Various Chamoru Cooking Measurements

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Everyone loves to eat. When you go to different places in the world, you want to try the type of food they cook. At times, you want to learn how to cook that certain recipe that you have fallen in love with. In order to ensure that the food is cooked precisely according to the recipe, you need to know what the ingredients are and how much to use.

Looking back on how the Chamorus do their cooking in the past has shown that each cook has a certain way of measuring the ingredients used. The MARC Library in the University of Guam holds various books mentioning Chamoru cooking. In addition, there were several cookbooks. But out of the books I read, only one cookbook has some sort of measurement listed (Guam Women's Club Cookbook, 1955). A picture of the actual measurement list appears (Fig. 1) below. In addition to the measurement list, it also listed what can be substituted (Figs. 2, 3, 4) in case you do not have the right ingredients.

Figure 1

	riguic 1
	KITCHEN MEADURES
4	60 drops
-190-	A 13 pound ham will serve 50 people.
	1 pound of tem will make 100 cups.
	1 pound of coffee will make 40 cups.
	3-4 gallons of punch will serve 100 portions.
	1 qt. oream will serve 35-40 people with oream for coffee or tod.
	1 pound losf augar equals 100 cubes.
	1 pound of butter makes 35 pats.

Figure 2

		"OAN INFO	RMATION "
	CAN SIZE	CONTENTS BY CUPS	USED FOR
	#1/4	1/2 cup	Meat spreads, hem, tongue, liver
	#1/2	1 oup	Primarily for salmon.
-191-	#1, tall	2 cups	Selmon, fruit cockteil, fruit
٢	#2	2½ oups	Vegetables and fruit juices.
	#2½	3½ cups	Fruits, tomatoes, sauerkraut, beets, spinach, pumpkin, et.
	#10	13 cups	Juleas

Figure 3

	FOR	USE
	l cup sifted all-purpose flour	1 cup, minus 2 Tosp. sifted,
	1 Thep. cornstarch (thickening) 1 tap. baking powder	t tsp. soda, plus tsp. cream
-192-	1 whole egg	(in cookies etc.)
	1 whole egg	2 egg yolks (in custards and such mixtures)
	l cup fresh, sweet milk	s cun even, milk ning & ann weeker
	1 oup fresh, sweet milk	4 Tosp. powdered milk, plus
	1 oup fresh, sweet milk	l cup sour milk or buttermilk, plus 2 tsp. soda (decrease baking powder 2 tsp.)

Figure 4

		FOR	USE
	1 cup	sour milk or buttermilk	l cup fresh, sweet milk with 1 Tosp. lemon juice or vinega stirred in. Let stend 3 minutes.
;	1 rq.	unsweetened chocolate	3/4 Thep. cocos, plus 1 Thep. shortening
,	1 oup	honey	3/4 oup suger, plus à cup liqui
	1 cup	brown suger (firmly packed)	1 cup granulated sugar

Figs. 1 thru 4 may seem pretty standard but to be the only one found in all the cookbooks reviewed in the MARC Library shows some merit in being mentioned in this research report.

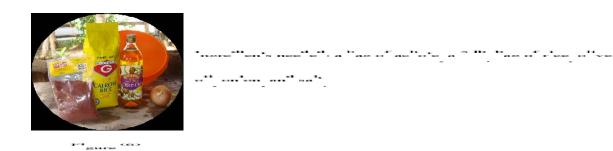
To show that each Chamoru cook was taught differently, the recipe for red rice was selected. In all the books that I was able to read, only one had the red rice recipe. Red rice is one of Guam's famous foods. This recipe was provided by Lorraine Aguon (1962) in the cookbook entitled "Favorite Guam Recipes" (Fig. 5). Please see below:

Figure 5

RED RICE 1/2 teaspoon salt 3 teaspoons salad oil 1/2 cup chopped onions 2 talbespoons achote seeds 2 cups water Rinse achote seeds. Soak achote seeds in 1/2 cup warm water and salt, and set aside for about 30 minutes. Rub achote seeds (about 20 strokes) to get achote coloring; strain into a small bowl. Saute onions in salad oil until onions are tender. Add remaining 1 1/2 cups water and 1/Z cup achote water (coloring); bring to a boil; then reduce heat to low temperature for 15 minutes. Serve 2 to 4. By: Lorraine Aguon

Red rice is usually cooked for special occasions in the past. Presently, you will be able to get red rice everyday. The Chamoru Village, which serves various Chamoru dishes including red rice, is located in Hagåtña and is open daily.

Connie Garrido (interview, March 10, 2010), lead instructor at Gef Pago Village, demonstrates the steps in cooking red rice for 10-15 people.







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Total Cares



Pour Perfee into a bowl



wash the rice until clear

This ends the first part of making red rice. The next section will continue on from pouring in the rice into the pot. This time the pot feeds from 15-30 people.



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F1 = (24)



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F1 2012 (26)

Cover the rot and let 't st'mmer until cooked



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Figure (28)

Here is your rice beautifully cooked in Figure 28.

Measurements used in cooking red rice vary according to the number of people the food is cooked for. Measurement tools (Figs. 29 thru 33) are displayed in Attachment A.

Other red rice recipes are listed in Attachment B. Please note that the recipes are somewhat the same but each cook has individualized the recipe in their own way.

Cooking is a very healthy and enjoyable way to learn about math. Just cook, fill each student with food, and they will learn math easily all based on what they have eaten. What fun!!

References

Guam Women's Club Cookbook (1955). Cooking Hints. Guam:

Women's Group For Rudy Sablan And Joe Leon Guerrero. (1962). Favorite Guam Recipes. Guam:

Attachment A



Figure (29)



Figure (31)



Figure (30)

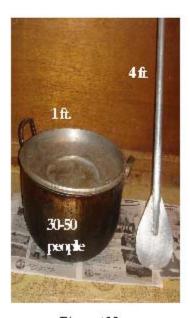


Figure (32)

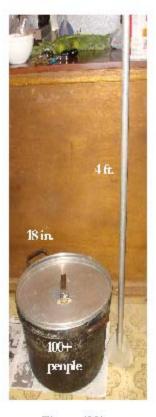


Figure (33)

Attachment B

Red Rice (Antonia Cepeda, Cook's Assistant, Astumbo, Dededo)

1 big square pot 5 cans of #10 rice (wash the rice)

1 onion2 cup of salt1 cup oil1 bag of achote

1 pound butter 5 cans of achote water

1 bag sweet peas

Heat the pot. Put the oil down, then onions. Let the onions cook as little then pour the achote water in the big pot. Put your butter in with the achote water, let it boil. Wash your rice. Put the rice in while the water is boiling and the sweet peas. Then cover the pot. Be sure to check on it every 10 minutes. Stir it once or three times until it is cooked.

Red Rice (Sinora Bertha Lujan, Chamoru Teacher, Liguan Elementary School)

To cook 6 cups of red rice. Soak 1 cup of achote seeds in water. Add about 1 tablespoon of salt to bring out the redness of the seeds to make about 6 cups of achote water. Place pot over heat, add about 2 tablespoons oil and sauté about ½ cup chopped onions. Stir until onions are clear. Add achote water. In a bowl wash 6 cups of rice until rice water is clear. Add washed rice in pot with achote water and stir. Taste if salt is at your desired taste. Let rice boil in achote water then reduce heat to medium high. Cover and let simmer until rice is fluffy.

Red Rice (Sinora Juanita Manibusan-Manglona, Chamoru Teacher, Liguan Elementary School)

Para Fiesta: Using a large size pot (kaderu). First, measure the amount of rice to be cooked. Five ganta (using #10 can) into a large pan (satten). Second, rinse uncooked rice, set aside. Third, soak water (half ganta) fresh achote, add 2 tablespoons salt. Using your hand rub achote until you have a very strong red color. Measure one ganta achote water. Slice 2 medium onions. Fourth, place pot on gas stove, add ½ cup oil, onions. Saute onions until clear. Add five ganta achote water. Bring to a boil. Pour in five ganta rice. Stir to ensure that the rice is into the achote water. Cover and let simmer. Stir two more times to ensure that the red coloring is spread evenly. Lower heat and let simmer until cooked.

Red Rice (Sinora Sara Uncangco, Chamoru Teacher, Liguan Elementary School)

First, pre-soak achote seeds about ¾ cups for about 1 hour, rinse, add 1 teaspoon of salt to assist in getting coloring off seed. Get at least ½ gallon of colored water. Wash rice and drain completely. Add the colored water about ½ gallon to 8 cups of clean/drained rice. Add ¼ cup vegetable oil, 2 tablespoons salt, add ½ cup diced onions. Cook....

Conversion: ¾ cup = mas di lamita-tasa ¼ cup = menos di lamita-tasa 1 hr = un ora ½ cup – lamita-tasa 1 teaspoon = un kuchurita ½ gallon – lamita gallon 8 cups = ocho tasa 2 tablespoons = dos kuchala cups = tasa ½ cups = lamita-tasa pot = la'uva tablespoon = kuchala teaspoon = kucharita big stirring spoon = kucharon

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