

A. GENERAL INFORMATION No. 1(4)

## INFORMATION FOR STANDARDIZED RECIPES

### RECIPE CONVERSION

3. To adjust the recipe for volume:

First-- Obtain a working factor by dividing the number of portions needed by 100 as shown in Step 2 of A.1, Recipe Conversion..

$$\begin{array}{r} \sqrt{3.33} \\ 100 \quad 333 \end{array}$$

Then-- Multiply the quantity of each ingredient by the working factor. You will round off to the nearest  $\frac{1}{4}$  teaspoon. For example, the recipe calls for 6 gallons of water per 100 portions. Portions to prepare are 333.

$333 \div 100 = 3.33$ Working Factor (W/F)		
1. W/F $\times$ No. of gallons	= gallon	3.33 W/F $\times$ 6 = 19.98 GL
2. Decimal (of gal) $\times$ 4	= quart (QT)	.98 GL $\times$ 4 = 3.92 QT
3. Decimal (of quart) $\times$ 2	= pint (PT)	.92 QT $\times$ 2 = 1.84 PT
4. Decimal (of pint) $\times$ 2	= cup (C)	.84 PT $\times$ 2 = 1.68 C
5. Decimal (of tbsp) $\times$ 16	= tablespoon (TBSP)	.68 C $\times$ 16 = 10.88 TBSP
6. Decimal (of tbsp) $\times$ 3	= teaspoon (TSP)	.88 TBSP $\times$ 3 = 2.64 TSP
7. Round off decimal portion (see paragraph 2)		.64 TSP is equal to $\frac{3}{4}$ TSP

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(OVER)

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The amount of water needed for 333 portions is: 19 GL, 3 QT, 1 PT, 1 C, 10 TBSP and  $2\frac{3}{4}$  TSP.

NOTE: 4 QT = 1 GL                      2 C = 1 PT                      3 TSP = 1 TBSP  
       2 PT = 1 QT                      16 TBSP = 1 C

4. To adjust the recipe on the basis of a quantity of an ingredient to be used:

First-- Obtain a Working Factor by dividing the pounds you have to use by the pounds required to yield 100 portions.

For example:

$$102 \text{ lb} \div 30 \text{ (lb per 100 servings)} = 3.40 \text{ (Working Factor)}$$

Then-- Multiply the quantity of each ingredient in the recipe by the Working Factor.

5. To adjust the recipe to yield a specific number of portions of a specific size:

First-- Divide the desired portion size by the standard portion of the recipe.

$$3 \text{ oz (desired size)} \div 4 \text{ oz (standard portion)} = .75$$

$$348 \text{ (servings needed)} \times .75 = 261$$

$$261 \div 100 = 2.61 \text{ (Working Factor)}$$

Then-- Multiply the quantity of each ingredient in the recipe by the Working Factor.