisins, plumped (optional) | 8 oz | $11 / 4$ cups | 1 lb | $21 / 2$ cups | 4. Add liquid mixture and raisins (optional) to dry ingredients. Blend for 3 minutes on low speed. DO NOT OVERMIX. Batter will be lumpy. |
|  |  |  |  |  | 5. Pour $5 \mathrm{lb}(2$ qt $1 / 2$ cup) batter into each steamtable pan ( $12^{\prime \prime} \times 20$ " $\times 21 / 2^{\prime \prime}$ ) which has been lightly coated with pan release spray. For 50 servings, use 1 pan. For 100 servings, use 2 pans. |
|  |  |  |  |  | 6. Bake or steam until a knife inserted near center comes out clean: <br> Conventional oven: $375^{\circ} \mathrm{F}$ for $40-50$ minutes Convection oven: $325^{\circ} \mathrm{F}$ for $25-35$ minutes Steamer: 5 lb pressure for $55-65$ minutes |
|  |  |  |  |  | 7. Cool. Cut each pan $5 \times 10$ ( 50 pieces per pan). |
|  |  |  |  |  | 8. For loaf pans: Pour 2 lb 8 oz (approximately 1 qt $1 / 4$ cup) batter into each loaf pan ( 4 " $\times 10^{\prime \prime} \times 4$ ") which has been lightly coated with pan release spray. For 50 servings, use 2 pans. For 100 servings, use 4 pans. |

## Brown Bread

|  | Bake or steam until knife inserted near center <br> comes out clean: <br> Conventional oven: $375^{\circ} \mathrm{F}$ for 60 minutes <br> Convection oven: $325^{\circ} \mathrm{F}$ for 45 minutes |
| :--- | :--- |
| Steamer: 5 lb pressure for 1 hour 10 <br> minutes |  |
|  | Remove from pans. Cool completely. Cut each <br> loaf into 25 slices, about $3 / 8^{\prime}-1 / 2^{\prime \prime}$ thick. |

Comments:
†To plump raisins, cover the fruit with very hot tap water. Soak
2-5 minutes. DO NOT OVERSOAK. Drain well before using.


| Nutrients Per Serving |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- |
| Calories | 92 | Saturated Fat | 0.13 g | Iron |
| Protein | 2.29 g | Cholesterol | 0 mg | Calcium |
| Carbohydrate | 19.27 g | Vitamin A | 28 IU | Sodium |
| Total Fat | 0.88 g | Vitamin C | 0.5 mg | Dietary Fiber |

## Cinnamon Rolls

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
|  |  |  |  |  | For best results, have all ingredients and utensils at room temperature. |
| Active dry yeast (see Special Tip) |  | 1/3 cup | $31 / 4 \mathrm{oz}$ | ½ cup 2 Tbsp | 1. Dissolve dry yeast in warm water. Let stand for 4-5 minutes. |
| Water, warm ( $110^{\circ} \mathrm{F}$ ) |  | $11 / 2$ cups |  | 3 cups |  |
| Enriched all-purpose flour | 3 lb 10 oz | 3 qt $11 / 2$ cups | 7 lb 4 oz | $1 \mathrm{gal} 23 / 4 \mathrm{qt}$ | 2. Place flour, dry milk, sugar, and salt in mixer bowl. Blend with dough hook for approximately 2 minutes on low speed. |
| Instant nonfat dry milk | $31 / 40 \mathrm{Oz}$ | $11 / 3$ cups | $61 / 2 \mathrm{Oz}$ | $23 / 4$ cups |  |
| Sugar | $53 / 4 \mathrm{oz}$ | $3 / 4$ cup 2 Tbsp | $111 / 2 \mathrm{oz}$ | $11 / 2$ cups 2 Tbsp |  |
| Salt |  | 2 Tbsp | $21 / 2 \mathrm{Oz}$ | $1 / 4$ cup |  |
| Vegetable oil |  | $3 / 4$ cup 2 Tbsp |  | $12 / 3$ cups | 3. Add oil and blend for approximately 2 minutes on low speed. |
| Water ( $68^{\circ} \mathrm{F}$ ) |  | $21 / 2$ cups |  | 1 qt 1 cup | 4. Add water. Mix for 1 minute on low speed. |
|  |  |  |  |  | 5. Add dissolved yeast and mix for 2 minutes on low speed. |
|  |  |  |  |  | 6. Knead dough on medium speed for 8 minutes, or until dough is smooth and elastic. |
|  |  |  |  |  | 7. Place in warm area (about $90^{\circ} \mathrm{F}$ ) for 45-60 minutes. |
|  |  |  |  |  | 8. Place dough on lightly floured surface. Divide into balls, 3 lb 2 oz each. For 50 servings, divide into 2 balls. For 100 servings, divide into 4 balls. |
| Ground cinnamon |  | $1 / 4$ cup |  | $1 / 2$ cup | 9. Combine cinnamon and sugar. Mix well. Set aside for step 11. |
| Sugar | $51 / 4 \mathrm{Oz}$ | $3 / 4$ cup | $101 / 2 \mathrm{oz}$ | $11 / 2$ cups |  |
|  |  |  |  |  | 10. Roll each ball of dough into a rectangle 25 m 10", 1 " thick. |
| Vegetable oil |  | 1 Tbsp |  | 2 Tbsp | 11. Lightly brush each rectangle with oil. Sprinkle approximately $1 / 2$ cup cinnamon-sugar mixture over each rectangle. |
| Raisins | 10 oz | 2 cups | $1 \mathrm{lb} 41 / 2 \mathrm{oz}$ | 1 qt | 12. Sprinkle 1 cup raisins over cinnamon-sugar mixture on each rectangle. |

## Cinnamon Rolls



## Special Tip:

To use high-activity (instant) yeast, follow directions below or manufacturer's instructions.

For 50 servings, omit step 1. In step 2, add $1 / 4$ cup high-activity (instant)
yeast. Continue with step 3 . In step 4, add 1 qt water ( $110^{\circ} \mathrm{F}$ ). Omit step 5.
In step 6, knead for 10 minutes. Continue with steps 7-17.
For 100 servings, omit step 1 . In step 2, add $21 / 2$ oz ( $1 / 4$ cup $32 / 3$ Tbsp) highactivity (instant) yeast. Continue with step 3 . In step 4 , add 2 qt water ( $110^{\circ}$
F). Omit step 5. In step 6, knead for 10 minutes. Continue with steps 7-17.

## Cinnamon Rolls

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 209 | Saturated Fat | 0.65 g | Iron | 2.08 mg |
| Protein | 4.73 g | Cholesterol | 0 mg | Calcium | 39 mg |
| Carbohydrate | 37.70 g | Vitamin A | 46 IU | Sodium | 292 mg |
| Total Fat | 4.53 g | Vitamin C | 0.5 mg | Dietary Fiber | 1.7 g |
|  |  |  |  |  |  |

## Cornbread

## Grains/Breads

Grains/Breads
B-09

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched all-purpose flour | 1 lb | $33 / 4$ cups | 2 lb | 1 qt $31 / 2$ cups | 1. Blend flour, cornmeal or corn grits, sugar, baking powder, and salt in mixer for 1 minute on low speed. |
| Cornmeal OR <br> Enriched corn grits | 1 lb OR <br> 1 lb | $33 / 4$ cups OR $23 / 4$ cups | 2 lb <br> OR <br> 2 lb | 1 qt $31 / 2$ cups OR <br> 1 qt $1 \frac{1}{2}$ cups |  |
| Sugar | $51 / 4 \mathrm{Oz}$ | 3/4 cup | $101 / 2 \mathrm{oz}$ | $11 / 2$ cups |  |
| Baking powder |  | 2 Tbsp 2 tsp | 2 oz | $1 / 3$ cup |  |
| Salt |  | $11 / 4 \mathrm{tsp}$ |  | $21 / 2$ tsp |  |
| Frozen whole eggs, thawed OR <br> Fresh large eggs (see Special Tip) | $51 / 4 \mathrm{Oz}$ | $\begin{gathered} 2 / 3 \text { cup } \\ \text { OR } \\ 3 \text { each } \end{gathered}$ | $101 / 2 \text { oz }$ | $11 / 4$ cups <br> OR <br> 6 each | 2. Mix eggs, milk, oil, cheese (optional), and chili peppers (optional). Add to dry ingredients and blend for 30 seconds on low speed. Beat until dry ingredients are moistened for 2-3 minutes on medium speed. DO NOT OVERMIX. Batter will be lumpy. |
| Instant nonfat dry milk, reconstituted |  | $33 / 4$ cups |  | 1 qt $31 / 2$ cups |  |
| Vegetable oil |  | $1 / 2$ cup |  | 1 cup |  |
| Reduced fat Cheddar cheese, shredded (optional) | 12 oz | 3 cups | 1 lb 8 oz | 1 qt 2 cups |  |
| *Fresh green chili peppers, chopped (optional) | 4 oz | 3/4 cup 3 Tbsp | 8 oz | $13 / 4$ cups 2 Tbsp |  |

3. Pour 2 lb 7 oz (1 qt 1 cup) batter into each sheet pan ( $18^{\prime \prime} \times 26^{\prime} \times 1$ ) which has been lightly coated with pan release spray. For 50 servings use 2 pans. For 100 servings, use 4 pans
4. Bake until lightly browned:

Conventional oven: $400^{\circ} \mathrm{F}$ for 30-35 minutes
Convection oven: $350^{\circ} \mathrm{F}$ for 20-25 minutes
5. Cut each sheet pan $5 \times 5$ ( 25 pieces per pan).

| Marketing Guide for Selected Items |  |  |
| :--- | :--- | :--- |
| Food as Purchased for | $\mathbf{5 0}$ Servings | $\mathbf{1 0 0}$ Servincs |
| Green chili peppers | $50 z$ | $100 z$ |

## Cornbread

| Grains/Breads |  |  | Grains/Breads |  | B-09 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SERV NG: | Y1 =L-D: |  | VOLUME: |  |  |
| 1 piece provides 1 serving of grains/breads. | 50 Servings: | 4 lb 14 oz (batter) <br> 2 sheet pans | 50 Servings: | about 2 quarts 2 cups (batter) 50 pieces |  |
|  | 100 Servings: | 9 lb 12 oz (batter) 4 sheet pans | 100 Servings: | 1 gallon 1 quart (batter) 100 pieces |  |
|  | Edited 2004 |  |  |  |  |

Special Tip:
For 50 servings, use $11 / 2$ oz ( $1 / 2$ cup) dried whole eggs and $1 / 2$ cup water in place of eggs.

For 100 servings, use 3 oz ( 1 cup) dried whole eggs and 1 cup water in place of eggs.

| Nutrients Per Serving |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- |
| Calories | 108 | Saturated Fat | 0.45 g | Iron |
| Protein | 2.65 g | Cholesterol | 13 mg | Calcium |
| Carbohydrate | 18.03 g | Vitamin A | 51 IU | Sodium |
| Total Fat | 2.82 g | Vitamin C | 0.1 mg | Dietary Fiber |

## Fried Rice

| Ingredients | 50 Servings |  | 100 Servings | Directions |
| :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight Measure |  |
| Vegetable oil |  | $1 / 4$ cup | $1 / 2$ cup | 1. Heat oil. Add onions. Cook for 3-5 minutes. |
| *Fresh onions, chopped OR <br> Dehydrated onions | $\begin{gathered} 8 \mathrm{oz} \\ \text { OR } \\ 11 / 2 \mathrm{oz} \\ \hline \end{gathered}$ | $\begin{gathered} 11 / 3 \text { cups } \\ \text { OR } \\ 3 / 4 \text { cup } \\ \hline \end{gathered}$ | 1 lb $2 \frac{2}{3}$ cups <br> OR OR <br> 3 oz $11 / 2$ cups |  |
| Frozen whole eggs, thawed OR <br> Fresh large eggs (see Special Tip) | 2 lb 13 oz | 1 qt $1 \frac{1}{3}$ cups <br> OR 26 each | 5 lb 10 oz2 qt $22 / 3$ cups <br> OR <br>  <br> 52 each | 2. Add eggs. Cook over medium heat, stirring frequently, for 10-15 minutes or until set. |
| *Cooked enriched white rice | 11 lb 13 oz | $1 \mathrm{gal} 31 / 4 \mathrm{qt}$ | 23 lb 10 oz | 3. For cooked rice, use Cooking Rice recipe (see B-03). Combine rice, peas, soy sauce, and carrots. Pour into medium steamtable pans ( 12 " $\times 20$ " $\times 4$ "). For 50 servings, use 2 pans. For 100 servings, use 4 pans. |
| Frozen peas | 1 lb 2 oz | $23 / 4$ cups | 2 lb 4 oz |  |
| Low-sodium soy sauce |  | $11 / 3$ cups | $22 / 3$ cups |  |
| Frozen diced carrots | 1 lb 2 oz | $23 / 4$ cups 2 Tbsp | 2 lb 4 oz |  |
|  |  |  |  | 4. Cover. |
|  |  |  |  | 5. Bake: Convection oven: $325^{\circ} \mathrm{F}$ for 25 minutes Conventional oven: $350^{\circ} \mathrm{F}$ for 35 minutes CCP: Heat to $165^{\circ} \mathrm{F}$ or higher for at least 15 seconds. |
|  |  |  |  | 6. CCP: Hold for hot service at $135^{\circ} \mathrm{F}$ or higher. <br> Portion with 6 oz portioning spoon ( $3 / 4 \mathrm{cup}$ ). |
| Comments: *See Marketing Guide. |  |  | Marketing Guide for Selected I tems |  |
|  |  |  | Food as Purchased for | 50 servings 100 servinas |
|  |  |  | Mature onions | 10 oz |
|  |  |  | White rice, medium grain | 4 lb 5 oz |
|  |  |  | White rice, long grain | 3 lb 14 oz |
|  |  |  | White rice, long grain parboiled | 4 lb 3 oz |

## Fried Rice

| Meat/Meat Alternate-Vegetable-Grains/Breads |  | Grains/Breads |  |
| :--- | :--- | :--- | :--- |
| SERV NG: | YI ELD: | V-10 |  |
| 3/4 cup (6 oz portioning spoon) provides 1 oz <br> equivalent meat/meat alternate, $1 / 8$ cup of vegetable, <br> and 1 serving of grains/breads. | $\mathbf{5 0}$ Servings: | about 17 lb | $\mathbf{5 0}$ Servings: |

Tested 2004
Special Tip:
For 50 servings, use 13 oz (1 qt $1 / 3$ cup) dried whole eggs and 1 qt $1 / 3$ cup
water in place of eggs.
For 100 servings, use 1 lb 10 oz ( $2 \mathrm{qt} 2 / 3$ cup) dried whole eggs and $2 \mathrm{qt} 2 / 3$ cup water in place of eggs.

| Nutrients Per Serving |  |  |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | :---: | :---: | :---: |
| Calories | 184 | Saturated Fat | 1.02 g | I ron |  |  |  |
| Protein | 6.73 g | Cholesterol | 108 mg | Calcium |  |  |  |
| Carbohydrate | 29.38 g | Vitamin A | 1873 IU | Sodium |  |  |  |
| Total Fat | 3.95 g | Vitamin C | 1.5 mg | Dietary Fiber |  |  |  |
|  |  |  | 29 mg |  |  |  |  |
|  |  |  | 409 mg |  |  |  |  |

## Italian Bread

## Grains/Breads

Grains/Breads
B-11

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
|  |  |  |  |  | For best results, have all ingredients and utensils at room temperature. |
| Active dry yeast (see Special Tip) | 2 Tbsp 2 tsp |  |  | $1 / 3$ cup | 1. Dissolve dry yeast in warm water. Let stand for 4-5 minutes. |
| Water, warm ( $110^{\circ} \mathrm{F}$ ) | 1 cup |  |  | 2 cups |  |
| Enriched all-purpose flour | 3 lb 12 oz | 3 qt 2 cups | 7 lb 8 oz | 1 gal 3 qt | 2. Place flour, dry milk, sugar, and salt in mixer bowl. Blend with dough hook for approximately 2 minutes on low speed. |
| Instant nonfat dry milk | 3 oz | $11 / 4$ cups | 6 oz | $21 / 2$ cups |  |
| Sugar |  | $1 / 4$ cup | $31 / 2 \mathrm{oz}$ | $1 / 2$ cup |  |
| Salt |  | 1 Tbsp |  | 2 Tbsp |  |
| Water (70-75 ${ }^{\circ} \mathrm{F}$ ) |  | 3 cups |  | 1 qt 2 cups | 3. Add water and mix for 1 minute on low speed. |
|  |  |  |  |  | 4. Add dissolved yeast and mix for 2 minutes on low speed. |
| Shortening | 1/4 cup |  | $31 / 4 \mathrm{oz}$ | $1 / 2$ cup | 5. Add shortening and mix for 2 minutes on low speed. |
|  |  |  |  |  | 6. Knead dough for 8 minutes on medium speed or until dough is smooth and elastic. |
|  |  |  |  | 7. Place dough in warm area (about $90^{\circ} \mathrm{F}$ ) for 45-60 minutes. |  |
|  |  |  |  |  | 8. Punch down dough to remove air bubbles and let rest 15 minutes. |
|  |  |  |  |  | 9. Divide dough into pieces, 3 lb 6 oz each. For 50 servings, divide into 2 pieces. For 100 servings, divide into 4 pieces. Shape each piece into a smooth roll 24 " long. |
| Cornmeal |  | 2 Tbsp |  | $1 / 4$ cup | 10. Place lengthwise on sheet pans (18" x 26 " x 1") which have been lightly coated with pan release spray and sprinkled with cornmeal, approximately 2 Tbsp per sheet pan. For 50 servings, use 1 pan. For 100 servings, use 2 pans. |
|  |  |  |  |  | 11. Place sheet pans in a warm area (about $90^{\circ} \mathrm{F}$ ) until double in size, 30-50 minutes. |

## Italian Bread

| Grains/Breads |  | Grains/Breads |  | B-11 |
| :---: | :---: | :---: | :---: | :---: |
| Water, as needed |  | 12. Brush top of each loaf with water. Using scissors or a very sharp knife, cut 5 or 6 diagonal slits $1 / 4$ deep on top of each loaf. |  |  |
|  |  | 13. Bake until browned: Conventional oven: $400^{\circ} \mathrm{F}$ for 25 minutes Convection oven: $350^{\circ} \mathrm{F}$ for 20 minutes |  |  |
|  |  | 14. Cool. Cut each loaf into 25 slices, $7 / 8{ }^{\prime \prime}$ thick. |  |  |
| SERV NG: | Y1 ELD: | VOLUME: |  |  |
| 1 slice provides 2 servings of grains/breads. | $\begin{array}{ll}50 \text { Servings: } & \begin{array}{l}6 \mathrm{lb} 12 \mathrm{oz} \text { (dough) } \\ 2 \text { loaves }\end{array}\end{array}$ | 50 Servings: 50 pieces |  |  |
|  | $\mathbf{1 0 0}$ Servings: 13 lb 8 oz (dough) 4 loaves | 100 Servings: | 100 pieces |  |

Tested 2004

## Special Tip:

To use high-activity (instant) yeast, follow directions below or manufacturer's instructions.

For 50 servings, omit step 1 . In step 2, add 2 Tbsp high-activity (instant) yeast. In step 3, add 1 qt water ( $110^{\circ} \mathrm{F}$ ). Omit step 4 . Continue with step 5. In step 6, knead for 10 minutes. Continue with steps 7-14.

For 100 servings, omit step 1 . In step 2 , add $1 / 4$ cup high-activity (instant) yeast. In step 3 , add 2 qt water ( $110^{\circ} \mathrm{F}$ ). Omit step 4 . Continue with step 5. In step 6, knead for 10 minutes. Continue with steps 7-14.

## Italian Bread

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 145 | Saturated Fat | 0.32 g | Iron | 1.70 mg |
| Protein | 4.37 g | Cholesterol | 0 mg | Calcium | 27 mg |
| Carbohydrate | 28.23 g | Vitamin A | 41 IU | Sodium | 150 mg |
| Total Fat | 1.40 g | Vitamin C | 0.1 mg | Dietary Fiber | 1.1 g |
|  |  |  |  |  |  |

## Muffin Squares

## Grains/Breads

Grains/Breads
B-12

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched all-purpose flour | 1 lb 12 oz | 1 qt $2 ½$ cups | 3 lb 8 oz | 3 qt 1 cup | 1. Blend flour, dry milk, baking powder, sugar, and salt in mixer for 5 minutes on low speed. Add raisins (optional). |
| Instant nonfat dry milk |  | $3 / 4$ cup | $31 / 2 \mathrm{oz}$ | $11 / 2$ cups |  |
| Baking powder |  | 3 Tbsp 2 tsp | 3 oz | $1 / 4$ cup $31 / 3$ Tbsp |  |
| Sugar | 7 oz | 1 cup | 14 oz | 2 cups |  |
| Salt |  | 2 tsp |  | 1 Tbsp 1 tsp |  |
| $\dagger$ Raisins, plumped (optional) | 8 oz | $22 / 3$ cups | 1 lb | 1 qt $11 / 3$ cups |  |
| Frozen whole eggs, thawed OR <br> Fresh large eggs (see Special Tip) | $51 / 4 \mathrm{oz}$ | $2 / 3$ cup <br> OR <br> 3 each | $101 / 2 \text { oz }$ | $11 / 4$ cups <br> OR <br> 6 each | 2. Combine eggs and water. Add slowly to dry ingredients while mixing on low speed. Mix only until dry ingredients are moistened, 15-20 seconds. |
| Water |  | $23 / 4$ cups |  | 1 qt $11 / 2$ cups |  |
| Vegetable oil |  | $3 / 4$ cup |  | $11 / 2$ cups | 3. Add oil slowly while mixing approximately 40 seconds on low speed. DO NOT OVERMIX. Batter will be lumpy. |
|  |  |  |  |  | 4. Pour 4 lb 7 oz ( 2 qt 2 cups) batter into each steamtable pan (12" x 20 " $\times 21 / 2$ ") which has been lightly coated with pan release spray. For 50 servings, use 1 pan. For 100 servings, use 2 pans. |
|  |  |  |  |  | 5. Bake until lightly browned: Conventional oven: $425^{\circ} \mathrm{F}$ for 25 minutes Convection oven: $350^{\circ} \mathrm{F}$ for 15 minutes |
|  |  |  |  |  | 6. Cut each pan $5 \times 10$ ( 50 portions per pan). |
|  |  |  |  |  | For muffin pans: Portion batter with No. 20 scoop ( $31 / 3$ Tbsp) into muffin pans lightly coated with pan release spray. Fill no more than $2 / 3$ full. <br> Bake until lightly browned: <br> Conventional oven: $400^{\circ} \mathrm{F}$ for $18-20$ minutes Convection oven: $350^{\circ} \mathrm{F}$ for 12-15 minutes <br> To cool, remove muffins from pans immediately and place on cooling racks. |

## Muffin Squares

Comments:
†To plump raisins, cover the fruit with very hot tap water. Soak 2-
5 minutes. DO NOT OVERSOAK. Drain well before using.

| SERV NG: | YI EL-D: |  | VOLUME: |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 piece provides 1 serving of grains/breads. | 50 Servings: | 4 lb 7 oz (batter) <br> 1 steamtable pan | 50 Servings: | about 2 quarts 2 cups (batter) 50 pieces or 50 muffins |
|  | 100 Servings: | 8 lb 14 oz (batter) 2 steamtable pans | 100 Servings: | about 1 gallon 1 quart (batter) 100 pieces or 100 muffins |

Edited 2004

Special Tip:
For 50 servings, use $11 / 2$ oz ( $1 / 2$ cup) dried whole eggs and $1 / 2$ cup water in place of eggs.

For 100 servings, use 3 oz (1 cup) dried whole eggs and 1 cup water in place of eggs.

## Variations:

A. Muffin Squares (Using Master Mix)

50 servings: Omit step 1 . Blend $2 \mathrm{lb} 71 / 2 \mathrm{oz}(2 \mathrm{qt})$ Master Mix with $7 \mathrm{oz}(1$ cup) sugar. Continue with step 2 . Omit step 3 . Continue with step 4-6.

100 servings: Omit step 1 . Blend 4 lb 15 oz (4 qt) Master Mix with 14 oz (2 cups) sugar. Continue with step 2 . Omit step 3 . Continue with steps 4-6.
B. Wheat Muffin Squares

50 servings: In step 1 , use 1 lb 5 oz ( 1 qt $3 / 4 \mathrm{cup}$ ) enriched all-purpose flour and 7 oz ( $1 \frac{1}{2}$ cups 2 Tbsp) whole wheat flour. Continue with steps 2-6.

100 servings: In step 1 , use 2 lb 10 oz (2 qt $11 / 2$ cups) enriched all-purpose flour and $14 \mathrm{oz}(31 / 4 \mathrm{cups})$ whole wheat flour. Continue with steps 2-6.

## Muffin Squares

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 110 | Saturated Fat | 0.58 g | Iron | 0.88 mg |
| Protein | 2.36 g | Cholesterol | 13 mg | Calcium | 66 mg |
| Carbohydrate | 16.87 g | Vitamin A | 42 IU | Sodium | 193 mg |
| Total Fat | 3.73 g | Vitamin C | 0.1 mg | Dietary Fiber | 0.4 g |
|  |  |  |  |  |  |

## Pancakes

## Grains/Breads

Grains/Breads
B-13

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched all-purpose flour | 2 lb | 1 qt 3112 cups | 4 lb | 3 qt 3 cups | 1. Blend flour, baking powder, salt, dry milk, and sugar in mixer for 3 minutes on low speed. |
| Baking powder |  | $1 / 4$ cup | $31 / 4 \mathrm{oz}$ | $1 / 2$ cup |  |
| Salt |  | $11 / 2$ tsp |  | 1 Tbsp |  |
| Instant nonfat dry milk | $21 / 20 z$ | 1 cup | 5 oz | 2 cups |  |
| Sugar | $21 / 4 \mathrm{Oz}$ | $1 / 3$ cup | $41 / 2 \mathrm{Oz}$ | 2/3 cup |  |
| Frozen whole eggs, thawed OR <br> Fresh large eggs (see Special Tip) | 14 oz | $12 / 3$ cups <br> OR <br> 8 each | $1 \text { lb } 12 \text { oz }$ | $31 / 3$ cups OR 16 each | 2. Combine eggs, water, and oil. Add to dry ingredients. |
| Water |  | 1 qt $11 / 4$ cups |  | 2 qt $21 / 2$ cups |  |
| Vegetable oil |  | 1 cup |  | 2 cups |  |
|  |  |  |  |  | 3. Blend for 2 minutes on low speed. Batter will be lumpy. DO NOT OVERMIX. |
|  |  |  |  |  | 4. If desired, lightly coat griddle surface with pan release spray. Portion batter with level No. 20 scoop (3 Tbsp 1 tsp) onto griddle, which has been heated to $375^{\circ} \mathrm{F}$. |
|  |  |  |  |  | 5. Cook until surface of pancakes is covered with bubbles and bottom side is lightly browned, approximately 2 minutes. Turn and cook until lightly browned on other side, approximately 1 minute. |
|  |  |  |  |  | 6. Serve immediately or reheat in covered steamtable pans (12" x 20" x $21 / 2^{\prime \prime}$ ): <br> Conventional Oven: $350^{\circ} \mathrm{F}$ for 10-15 minutes Convection Oven: $300^{\circ} \mathrm{F}$ for $8-10$ minutes |


| SERVI NG: | Y = | VOLUME: |
| :---: | :---: | :---: |
| 1 pancake provides 1 serving of grains/breads. | 50 Servings: 50 (4 inch) pancakes | 50 Servings: about 2 quarts 2 cups (batter) |

## Pancakes

Special Tip:
For 50 servings, use 4 oz ( $1 \frac{1}{3}$ cups) dried whole eggs and $1 \frac{1}{3}$ cups water in place of eggs.

For 100 servings, use 8 oz ( $22 / 3$ cups) dried whole eggs and $22 / 3$ cups water in place of eggs.

## Variation

A. Pancakes (Using Master Mix)

50 servings: Omit step 1 . Use 2 lb 13 oz (2 qt 1 cup) Master Mix and $21 / 4 \mathrm{oz}$ ( $1 / 3$ cup) sugar. In step 2, omit oil. In step 3, blend for 3 minutes on medium speed. Continue with steps 4-6.

100 servings: Omit step 1 . Use 5 lb 10 oz (4 qt 2 cups) Master Mix and $41 / 2 \mathrm{oz}$ ( $2 / 3$ cup) sugar. In step 2, omit oil. In step 3, blend for 3 minutes on medium speed. Continue with steps 4-6.

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 127 | Saturated Fat | 0.89 g | Iron | 1.09 mg |
| Protein | 3.36 g | Cholesterol | 34 mg | Calcium | 89 mg |
| Carbohydrate | 16.26 g | Vitamin A | 84 IU | Sodium | 205 mg |
| Total Fat | 5.34 g | Vitamin C | 0.1 mg | Dietary Fiber | 0.5 g |
|  |  |  |  |  |  |

## Pizza Crust

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
|  |  |  |  |  | For best results, have all ingredients and utensils at room temperature. |
| Enriched all-purpose flour | 3 lb 8 oz | 3 qt 1 cup | 7 lb | $1 \mathrm{gal} 21 / 2 \mathrm{qt}$ | 1. Place flour, salt, sugar, and dry yeast in large mixer bowl. Mix with a dough hook for 30 seconds on low speed. |
| Salt |  | $11 / 2 \mathrm{tsp}$ | 1 Tbsp |  |  |
| Sugar |  | 2 Tbsp 1 tsp | 2 oz | $1 / 4$ cup 2 tsp |  |
| Active dry yeast (see Special Tip) |  | 2 Tbsp $11 / 2$ tsp | 2 oz | $1 / 4$ cup 1 Tbsp |  |
| Water, warm ( $130^{\circ} \mathrm{F}$ ) |  | 1 qt $1 / 4$ cup |  | 2 qt $1 / 2$ cup | 2. Combine warm water and oil. Add liquids to the dry ingredients. Mix on low speed for 6 minutes. |
| Vegetable oil |  | $1 / 3$ cup | 2/3 cup |  | 3. Divide and shape dough. For 50 servings, divide into 2 balls, 2 lb 6 oz each and one ball, 1 lb 3 oz . For 100 servings, divide into 5 balls, 2 lb 6 oz each. Let rest for 20 minutes. |
|  |  |  |  |  |  |
| Cornmeal | $21 / 2 \mathrm{oz}$ | $1 / 2$ cup 2 Tbsp | 5 oz | $11 / 4$ cups | 4. Lightly coat sheet pans ( 18 " $\times 26^{\prime \prime} \times 1$ ") and half-sheet pan ( $13^{\prime \prime} \times 18^{\prime \prime} \times 1$ ") with pan release spray. For 50 servings, use 2 pans and 1 half-pan. For 100 servings, use 5 pans. Sprinkle each pan with 1 oz ( 3 Tbsp) cornmeal and each half-pan with $1 / 2 \mathrm{oz}(1$ Tbsp $11 / 2$ tsp) cornmeal. |
|  |  |  |  |  | 5. Place 2 lb 6 oz dough ball in center of each pan and 1 lb 3 oz dough ball in center of half-pan. Flatten dough by rolling or spreading dough $1 / 8$ " thick to rim of pans. Keep edges thicker than center. |
|  |  |  |  |  | 6. For topping, baking, and portioning directions, see Pizza With Ground Beef Topping (D-31) or Pizza With Cheese Topping (D-30). |
|  |  |  |  |  | Cut each sheet pan $4 \times 5$ ( 20 pieces). Cut each half-sheet pan $2 \times 5$ ( 10 pieces). |

## Pizza Crust



Special Tip:
To use high-activity (instant) yeast, follow manufacturer's instructions.

## Nutrients Per Serving

| Calories | 137 | Saturated Fat | 0.26 g | Iron | 1.62 mg |
| :--- | ---: | :--- | ---: | :--- | :--- |
| Protein | 3.61 g | Cholesterol | 0 mg | Calcium | 6 mg |
| Carbohydrate | 26.11 g | Vitamin A | 3 IU | Sodium | 71 mg |
| Total Fat | 1.83 g | Vitamin C | 0.0 mg | Dietary Fiber | 1.1 g |
|  |  |  |  |  |  |

## Pourable Pizza Crust

## Grains/Breads

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
|  |  |  |  |  | For best results, have all ingredients and utensils at room temperature. |
| Active dry yeast (see Special Tip) |  | 3 Tbsp | $21 / 2 \mathrm{OZ}$ | 11/4 cup 2 Tbsp | 1. Mix dry yeast, flour, dry milk, sugar, and salt together. |
| Enriched all-purpose flour | 3 lb 8 oz | 3 qt 1 cup | 7 lb | $1 \mathrm{gal} 21 / 2 \mathrm{qt}$ |  |
| Instant nonfat dry milk | $91 / 4 \mathrm{oz}$ | $33 / 4$ cups 2 Tbsp | $1 \mathrm{lb} 21 / 2 \mathrm{oz}$ | 1 qt $33 / 4$ cups |  |
| Sugar | $51 / 4 \mathrm{oz}$ | $3 / 4$ cup | $101 / 2 \mathrm{oz}$ | $11 / 2$ cups |  |
| Salt |  | $11 / 4 \mathrm{tsp}$ |  | $21 / 2 \mathrm{tsp}$ |  |
| Vegetable oil |  | 2 Tbsp |  | $1 / 4$ cup | 2. Add oil to dry mixture blend for 4 minutes on low speed. |
| Water, warm ( $130^{\circ} \mathrm{F}$ ) |  | 2 qt |  | 1 gal | 3. Add water to dry ingredients. Blend for 10 minutes on medium speed. Batter will be lumpy. |
| Cornmeal | $21 / 2 \mathrm{OZ}$ | $1 / 2$ cup 2 Tbsp | 5 oz | $11 / 4$ cups | 4. For 50 servings, lightly coat 2 sheet pans (18" x 26 " x 1") and 1 half-sheet pan (13" $\times 18^{\prime \prime} \times 1$ 1") with pan release spray. For 100 servings, lightly coat 5 sheet pans (18" x 26 " x 1") with pan release spray. Sprinkle each full sheet pan with 1 oz (approximately $1 / 4$ cup) cornmeal and sprinkle each half-sheet pan with $1 / 2$ oz (approximately 2 Tbsp) cornmeal. |
|  |  |  |  |  | 5. Pour or spread 3 lb 7 oz ( 2 qt 1 cup) batter into each sheet pan and $1 \mathrm{lb} 11 \frac{1}{2} \mathrm{oz}$ ( 1 qt $1 / 2$ cup) into each half-sheet pan. Let stand for 20 minutes. |
|  |  |  |  |  | 6. Prebake until crust is set: Conventional oven: $475^{\circ} \mathrm{F}$ for 10 minutes Convection oven: $425^{\circ} \mathrm{F}$ for 7 minutes |
|  |  |  |  |  | 7. Top each prebaked crust with desired topping or use Pizza With Ground Beef Topping (D-31), or Pizza With Cheese Topping (D-30). |
|  |  |  |  |  | 8. Bake until heated through and cheese is melted: <br> Conventional oven: $475^{\circ} \mathrm{F}$ for 10-15 minutes Convection oven: $425^{\circ} \mathrm{F}$ for 5 minutes |
|  |  |  |  |  | 9. Portion by cutting each sheet pan $4 \times 5$ (20 pieces per pan). Portion by cutting each half-sheet pan $2 \times 5$ ( 10 pieces per pan). |

## Pourable Pizza Crust

| SERV NG: | Y ELD: | VOLUME: |  |
| :---: | :---: | :---: | :---: |
| 1 piece provides 2 servings of grains/breads. | 50 Servings: about 8 lb 8 oz | 50 Servings: | 2 sheet pans and 1 half-sheet pan |
|  | 100 Servings: about 17 lb | 100 Servings: | 5 sheet pans |

Special Tip:
To use high-activity (instant) yeast, follow manufacturer's instructions.

## Nutrients Per Serving

| Calories | 158 | Saturated Fat | 0.16 g | Iron | 1.67 mg |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Protein | 5.51 g | Cholesterol | 1 mg | Calcium | 71 mg |
| Carbohydrate | 31.31 g | Vitamin A | 127 IU | Sodium | 89 mg |
| Total Fat | 0.96 g | Vitamin C | 0.3 mg | Dietary Fiber | 1.1 g |
|  |  |  |  |  |  |

## Rolls (Yeast)

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
|  |  |  |  |  | For best results, have all ingredients and utensils at room temperature. |
| Active dry yeast (see Special Tip) |  | $1 / 3$ cup | $31 / 4 \mathrm{oz}$ | ½ cup 2 Tbsp | 1. Dissolve dry yeast in warm water. Let stand for 4-5 minutes. |
| Water, warm ( $110^{\circ} \mathrm{F}$ ) |  | $11 / 2$ cups | 3 cups |  |  |
| Enriched all-purpose flour | 3 lb 10 oz | 3 qt $11 / 2$ cups | 7 lb 4 oz | $1 \mathrm{gal} 23 / 4 \mathrm{qt}$ | 2. Place flour, dry milk, sugar, and salt in mixer bowl. Blend with dough hook for approximately 2 minutes on low speed. |
| Instant nonfat dry milk | $31 / 4 \mathrm{oz}$ | $11 / 3$ cups | $61 / 2 \mathrm{oz}$ | $22 / 3$ cups |  |
| Sugar | $53 / 4 \mathrm{Oz}$ | $3 / 4$ cup 2 Tbsp | $111 / 2 \mathrm{oz}$ | $13 / 4$ cups |  |
| Salt |  | 2 Tbsp | $21 / 2 \mathrm{oz}$ | $1 / 4$ cup |  |
| Vegetable oil |  | $3 / 4$ cup 2 Tbsp |  | $12 / 3$ cups | 3. Add oil and blend for approximately 2 minutes on low speed. |
| Water ( $68^{\circ} \mathrm{F}$ ) |  | $21 / 2$ cups |  | 1 qt 1 cup | 4. Add water. Mix for 1 minute on low speed. |
|  |  |  |  |  | 5. Add dissolved yeast and mix for 2 minutes on low speed. |
|  |  |  |  |  | 6. Knead dough on medium speed for 8 minutes, or until dough is smooth and elastic. |
|  |  |  |  |  | 7. Place dough in warm area (about $90^{\circ} \mathrm{F}$ ) for 45-60 minutes. |
|  |  |  |  |  | 8. Punch down dough to remove air bubbles. |
|  |  |  |  |  | 9. Form rolls from dough by pinching off 2 oz pieces and shaping. Place rolls in rows of 5 across and 10 down on sheet pans (18" x 26 " x 1 ") which have been lightly coated with pan release spray. For 50 servings, use 1 pan. For 100 servings, use 2 pans. |
|  |  |  |  |  | 10. Place in a warm area (about $90^{\circ} \mathrm{F}$ ) until double in size, 30-50 minutes. |
|  |  |  |  |  | 11. Bake until lightly browned: Conventional oven: $400^{\circ} \mathrm{F}$ for 18-20 minutes Convection oven: $350^{\circ} \mathrm{F}$ for 12-14 minutes |
| Margarine or butter, melted (optional) |  | 1 Tbsp |  | 2 Tbsp | 12. Optional: Brush lightly with melted margarine or butter (approximately 1 Tbsp per pan) while warm. |

## Rolls (Yeast)

| SERM NG: | Y1 =L. $\mathrm{D}^{\text {P }}$ | VOLUME: |
| :---: | :---: | :---: |
| 1 roll provides 2 servings of grains/breads. | 50 Servings: about 6 lb 4 oz (dough) | 50 Servings: about 50 rolls |

## Tested 2004

Special Tip:
To use high-activity (instant) yeast, follow directions below or manufacturer's instructions.

For 50 servings, omit step 1 . In step 2, add $1 / 4$ cup high-activity (instant) yeast. Continue with step 3 . In step 4 , add 1 qt water ( $110^{\circ} \mathrm{F}$ ). Omit step 5. In step 6, knead for 10 minutes. Continue with steps 7-12.

For 100 servings, omit step 1. In step 2, add $21 / 2$ oz ( $1 / 2$ cup) high-activity (instant) yeast. Continue with step 3. In step 4, add 2 qt water ( $110^{\circ} \mathrm{F}$ ). Omit step 5. In step 6, knead for 10 minutes. Continue with steps 7-12.

Variations:
A. Frankfurter Rolls

50 and 100 servings: Follow steps 1-8. In step 9, shape 2 oz pieces of dough to approximately $21 / 2 " \times 61 / 2$ ". Place rolls in rows of 8 down and 4 across on sheet pans which have been lightly coated with pan release spray. Continue with steps 10-12.
B. Hamburger Rolls

50 and 100 servings: Follow steps 1-8. In step 9, shape and flatten 2 oz pieces of dough to approximately 4 " in diameter. Place rolls in rows of 6 down and 4 across on sheet pans which have been lightly coated with pan release spray. Continue with steps 10-12.
C. Wheat Rolls

50 servings: Follow step 1 . In step 2 , use 1 lb 13 oz ( 1 qt $21 / 2$ cups) enriched all-purpose or bread flour and 1 lb 13 oz ( 1 qt $23 / 4$ cups) whole wheat flour. Continue with steps 3-12.

100 servings: Follow step 1. In step 2, use 3 lb 10 oz (3 qt 1 cup) enriched allpurpose or bread flour and 3 lb 10 oz ( 3 qt $11 / 2 \mathrm{cups}$ ) whole wheat flour. Continue with steps 3-12.

## Rolls (Yeast)

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 176 | Saturated Fat | 0.60 g | Iron | 1.75 mg |
| Protein | 4.53 g | Cholesterol | 0 mg | Calcium | 29 mg |
| Carbohydrate | 29.80 g | Vitamin A | 44 IU | Sodium | 291 mg |
| Total Fat | 4.21 g | Vitamin C | 0.1 mg | Dietary Fiber | 1.2 g |
|  |  |  |  |  |  |

## Spanish Rice

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Vegetable oil |  | 2 Tbsp |  | 1/4 cup | 1. Heat oil. Add onions, green peppers, and celery. Cook for 5 minutes. |
| *Fresh onions, chopped OR <br> Dehydrated onions | $71 / 2$ oz OR $11 / 2 \mathrm{oz}$ | $11 / 4$ cups OR <br> $1 / 2$ cup | $\begin{gathered} 15 \mathrm{oz} \\ \text { OR } \\ 3 \mathrm{oz} \end{gathered}$ | $\begin{gathered} 21 / 2 \text { cups } \\ \text { OR } \\ 1 \text { cup } \end{gathered}$ |  |
| *Fresh green pepper, chopped | 6 oz | $11 / 4$ cups | 12 oz | $21 / 2$ cups |  |
| *Fresh celery, chopped | 8 oz | 2 cups | 1 lb | 1 qt |  |
| Beef stock, non-MSG or water |  | 1 qt 2 cups |  | 3 qt | 2. Add beef stock or water and seasonings. Bring to boil. |
| $\dagger$ Seasonings Chili powder Ground cumin Paprika Onion powder |  | 1 Tbsp $21 / 4$ tsp $3 / 4$ tsp $3 / 4$ tsp |  | $\begin{gathered} 2 \text { Tbsp } \\ 1 \text { Tbsp } 11 / 2 \text { tsp } \\ 11 / 2 \text { tsp } \\ 11 / 2 \text { tsp } \\ \hline \end{gathered}$ |  |
| Enriched white rice, long grain, regular OR <br> Enriched white rice, long grain, parboiled | $\begin{gathered} 1 \mathrm{lb} 11 \mathrm{oz} \\ \text { OR } \\ 1 \mathrm{lb} 13 \mathrm{oz} \end{gathered}$ | 1 qt <br> OR <br> 1 qt $3 / 4$ cup | $\begin{gathered} 3 \mathrm{lb} 6 \mathrm{oz} \\ \text { OR } \\ 3 \mathrm{lb} 10 \mathrm{oz} \end{gathered}$ | 2 qt <br> OR <br> 2 qt $1 \frac{1}{2}$ cups | 3. Stir in rice, salt, and pepper. Return to boil. Boil for 5 minutes. Reduce heat and cover tightly. Cook over low heat for 10 minutes. <br> CCP: Heat to $165^{\circ} \mathrm{F}$ or higher for at least 15 seconds. |
| Salt |  | 2 tsp |  | 1 Tbsp 1 tsp |  |
| Ground black or white pepper |  | 1 tsp |  | 2 tsp |  |
| Canned diced tomatoes, with juice | $1 \mathrm{lb} 31 / 2 \mathrm{oz}$ | $13 / 4$ cups | 2 lb 7 oz | 3112 cups | 4. Stir in diced tomatoes, tomato paste, and water. Cook over low heat for 10-15 minutes. Pour 8 lb (about 1 gallon $3 / 4$ cup) into a steamtable pan (12" x 20" $\times 21 / 2$ ") which has been lightly coated with pan release spray. For 50 servings, use 1 pan. For 100 servings, use 2 pans. |
| Canned tomato paste | 7 oz | 3/4 cup 1 Tbsp | 14 oz | $11 / 2$ cups 2 Tbsp |  |
| Water |  | 1 cup |  | 2 cups |  |
|  |  |  |  |  | 5. CCP: Hold for hot service at $135^{\circ} \mathrm{F}$ or higher. Portion with No. 12 scoop ( $1 / 3$ cup). |

## Spanish Rice

Comments:
*See Marketing Guide.
†Mexican Seasoning Mix (see G-01A, Sauces, Gravies, and Seasonings Mixes) may be used to replace these ingredients. For 50 servings, use 2 Tbsp 1 tsp Mexican Seasoning Mix. For 100 servings, use $1 / 4$ cup $11 / 2$ tsp Mexican Seasoning Mix.

| Marketing Guide for Selected Items |  |  |
| :--- | :--- | :--- |
| Food as Purchased for | 50 Servings | 100 Servings |
| Mature onions | 9 oz | 1 lb 2 oz |
| Green peppers | 8 oz | 1 lb |
| Celery | 10 oz | 1 lb 4 oz |


| SERV NG: | Y1 ELD: | VOLUME: |  |
| :---: | :---: | :---: | :---: |
| $1 / 3$ cup (No. 12 scoop) provides $1 / 8$ cup of vegetable and $1 / 2$ serving of grains/breads. | 50 Servings: about 8 lb | 50 Servings: | about 1 gallon $3 / 4$ cup 1 steamtable pan |
|  | 100 Servings: about 16 lb | 100 Servings: | about 2 gallons 1 1/2 cups 2 steamtable pans |

Tested 2004

## Nutrients Per Serving

| Calories | 69 | Saturated Fat | 0.15 g | Iron | 0.78 mg |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Protein | 1.58 g | Cholesterol | 0 mg | Calcium | 14 mg |
| Carbohydrate | 13.69 g | Vitamin A | 266 IU | Sodium | 134 mg |
| Total Fat | 0.84 g | Vitamin C | 6.7 mg | Dietary Fiber | 0.7 g |
|  |  |  |  |  |  |

## Sweet Potato-Plum Bread Squares

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
| Enriched all-purpose flour | 2 lb 14 oz | 2 qt $21 / 2$ cups | 5 lb 12 oz | $1 \mathrm{gal} 1 \frac{1}{4} \mathrm{qt}$ | 1. Blend flour, sugar, brown sugar, dry milk, baking powder, baking soda, salt, allspice, nutmeg (optional), cinnamon, and shortening in a mixer for 3-5 minutes on low speed. |
| Sugar | $141 / 2 \mathrm{oz}$ | 2 cups | 1 lb 13 oz | 1 qt |  |
| Brown sugar, packed | 15 oz | $31 / 2$ cups | 1 lb 14 oz | 1 qt 3 cups |  |
| Instant nonfat dry milk |  | $1 / 4$ cup 2 Tbsp | $13 / 4 \mathrm{oz}$ | $3 / 4$ cup |  |
| Baking powder |  | 2 Tbsp $1 / 2$ tsp | 2 oz | 1/4 cup 1 tsp |  |
| Baking soda |  | 3 Tbsp | $23 / 4 \mathrm{Oz}$ | $1 / 4$ cup 2 Tbsp |  |
| Salt |  | $11 / 2$ tsp |  | 1 Tbsp |  |
| Ground allspice |  | $11 / 2 \mathrm{tsp}$ |  | 1 Tbsp |  |
| Ground nutmeg (optional) |  | $11 / 2 \mathrm{tsp}$ |  | 1 Tbsp |  |
| Ground cinnamon |  | 2 tsp |  | 1 Tbsp 1 tsp |  |
| Shortening | 15 oz | $21 / 4$ cups | 1 lb 14 oz | 1 qt $1 / 2$ cup |  |
| Canned mashed sweet potatoes OR <br> Canned cut sweet potatoes, drained, mashed | $\begin{gathered} 3 \mathrm{lb} 4 \mathrm{oz} \\ \text { OR } \\ 3 \mathrm{lb} 4 \mathrm{oz} \end{gathered}$ | 1 qt $21 / 4$ cups ( $1 / 2$ No. 10 can) OR 1 qt $21 / 4$ cups | $\begin{gathered} 6 \mathrm{lb} 8 \mathrm{oz} \\ \text { OR } \\ 5 \mathrm{lb} 8 \mathrm{oz} \end{gathered}$ | $\begin{gathered} 3 \text { qt } 1 / 2 \text { cup } \\ \text { (1 No. } 10 \text { can) } \\ \text { OR } \\ 3 \text { qt } 1 / 2 \text { cup } \end{gathered}$ | 3. Add $1 / 2$ of the sweet potatoes and mix for 2 minutes on low speed. |
| Frozen whole eggs, thawed OR <br> Fresh large eggs (see Special Tip) | 8 oz | $3 / 4$ cup 3 Tbsp <br> OR <br> 5 each | $1 \mathrm{lb}$ | $13 / 4$ cups 2 Tbsp <br> OR <br> 9 each | 4. Add eggs and water. Mix for 1 minute on low speed. |
| Water |  | 2 cups |  | 1 qt |  |
| Dehydrated plums without pits (prunes), chopped OR <br> $\dagger$ Raisins, plumped | $\begin{gathered} 7 \text { 1⁄2 oz } \\ \text { OR } \\ 5 \mathrm{oz} \end{gathered}$ | $11 / 4$ cups OR $11 / 3$ cups | $\begin{gathered} 15 \mathrm{oz} \\ \mathrm{OR} \\ 10 \mathrm{oz} \end{gathered}$ | $21 / 2$ cups <br> OR <br> $22 / 3$ cups | 5. Add dehydrated plums, remaining sweet potatoes, and nuts (optional). Mix for 3 minutes on low speed. |
| Chopped walnuts (optional) | $61 / 2 \mathrm{oz}$ | $11 / 2$ cups 2 Tbsp | 13 oz | $31 / 4$ cups |  |
|  |  |  |  |  | 6. Lightly coat steamtable pans with pan release spray. Pour 10 lb 10 oz (3 qt 1 cup ) batter into each steamtable pan ( 12 " $\times 20$ " $\times 21 / 2$ "). For 50 servings, use 1 pan. For 100 servings, use 2 pans. |
|  |  |  |  |  | 7. Bake: Conventional oven: $350^{\circ} \mathrm{F}$ for 1 hour. Convection oven: $300^{\circ} \mathrm{F}$ for 40 minutes |

## Sweet Potato-Plum Bread Squares

| Vegetable/Fruit-Grains/Breads | Grains/Breads | B-18 |
| :---: | :---: | :---: |
|  | 8. Cool. Cut each pan $5 \times 10$ ( 50 pieces per pan). |  |
|  | 9. For loaf pans: Lightly coat with pan release spray. Pour 5 lb 5 oz ( 1 qt $21 / 2$ cups) batter into each loaf pan ( 4 " $\times 10$ " $\times 4$ "). For 50 servings, use 2 pans. For 100 servings, use 4 pans. |  |
|  | Bake: <br> Conventional oven: $350^{\circ} \mathrm{F}$ for 1 hour 20 minutes Convection oven: $300^{\circ} \mathrm{F}$ for 45 minutes |  |
|  | Remove from pans. Cool completely. Cut each loaf into 25 slices, about $3 / 8^{-1} 1 / 2^{\prime \prime}$ thick. |  |

Comments:
$\dagger$ To plump raisins, cover the fruit with very hot tap water. Soak 2-
5 minutes. DO NOT OVERSOAK. Drain well before using.

| SERV NG: | YI ELD: |  | VOLUME: |  |
| :--- | :--- | :--- | :--- | :--- |
| 1 piece provides $1 / 8$ cup of vegetable and fruit and 1 <br> $3 / 4$ <br> serving of grains/breads. | $\mathbf{5 0}$ Servings: | about 7 lb 6 oz <br> 50 pieces | $\mathbf{5 0}$ Servings: | about 3 quarts 1 cup (batter) |
| 1 steamtable pan or 2 loaves |  |  |  |  |

## Special Tip:

50 servings: Use $21 / 2$ oz ( $3 / 4$ cup 2 Tbsp) dried whole eggs and $3 / 4$ cup 2 Tbsp water in place of eggs.

100 servings: Use 5 oz ( $13 / 4$ cups) dried whole eggs and $13 / 4$ cups water in place of eggs.

## Sweet Potato-Plum Bread Squares

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 283 | Saturated Fat | 2.33 g | Iron | 2.05 mg |
| Protein | 4.14 g | Cholesterol | 19 mg | Calcium | 66 mg |
| Carbohydrate | 46.49 g | Vitamin A | 4586 IU | Sodium | 391 mg |
| Total Fat | 9.31 g | Vitamin C | 1.8 mg | Dietary Fiber | 1.6 g |
|  |  |  |  |  |  |

## White Bread

| Ingredients | 50 Servings |  | 100 Servings |  | Directions |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | Measure | Weight | Measure |  |
|  |  |  |  |  | For best results, have all ingredients and utensils at room temperature. |
| Active dry yeast (see Special Tip) |  | 2 Tbsp 2 tsp | $21 / 2 \mathrm{oz}$ | $1 / 3$ cup | 1. Dissolve dry yeast in warm water. Let stand for 4-5 minutes. |
| Water, warm ( $110^{\circ} \mathrm{F}$ ) |  | $1 / 2$ cup |  | 1 cup |  |
| Enriched all-purpose flour | 2 lb 3 oz | 2 qt | 4 lb 6 oz | 1 gal | 2. Place flour, dry milk, sugar, and salt in mixer bowl. Blend with dough hook for approximately 2 minutes on low speed. |
| Instant nonfat dry milk |  | $1 / 2$ cup 2 Tbsp | 3 oz | $11 / 4$ cups |  |
| Sugar | $21 / 4 \mathrm{oz}$ | $1 / 3$ cup | $41 / 2 \mathrm{oz}$ | $2 / 3$ cup |  |
| Salt |  | 1 Tbsp |  | 2 Tbsp |  |
| Water ( $70-75^{\circ} \mathrm{F}$ ) |  | 2 cups |  | 1 qt | 3. Add water and mix for 1 minute on low speed. |
|  |  |  |  |  | 4. Add dissolved yeast and mix for 2 minutes on low speed. |
| Shortening | $21 / 4 \mathrm{oz}$ | 1/3 cup | $41 / 2 \mathrm{oz}$ | 2/3 cup | 5. Add shortening and mix for 2 minutes on low speed. |
|  |  |  |  |  | 6. Knead dough on medium speed for 8 minutes, or until dough is smooth and elastic. |
|  |  |  |  |  | 7. Place dough in warm area (about $90^{\circ} \mathrm{F}$ ) for 45-60 minutes. |
|  |  |  |  |  | 8. Divide dough into pieces, 1 lb 15 oz each. For 50 servings, divide into 2 pieces. For 100 servings, divide into 4 pieces. Shape each piece into a loaf and place in loaf pan ( $41 / 2$ " $\times 16 \frac{1}{2}$ " $\times 4$ ") which has been lightly coated with pan release spray. For 50 servings, use 2 pans. For 100 servings, use 4 pans. |
|  |  |  |  |  | 9. Place pans in a warm area (about $90^{\circ} \mathrm{F}$ ) until double in size, $45-55$ minutes. |
|  |  |  |  |  | 10. Bake until lightly browned: Conventional oven: $400^{\circ} \mathrm{F}$ for 20-25 minutes Convection oven: $375^{\circ} \mathrm{F}$ for $18-22$ minutes |
|  |  |  |  |  | 11. Cool. Cut each loaf into 25 slices, $2 / 3^{\prime \prime}$ thick. |
| Margarine or butter, melted (optional) |  | 1 Tbsp |  | 2 Tbsp | 12. Optional: Brush top of each loaf lightly with melted margarine or butter (approximately $1 \frac{1}{2}$ tsp per loaf) while warm. |

## White Bread

| SERM NG: | YIELD: |  | VOLUME: |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 piece provides 1 serving of grains/breads. | 50 Servings: | 3 lb 14 oz (dough) 50 pieces | 50 Servings: | 2 loaves |
|  | 100 Servings: | 7 lb 12 oz (dough) 100 pieces | 100 Servings: | 4 loaves |

Special Tip:
To use high-activity (instant) yeast, follow directions below or manufacturer's instructions.

For 50 servings, omit step 1. In step 2, add 2 Tbsp high-activity (instant) yeast. In step 3, add $21 / 2$ cups water ( $110^{\circ} \mathrm{F}$ ). Omit step 4. Continue with step 5. In step 6, knead for 10 minutes. Continue with steps 7-12.

For 100 servings, omit step 1 . In step 2, add $1 / 4$ cup high-activity (instant) yeast. In step 3 , add 1 qt 1 cup water ( $110^{\circ} \mathrm{F}$ ). Omit step 4 . Continue with step 5. In step 6, knead for 10 minutes. Continue with steps 7-12.

Variations:
A. Oat Bread

50 servings: Follow step 1 . In step 2, use 1 lb 13 oz ( 1 qt $21 / 2$ cups) enriched all-purpose flour and 7 oz ( $23 / 4$ cups) rolled oats. Continue with steps 3-12.

100 servings: Follow step 1 . In step 2, use 3 lb 10 oz (3 qt 1 cup) enriched allpurpose flour and 14 oz ( 1 qt $11 / 2$ cups) rolled oats. Continue with steps 3-12.
B. Oat Bread With Honey

50 servings: Follow step 1 . In step 2, use 1 lb 13 oz ( 1 qt $21 / 2$ cups) enriched all-purpose flour and 7 oz ( $23 / 4 \mathrm{cups}$ ) rolled oats. Omit sugar. In step 3, combine $33 / 4$ oz ( $1 / 3$ cup) honey with water. Continue with steps 4-12.

100 servings: Follow step 1. In step 2, use 3 lb 10 oz (3 qt 1 cup) enriched allpurpose flour and 14 oz ( 1 qt $11 / 2$ cups) rolled oats. Omit sugar. In step 3, combine $71 / 2 \mathrm{oz}(2 / 3 \mathrm{cup})$ honey with water. Continue with steps 4-12.

## C. Raisin Bread

50 servings: Follow step 1 . In step 2, add $11 / 2$ tsp ground cinnamon. Continue with steps $3-5$. In step 6, add 13 oz (2 cups) tplumped raisins during last 2 minutes of mixing. Continue with steps 7-12.

100 servings: Follow step 1. In step 2, add 1 Tbsp ground cinnamon. Continue with steps $3-5$. In step 6 , add $1 \mathrm{lb} 10 \mathrm{oz}(1 \mathrm{qt})$ tplumped raisins during last 2 minutes of mixing. Continue with steps 7-12.
†To plump raisins, cover the fruit with very hot tap water. Soak 2-5 minutes. DO NOT OVERSOAK. Drain well before using.

## White Bread

## D. Wheat Bread

50 servings: Follow step 1. In step 2, use 1 lb 10 oz ( 1 qt $13 / 4$ cups) enriched all-purpose flour and $9 \mathrm{oz}(21 / 4 \mathrm{cups}$ ) whole wheat flour. Continue with steps 3-12.

100 servings: Follow step 1 . In step 2, use 3 lb 4 oz ( 2 qt $31 / 2$ cups) enriched all-purpose flour and1 lb 2 oz ( 1 qt $1 / 4$ cups) whole wheat flour. Continue with steps 3-12.
E. Wheat Bread With Honey

50 servings: Follow step 1. In step 2, use 1 lb 10 oz ( 1 qt $13 / 4$ cups) enriched all-purpose flour and 9 oz ( $21 / 4$ cups) whole wheat flour. Omit sugar. In step 3 , mix $33 / 4$ oz ( $1 / 3$ cup) honey with water. Continue with steps 4-12.

100 servings: Follow step 1 . In step 2, use $3 \mathrm{lb} 4 \mathrm{oz}(2$ qt $31 / 2$ cups) enriched all-purpose flour and 1 lb 2 oz ( 1 qt $1 / 4$ cup) whole wheat flour. Omit sugar. In step 3 , mix $71 / 2 \mathrm{Oz}(2 / 3$ cup) honey with water. Continue with steps 4-12.

## Nutrients Per Serving

| Calories | 93 | Saturated Fat | 0.36 g | Iron | 1.03 mg |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Protein | 2.59 g | Cholesterol | 0 mg | Calcium | 14 mg |
| Carbohydrate | 17.11 g | Vitamin A | 20 IU | Sodium | 145 mg |
| Total Fat | 1.51 g | Vitamin C | 0.1 mg | Dietary Fiber | 0.7 g |
|  |  |  |  |  |  |

## Oatmeal Muffin Squares

| Grains/Breads |  |  |  |  | Grains/Breads | B-20 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ingredients | 50 Servings |  | 100 Servings |  | Directions |  |
|  | Weight | Measure | Weight | Measure |  |  |
| Rolled oats | 8 oz | 3 cups | 1 lb | 1 qt 2 cups | 1. Place oats in a stainless steel bowl and pour hot water over them. Let stand 20 minutes. Do not drain. |  |
| Water, hot |  | $31 / 2$ cups |  | 1 qt 3 cups |  |  |
| Enriched all-purpose flour | 1 lb 3 oz | $1 \mathrm{qt} 1 / 3 \mathrm{cup}$ | 2 lb 6 oz | $2 \mathrm{qt} 2 / 3$ cup | 2. Combine flour, baking soda, cinnamon, nutmeg, and salt in a bowl. |  |
| Baking soda |  | $11 / 4 \mathrm{tsp}$ |  | $21 / 2$ tsp |  |  |
| Ground cinnamon |  | $11 / 4 \mathrm{tsp}$ |  | $21 / 2$ tsp |  |  |
| Ground nutmeg |  | $11 / 4 \mathrm{tsp}$ |  | $21 / 2$ tsp |  |  |
| Salt |  | $11 / 4$ tsp |  | $21 / 2$ tsp |  |  |
| Margarine or butter | 6 oz | $3 / 4$ cup | 12 oz | $11 / 2$ cups | 3. In a separate mixing bowl, using a paddle attachment, beat the margarine or butter and sugars for 10 minutes. Scrape down the sides of the bowl. Add the vanilla, egg whites, yogurt, and applesauce. Beat for 3 minutes. |  |
| Brown sugar, packed | 1 lb 2 oz | $21 / 4$ cups | 2 lb 4 oz | 1 qt $1 / 2$ cup |  |  |
| Sugar | 1 lb 2 oz | $21 / 4$ cups | 2 lb 4 oz | $1 \mathrm{qt} 1 / 2$ cup |  |  |
| Vanilla |  | $21 / 2$ tsp |  | 1 Tbsp 2 tsp |  |  |
| Frozen egg whites, thawed OR <br> Fresh large egg whites | 9 oz | $\begin{gathered} 1 \text { cup } 2 \text { Tbsp } \\ \text { OR } \\ 7 \text { each } \\ \hline \end{gathered}$ | 1 lb 2 oz | $\begin{gathered} 2 \frac{1}{4} \text { cups } \\ \text { OR } \\ 14 \text { each } \\ \hline \end{gathered}$ |  |  |
| Lowfat plain yogurt | 2 oz | $1 / 4$ cup | 4 oz | $1 / 2$ cup |  |  |
| Canned applesauce | 2 oz | $1 / 4$ cup | 4 oz | $1 / 2$ cup |  |  |
|  |  |  |  |  | 4. Add the oat mixture and blend for 1 minute on low speed. Add the flour mixture and blend for 1 minute. Scrape down the sides of the bowl. |  |
| Rolled oats | 3 oz | 1 cup 2 Tbsp | 6 oz | $21 / 4$ cups | 5. For topping: Combine rolled oats, flour, brown sugar, and margarine or butter and mix until crumbs are size of small peas. |  |
| Enriched all-purpose flour | 1 oz | 1/4 cup | 2 oz | $1 / 2$ cup |  |  |
| Brown sugar, packed | 2 oz | $1 / 4$ cup | 40 z | $1 / 2$ cup |  |  |
| Margarine or butter | 2 oz | $1 / 4$ cup | 4 oz | $1 / 2$ cup |  |  |

## Oatmeal Muffin Squares

Grains/Breads Grains/Breads B-20


## YI ELD: <br> 50 Servings: about 7 lb 1 oz <br> 1 steamtable pan <br> 100 Servings: about 14 lb 2 oz <br> 2 steamtable pans

## VOLUME:

50 Servings: $\begin{aligned} & \text { about } 3 \text { quarts } 1 / 2 \text { cup (batter) } \\ & 50 \text { pieces }\end{aligned}$

100 Servings: $\begin{aligned} & \text { about } 1 \text { gallon } 21 / 4 \text { quarts (batter) } \\ & 100 \text { pieces }\end{aligned}$ 100 pieces

Variation:
A. Peach Muffin Squares

In step 6, refrigerate batter (already in pans) for 1 hour prior to adding topping. Spread 3 lb 2 oz of canned, sliced peaches (drained) over each pan. (Fruit may be pureed.) Sprinkle $13 / 4$ cups of topping over fruit. Bake as directed.
B. Blueberry Muffin Squares

In step 6, refrigerate batter (already in pans) for 1 hour prior to adding topping. Spread 3 lb 2 oz of frozen blueberries (thawed and drained) over each pan. (Fruit may be pureed.) Sprinkle $13 / 4$ cups of topping over fruit. Bake as directed.

## Oatmeal Muffin Squares

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 185 | Saturated Fat | 0.86 g | Iron | 1.08 mg |
| Protein | 2.87 g | Cholesterol | 0 mg | Calcium | 20 mg |
| Carbohydrate | 34.51 g | Vitamin A | 163 IU | Sodium | 146 mg |
| Total Fat | 4.23 g | Vitamin C | 0.1 mg | Dietary Fiber | 1.0 g |
|  |  |  |  |  |  |

## Orange Rice Pilaf

## Grains/Breads

Grains/Breads
B-21


## Orange Rice Pilaf

100 Servings: about 19 lb 8 oz
100 Servings: about 3 gallons 2 cups
2 steamtable pans

Tested 2004
Special Tip:
One-half cup ( 2 oz ) of toasted almonds may be added to each pan of pilaf after cooking, for color and taste. To toast, spread almonds on a half-sheet pan (18" x 13" x 1"). Bake in a conventional oven at $350^{\circ} \mathrm{F}$ for 15 minutes, until lightly browned.

| Nutrients Per Serving |  |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | :---: | :---: |
| Calories | 126 | Saturated Fat | 0.07 g | I ron |  |  |
| Protein | 2.52 g | Cholesterol | 0 mg | Calcium |  |  |
| Carbohydrate | 27.85 g | Vitamin A | 40 IU | Sodium |  |  |
| Total Fat | 0.27 g | Vitamin C | 17.7 mg | Dietary Fiber |  |  |
|  |  |  | 14 mg |  |  |  |
|  |  |  | 94 mg |  |  |  |

## Brown Rice Pilaf



## Brown Rice Pilaf

100 Servings: about 24 lb 14 oz
100 Servings: about 3 gallons 2 cups
4 steamtable pans

Tested 2004

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 146 | Saturated Fat | 0.21 g | Iron | 0.83 mg |
| Protein | 3.50 g | Cholesterol | 0 mg | Calcium | 16 mg |
| Carbohydrate | 30.37 g | Vitamin A | 0 IU | Sodium | 55 mg |
| Total Fat | 0.97 g | Vitamin C | 0.3 mg | Dietary Fiber | 1.6 g |
|  |  |  |  |  |  |

## Rice-Vegetable Casserole

| Vegetable-Grains/Breads |  |  | Grains/Breads |  |  | B-23 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ings |  | vings | Directions |  |
|  | Weight | Measure | Weight | Measure |  |  |
| Enriched white rice, long grain, regular OR <br> Enriched white rice, long grain, parboiled | $\begin{gathered} 2 \mathrm{lb} 8 \mathrm{oz} \\ \text { OR } \\ 2 \mathrm{lb} 11 \mathrm{oz} \end{gathered}$ | 1 qt 2 cups OR 1 qt $23 / 4$ cups | 5 lb <br> OR <br> 5 lb 6 oz | 3 qt OR 3 qt $1 \frac{1}{2}$ cups | 1. Put 2 lb 8 oz regular rice or 2 lb 11 oz parboiled rice into steamtable pan (12" x 20 " $\times 2 \frac{1}{2}$ "). For 50 servings, use 1 pan. For 100 servings, use 2 pans. Cover with foil or a metal lid. Steam for 20 minutes. |  |
| Chicken stock, non-MSG |  | 2 qt 1 cup |  | 1 gal 2 cups | 2. Add 2 qt 1 cup chicken stock per pan. |  |
| Vegetable oil |  | $1 / 4$ cup |  | $1 / 2$ cup | 3. In a sauce pan, sauté carrots and peas in oil over low heat, about 5 minutes. |  |
| *Fresh carrots, diced | 1 lb 4 oz | 1 qt $3 / 4$ cup | 2 lb 8 oz | 2 qt $11 / 2$ cups |  |  |
| Frozen peas | 1 lb 4 oz | $31 / 4$ cups | 2 lb 8 oz | 1 qt $21 / 2$ cups |  |  |
| Ground black or white pepper |  | $1 / 2 \mathrm{tsp}$ |  | 1 tsp | 4. Add $1 / 2$ tsp pepper and 1 qt 3 cups ( 2 lb 8 oz ) of cooked vegetables to each pan of hot rice. Stir to combine thoroughly. <br> CCP: Heat to $165^{\circ} \mathrm{F}$ or higher for at least 15 seconds. |  |
|  |  |  |  |  | 5. CCP: Hold for hot service at $135^{\circ} \mathrm{F}$ or higher. Portion with No. 6 scoop ( $2 / 3$ cup). |  |


| Comments: *See Marketing Guide. | Marketing Guide for Selected I tems |  |  |
| :---: | :---: | :---: | :---: |
|  | Food as Purchased for | 50 Servings | 100 Servings |
|  | Carrots | 1 lb 9 oz | 3 lb 2 oz |
| SERM NG: | Y1 EL-D: | VOLUME: |  |
| $2 / 3$ cup (No. 6 scoop) provides $1 / 8$ cup of vegetable and $3 / 4$ serving of grains/breads. | 50 Servings: about 13 lb 14 oz | 50 Servings: | about 2 gallons 1 cup 1 steamtable pan |
|  | 100 Servings: about 27 lb 12 oz | 100 Servings: | about 4 gallons 2 cups 2 steamtable pans |

## Rice-Vegetable Casserole

| Nutrients Per Serving |  |  |  |  |  |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Calories | 102 | Saturated Fat | 0.22 g | Iron | 0.96 mg |
| Protein | 2.44 g | Cholesterol | 0 mg | Calcium | 13 mg |
| Carbohydrate | 19.63 g | Vitamin A | 2608 IU | Sodium | 40 mg |
| Total Fat | 1.37 g | Vitamin C | 1.4 mg | Dietary Fiber | 1.2 g |
|  |  |  |  |  |  |

