

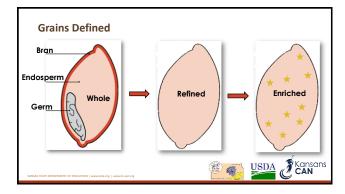


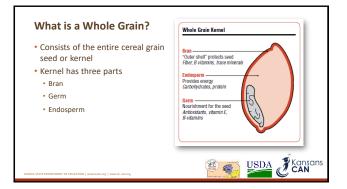
Objectives

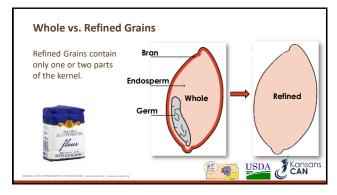
- Define grain terms
- Explore the relationship between "creditable" and "whole grain-rich" foods
- Recognize the meal pattern requirements related to whole grain-rich foods
- Identify whole grain-rich foods using approved methods
- Practice calculating ounce equivalents (oz eq)

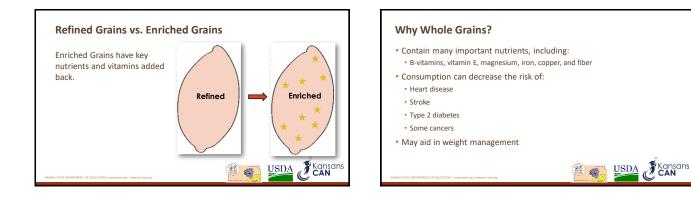


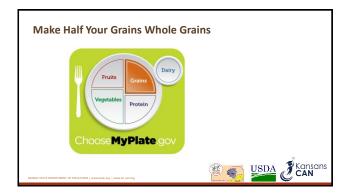
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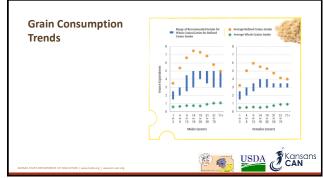




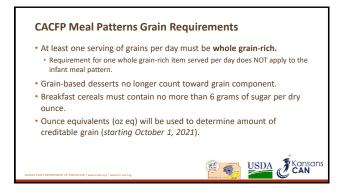












Grain-Based Desserts

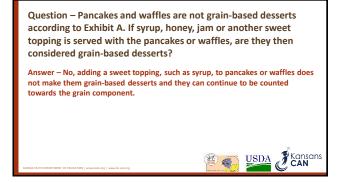
• The following items ARE considered grain-based desserts and cannot count towards the grain component even if they are whole grain-rich.

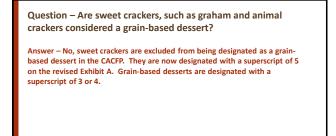
Cookies

- Granola Bars
- Cereal Bars
- Breakfast Bars
- Toaster Pastries
- Sweet Rolls
- CakeBrowniesDoughnuts

Sweet Pie Crusts

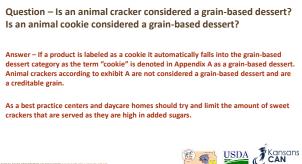






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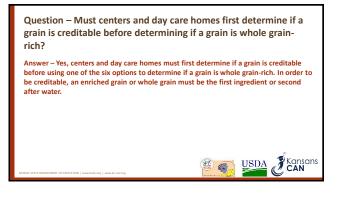
Grain Foods Key Terms for CACFP

- Creditable Grains
- Whole grain
- Enriched meal and/or flour
- Whole Grain contains 100% whole grains
- Whole Grain-Rich
 - Term designated by USDA Food and Nutrition Services (FNS)
- Not a term found on products in grocery stores or from food distributors

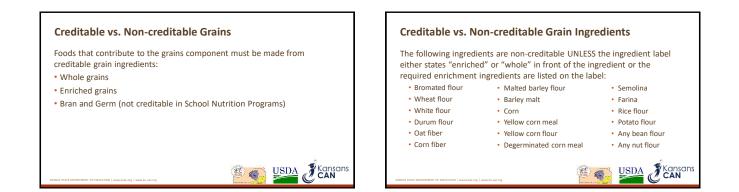


Grains in the CACFP Meal Pattern

- All grain products served must be creditable.
 Creditable = made with enriched and/or whole grain.
- Each day, at least one meal or snack must include a whole grain-rich food.
- If a child care center only serves breakfast, the grain must be whole grain-rich.
- If they serve breakfast, lunch, and snack, choose which meal to serve the whole grain-rich food.







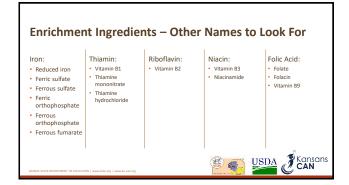
Identifying Enriched Grain Ingredients

To identify an enriched grain ingredient, look for the word **enriched**. Examples:

- Enriched wheat flour
- Enriched corn meal
- Enriched self rising flour

OR look for the enrichment ingredients listed on the ingredient label.

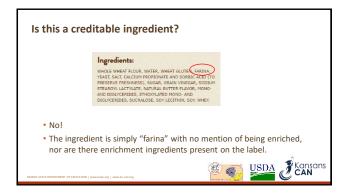
Enrichment of Grains When a refined grain is enriched, the following nutrients are added back after processing: Thiamin Riboflavin Niacin Folic acid Iron

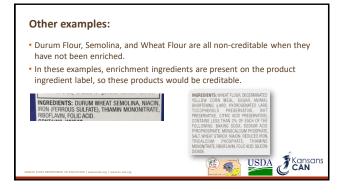


Is this a creditable ingredient?

Ingredients







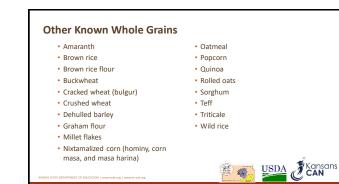
Identifying Whole Grain Ingredients

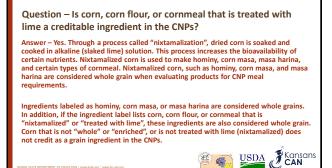
- To identify a whole grain ingredient, look for the words:
 - Whole
 - Groats
 - Berries

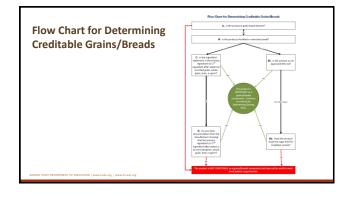
Examples:

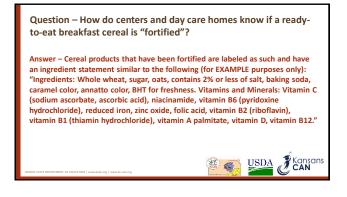
- Whole Wheat Flour
- Whole Durum Wheat Flour
- Oat Groats
- Wheat Berries





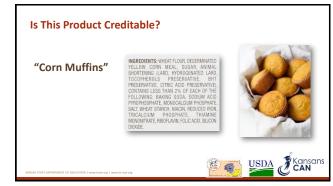


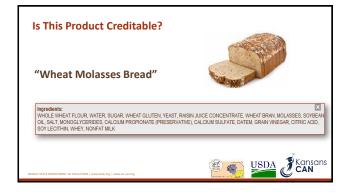




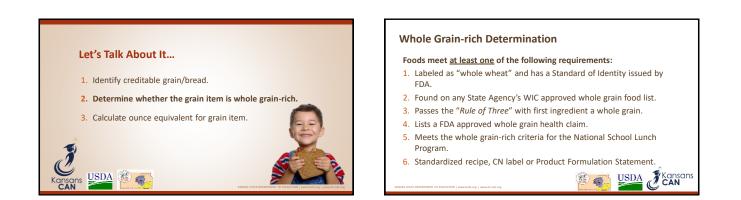




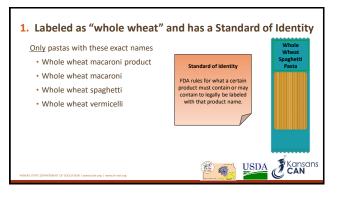








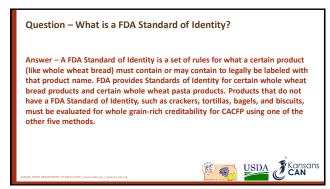














Whole Grain-rich Determination

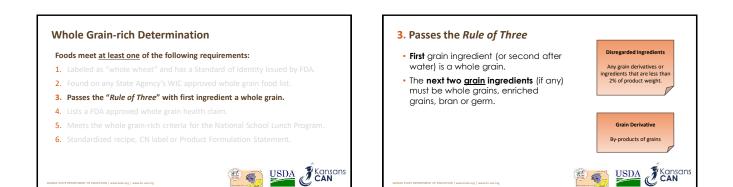
- Foods meet <u>at least one</u> of the following requirements:
- 1. Labeled as "whole wheat" and has a Standard of Identity issued by FDA.
- 2. Found on any State Agency's WIC approved whole grain food list.
- 3. Passes the "Rule of Three" with first ingredient a whole grain.
- 4. Lists a FDA approved whole grain health claim.
- 5. Meets the whole grain-rich criteria for the National School Lunch Program.

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6. Standardized recipe, CN label or Product Formulation Statement.



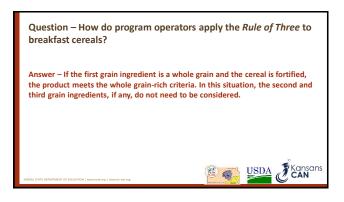


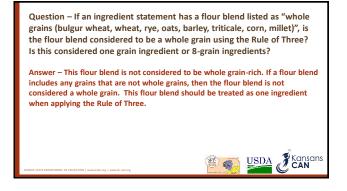


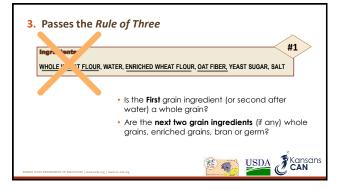
"Rule of Three" Key Terms

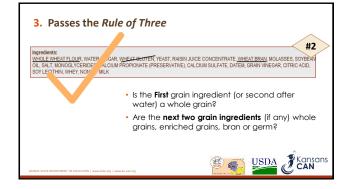
- Whole Grain
- Brans and Germs
- Enriched Grains
- Disregarded Ingredients
- Non-creditable Grains or Flours

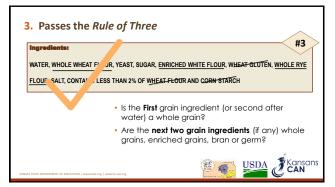


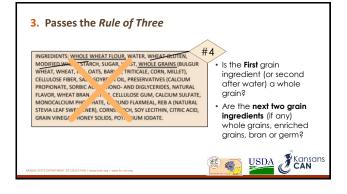


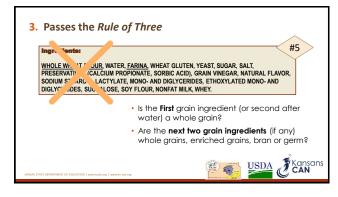






























6. Standardized Recipe, CN Label or Product Formulation Statement

- Standardized recipe
- CN label
- Documentation from a manufacturer Product Formulation Statement



6. Standardized Recipe, CN Label or Product Formulation Statement <u>Non-mixed Dishes</u>: the recipe is used to determine whether the total weight of whole grain ingredient(s) exceeds the weight of any of the non-whole grain ingredients.

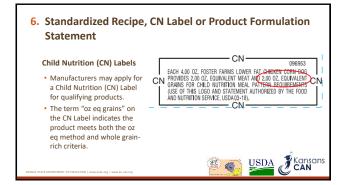
OR

• Mixed Dishes: a whole grain ingredient is the most abundant grain ingredient of all grain ingredients in the recipe.



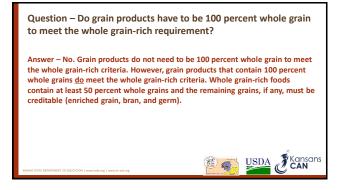
Statement	Recipe: 002263 WHOLE GRAIN Bread Stick-ELEM Recipe Source: Recipe Group: GRAINS & BREADS Alternate Recipe Name:	
Breadstick Recipe	Namber of Porison: 300 Silke of Proton: 000 Silke of Proton: 0000 Silke of Proton: 0000 Silke of Proton: 0000 Silke of Proton: 00000 Silke of Proton: 000000 Silke of Proton: 000000 Silke of Proton: 000000000000000000000000000000000000	LB + 4 OZ LB + 12 OZ QT + 1 1/2 CUP CUP CUP CUP CUP + 3/4 CUP 4 CUP
	901095 ITALIAN SEASONING. 11 990063 MARGARINE, COMMODITY PROCESSED VALUED. 31	TBSP TBSP TBSP TBSP









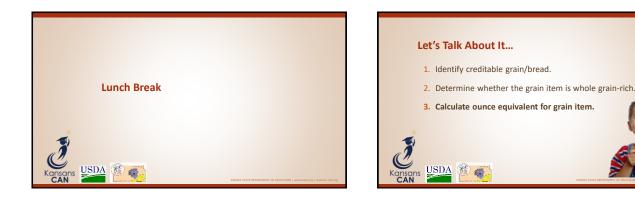




Answer – No. While the Whole Grain Stamps provide useful information on the amount of whole grains a product contains, they are not sufficient documentation to determine if a food is whole grain-rich. This is because products that display a Whole Grain Stamp may also contain high amounts of non-creditable grains, such as non-enriched, refined flour. Centers and day care homes may instead use any of the six options outline by USDA to determine whether the product meets the whole grain-rich criteria.







Ounce Equivalents (oz eq)

- Starting October 1, 2021, ounce equivalents (oz eq) will be used to determine serving sizes
- National School Lunch Program and School Breakfast Program already using oz eq
- Increases consistency among Child Nutrition Programs
- 0.25 oz eq is the smallest amount allowable to be credited toward grain requirements.

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Ounce Equivalents (oz eq) One ounce equivalent is the amount of food product that is considered equal to one ounce from the grains component. 1 oz eq = 16 grams of creditable grains

EXHIBIT A: Grain Requirements For Child Nutrition Programs

 Blue, Footnote 3 or 4 = Red Pance Equivalent (Oz Eq) for

Equivalent (Oz 1 Group A = 22 gm or 0.8 oz = 17 gm or 0.6 oz = 11 gm or 0.4 oz

Or Ea for G

1 serving = 20 gm or 0.7 oz 3/4 serving = 15 gm or 0.5 oz 1/2 serving = 10 gm or 0.4 oz 1/4 serving = 5 gm or 0.2 oz

Calculating Ounce Equivalents

- Grain ounce equivalents can be calculated two different ways:
- 1. Determining contribution based on Exhibit A: Grain Requirements for Child Nutrition Programs
- 2. Determining contribution based on creditable grain content

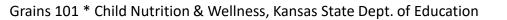
ent • Group D • mmg · mm

Group A

Group B

• Group C





Using Exhibit A to Determine Minimum Serving Size Needed

- Package serving size often too large for young children
 i.e. In the previous example, one serving as listed on the package is 15 crackers which equals 1.25 oz eq Grains
 - Minimum requirement for 3-5 year olds is 0.5 oz eg Grains
- Use information in Exhibit A to determine appropriate serving size to meet
 the desired Grains contribution

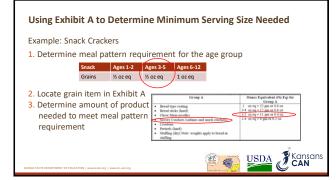


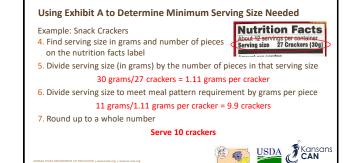
Using Exhibit A to Determine Minimum Serving Size Needed

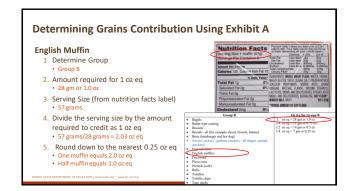
Translating minimum serving size needed from weight to number of pieces/crackers:

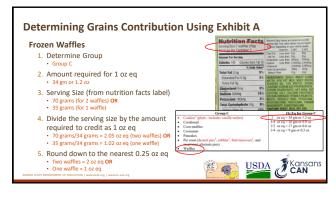
- 1. Determine meal pattern requirement for the age group
- 2. Locate grain item in Exhibit A
- 3. Determine amount of product needed to meet meal pattern requirement
- 4. Find serving size in grams and number of pieces on the nutrition facts label
- 5. Divide serving size (in grams) by the number of pieces in that serving size
- 6. Divide serving size to meet meal pattern requirement by grams per piece
- 7. Round up to a whole number.

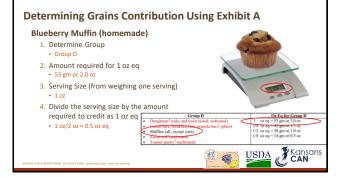








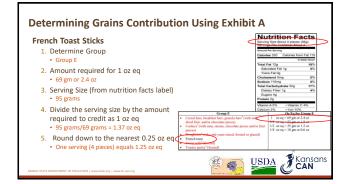


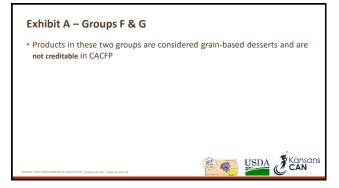


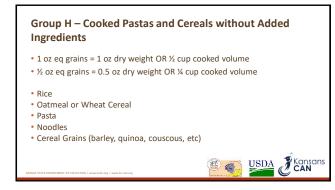
Determining Grains Contribution Using Exhibit A

- Remember that products in Exhibit A are grouped based on their grain content.
- Items in group A have a high percent of grains compared to other ingredients.
- For the muffins in group D, there are a lot of other ingredients (sugar, oil, and blueberries), causing the product to weigh more, but contribute less to the grains component.









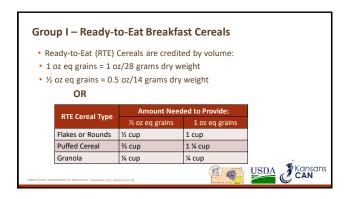


Exhibit A Grains Tool

- NEW feature in the Food Buying Guide for Child Nutrition Programs Interactive Web-Based Tool
- Users can search for a grain product (as listed on Exhibit A) and enter in the serving size as listed on the product package
- Tool determines the oz eq grains for the grain product (or grains/bread servings for those not using oz eq yet)
- Can also determine amount of product needed to serve to obtain a specific meal pattern contribution

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- Ex: number of crackers
- <u>https://foodbuyingguide.fns.usda.gov</u>

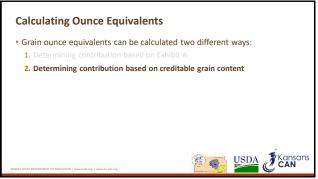


Exhibit A Grains Tool – Deter	mining	Grains	Contr	ibutio	n
Product Name* Cheese Crackers		Dat	07/30/2019	📆 (mmiddiy)	99)
Choose Method * Cource Equivalent (oz eq) Grains (S Item keywords: Cracket]	IBPINSLP/CACFP)	Grains/Breads Sen	$\langle \rangle$	PINSLP Afterscho	ol Snack Service)
Exhibit A Enter one or more keywords	to perform search				
Exhibit A Enter one or more keywords	to perform search Group	Crams per 1 az eq	Cunces per 1 oz eq	Grans per 1 Bread	Ounces per 1 Bread
		Crams per 1 az eq 22 g	Cunces per 1 oz eq 0.3 oz	Grans per 1 Bread Serving 20 g	Ounces per 1 Bread Serving 0.7 oz
Exhibit A Enter one or more keywords	to perform search				
kinn bin ken	Group		0.8 oz	Serving	Serving









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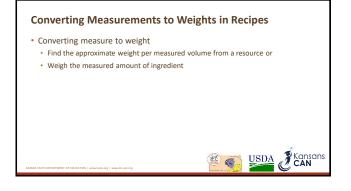
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Using Creditable Grain Content to Determine Contribution

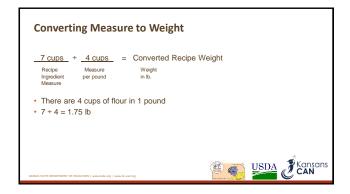


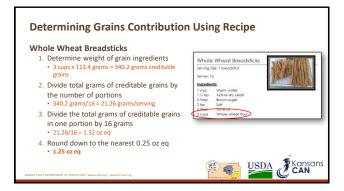
Using Creditable Grain Content to Determine Contribution

- Ground flours and meals in baked goods recipes
 Determine weight of grain ingredients
 Divide total grams of creditable grains (from the recipe) by the number of portions the recipe yields = total grams of creditable grains in one portion
- 3. Divide the total grams of creditable grains in one portion by 16 grams
- 4. Round down to the nearest 0.25 oz eq

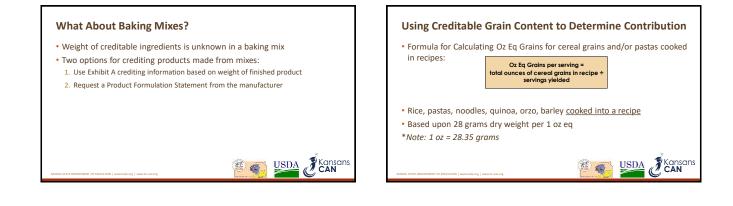


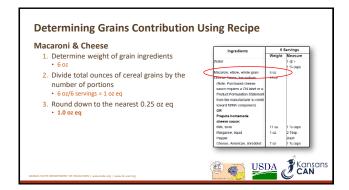


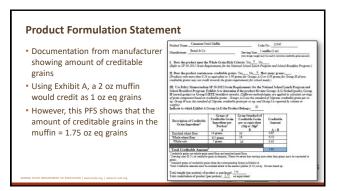








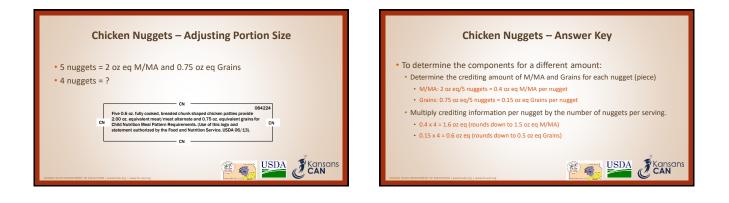




Checking Grain PFS for Accuracy

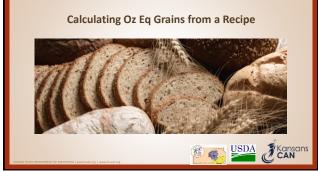
- PFS must include:
- Letter head or company logo
- Signature of person in authority to certify the product content
- Product name
- Product code number
- · Serving size including serving weight
- Whole grain rich criteria met
- Indication of which Group (A-I) in Exhibit A the product fits

Child Nutrition (CN) Labels CN labeled products that contribute to the grains component will show the grain contribution in the CN label Reminder - The term "oz engrains" on the CN Label indicates the product meters both the oz eq method and whole grain-rich criteria.



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Whole Grain-Rich Menu Documentation

 Identify whole grain-rich items on menu 	nei Brasifat	Monday, May Lith Wargis & Chemin	Tuesday, May 19th Peakes & Toelle Walles	Wednesday, May 39th Oranges & Clemenon Kabin Tourt	Thursday, May 19th Pull Codtal & Backnyy Repl	Fridag, May 19th Pintapple & Lewis Pappyard Multim
Color Code	Mile Dealer Fault	Sills, NHC Chemical Control (2014) Chelled Mango Churles (2015)	Mile, Sole Tunator Ability Louis Canned Peach State 1/21	UDL NH Orsense Reich Breed Leesh Held Orsens (2016)	SDL MAL Burkerry Rept Loads must control site:	Microsofte Lenson Pagapared Matter Lenson Chiled Decid Privaggie 1,02
WGR English Muffin	Poten		Num Gelorie Same Sec	"Hegeine (exth	"Hegeins) act	
WW Bread	8-3085 Lanuk	risk reugers	1. B. S. O(D) G	5.7, 0, 0, 0, 0, 0 Toriyaki Chidon	0, 0/0, 0, 0 facos	0, 8, 6/8, 6, 0 Cheves Radall
Whole Grain Tortilla	MA Pulasi Sran Pula	1/31, 3/41 Nai Nuggeli 2 mili Nartad Lamor Quinos & Coustour Print 2011 (Milat Rashertin 1/32)	1(Ds, 1)/N Blogsy /ve med Ibu Multi-Grain dun 1 sach Caritaloupe Cultes 1(Dr	Ulti, IVM Yariyak Olabari Kika Jaarine Ros (JD) Garriel Pear Birm (JD)	3/24, 3/44 Taka medi Ina Terodolel Cheller Chesse 341 While Cheller Tor Tortila 2 each Chiled Ragilterms 3/24	3/24, 8/4 Whole Wheel Rancii B ands Africal Sector Stat Princh Hend 2 data Carved Mechani Drange: 1/21
Denote with an *	topfalls	Grant Bears Siles	Nelse Survey Space (V)	Brannach Carlos Saffin	Weakled Lattuce L/4c Doad Yonatas: 124c	Sugar Street Press (JU):
	L-9085 Brack	LEF, 6, 80, 4, 17 Self Portal & Rielio Sauce	righ, c, x Mand for sy twosthins	1, 4(8), 4, 8; 4 Propayored Frail: Salid & Goldfish Crackers	C, O, 6/K), 6, V Kind & Turi Min	C, O, E, E(D), E, V, O Rational w/Torfiller, & Honey
	Mik Publik Dash Pul Lingetable	is Se, Lifer Nacho Cheren Sacar Jos Sell Printari Lisach	Weiter U.Gr. 3, Dr. Light & PA Trapert 3, Dis Gelaars Crackers 1 meh Chiled Deny Wite 1, Dic	ig Die, lig Die Galaffich Gradiens 12/1 i Propagaaa die Nuit Salad 12/12	VDr, UDr Protect Protition UDs Proch Kind 2 each	Albe, USH Whole Date Flow Furthle 2 each Hannes 17500 Predit Streamer 1/2 each
	6-8285	L C, B, 6/8, 6	1.0, 60, 8, 0	6.0, 60, 6.0	15.99.9.9	6.0/8.0
CANGAS STATE DEPARTMENT OF EDUCATION www.kude.org www.kn-est.org	Colorization 1	anter substituis y nambel Ramille tala de tales harry tala de In à sombler etherne it substituit, fans de		inen V Ingenienlans Ingela karl – International Antonio Antonio Antonio Antonio Antonio	ilar tilar diege Janus, den, konne, d	ų

Record Keeping Requirements

- Keep labels supportive of menu for previous and current month of menus:
 Ingredient Statement
- Actual Product Food Label whole grain foods and cereals
- Valid CN Label
- Product Formulation Statement
- Standardized Recipe
- Not keeping current labels on file may result in corrective and fiscal action









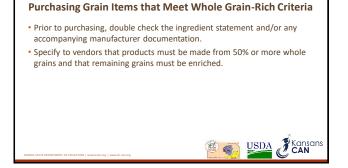
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Ideas for More Whole Grain-Rich Foods - Lunch

- Swap white bread for whole grain-rich bread
- Make tacos, wraps, or quesadillas from whole grain-rich tortillas
- Use whole grain-rich English muffins to make mini-pizzas
- Use whole wheat pasta in place of enriched white pasta

Ideas for More Whole Grain-Rich Foods - Snacks

- Serve whole grain-rich crackers with cheese slices so children can build their own "cracker sandwiches"
- Offer muffins or other quick breads made with whole wheat flour
- Provide whole grain-rich graham or animal crackers







Menu Planning Resources

- CACFP Meal Standards webpage
 http://www.fns.usda.gov/cacfp/meals-and-snacks
- CACFP Policy Memos
 <u>http://www.fns.usda.gov/cacfp/policy</u>
- CACFP Meal Pattern Training Tools
- https://www.fns.usda.gov/tn/cacfp-meal-pattern-training-tools
 Menu Planning & Production Record Resources
- Www.kn-eat.org, CACFP, Guidance, Menu Planning & Production Records
 Meal Pattern FAQs
- www.kn-eat.org, CACFP, Guidance, Menu Planning & Production Records



Where to find Meal Pattern FAQs











