

Welcome to Tuesday Talks! Today we are going to cover how to identify whole grain rich foods using the Rule of Three.

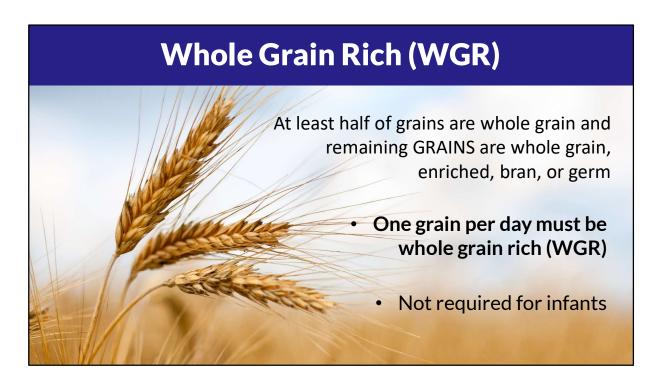
## **Webinar Takeaways**

- ain Rich (WGR)
- 1. What is Whole Grain Rich (WGR)
- 2. How to use the CACFP Reference Guide
- 3. How to identify creditable and non-creditable grains and grain derivatives
- 4. How to read an ingredients list

Today, we want you to walk away knowing these important points:

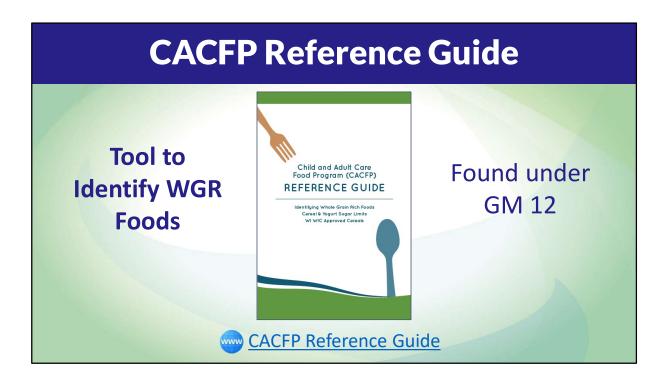
- 1. Understand what is meant by whole grain rich (WGR),
- 2. Learn how to use the CACFP Reference Guide,
- 3. How to identify creditable and non-creditable grains and grain derivatives and
- 4. How to read an ingredients list

Now, let's go through these points in more detail.

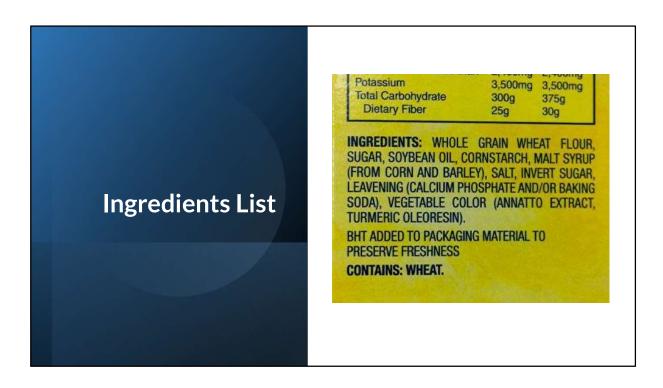


First let's start off with a definition from USDA. Whole grain rich (WGR) means that at least half of the grains in a food are whole grain and the remaining grain ingredients are whole grain, enriched grain, bran, or germ.

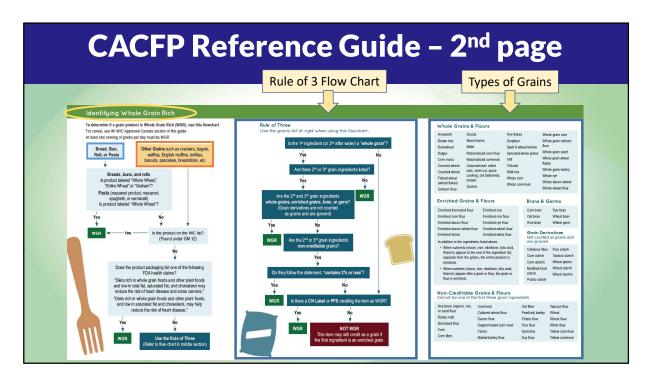
In the CACFP, at least one WGR item must be served per day. However, this requirement does not apply to infants (ages 0 through 11 months).



We are going to be using a flowchart that is in the CACFP Reference Guide, shown on this slide. This guide has been available to programs over the past couple of years. However, it was recently revised, and each program was mailed a packet of resources which includes a copy of the updated Reference Guide. It is also located at the link on the slide and can be found under Guidance Memorandum (GM) 12.



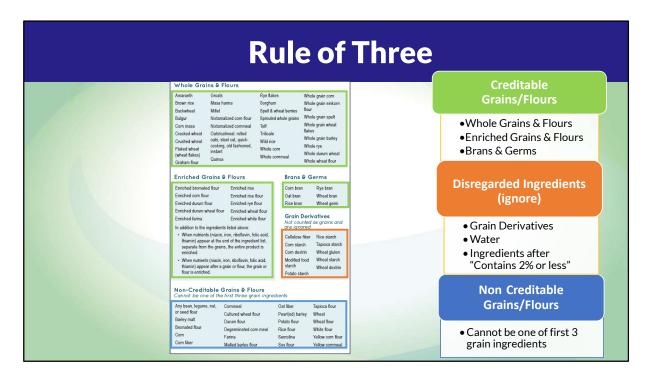
We are also going to look at the ingredients list of grains. You may want to have a label of a grain item on hand, along with the Reference Guide, so you can follow along with each step.



In the Reference Guide, scroll down (if you're viewing online) or open up the Guide (if you have one in front of you) to find the section called *Identifying Whole Grain Rich*. On the left side, you will see a new flowchart that walks you through different methods that can be used to determine if a grain product is WGR starting with specific grain items.

At the top of the flowchart, are two boxes, one for bread, buns, rolls and pasta (blue box). And one for other grains such as crackers, bagels, and waffles that are listed in the orange box. The Rule of Three will most likely be the method used to determine these other grains to be WGR.

So today, we're going to focus on the middle section which is the Rule of 3 flow chart and the right side which is a list of different types of grains.

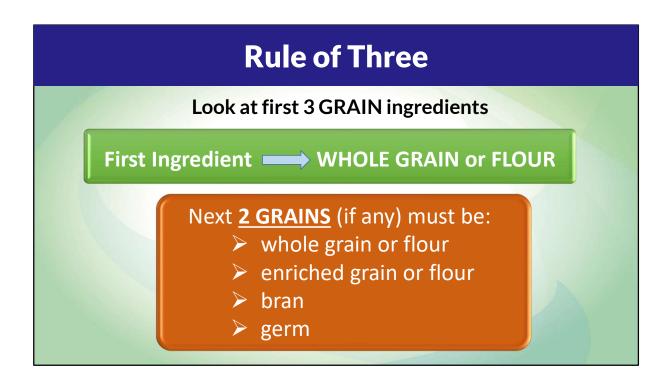


To use the Rule of 3, you must understand the different types of grains which are listed in the *Reference Guide* on the right.

- The following grains and flours are Creditable and include:
   Whole Grains & Flours, Enriched Grains & Flours, and Brans & Germs. (outlined in green)
- The next type of grains are the Disregarded Ingredients that are ignored and not counted in the Rule of 3. In the Reference Guide, these are the Grain Derivatives listed here (orange box).
- You also ignore water even if it is the first ingredient.
- Also, ignore any ingredients that appear after the phrase "contains 2% or less."

Lastly are the Non-Creditable Grains & Flours (blue box).

So, now let's go into the process of using the Rule of 3 flowchart.

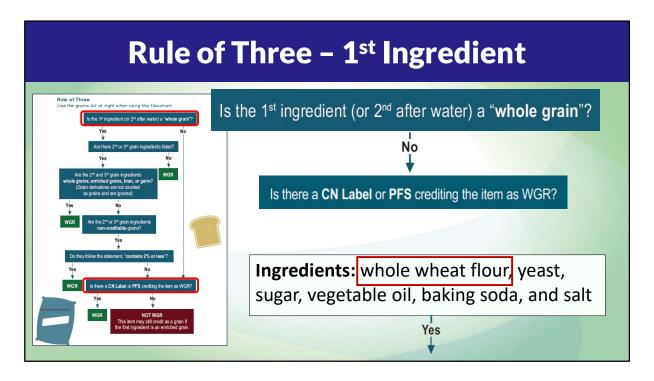


The Rule of 3 requires you to look at the first three **grain** ingredients that appear in the ingredient list on the product package.

The first step is to look at the first ingredient. The <u>first ingredient</u> must be a WHOLE GRAIN or flour.

The next step is to look at the next two **GRAIN** ingredients (if there are any). They must be either a whole grain or flour, an enriched grain or flour, a bran, or a germ.

Keep in mind, a grain item may not have three grain ingredients, it may only have one or two. If the ingredient list does not include three grain ingredients, you only look at the grain ingredients that are present.



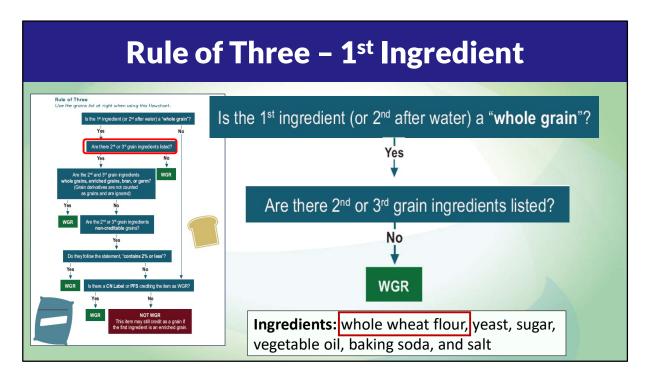
Next, we will Use the Reference Guide, while looking at the ingredient list and go through each of the questions in the Rule of 3 flowchart.

Start at the top and ask the following question: Is the <u>first ingredient</u> (or 2<sup>nd</sup> after water) a **whole grain or flour**? Use the list of Whole Grains and Flours on the right side of the Reference Guide.

If you answer NO - the first ingredient is not a whole grain or flour, you cannot use the Rule of 3 to determine the item to be WGR.

The only way to determine this type of grain to be WGR is if you obtain a CN label or Product Formulation Statement, this will not be discussed today.

However, if the 1<sup>st</sup> ingredient is a whole grain or flour – as in this example, whole wheat flour is a whole grain - you would answer yes and go to the next question in the flowchart.

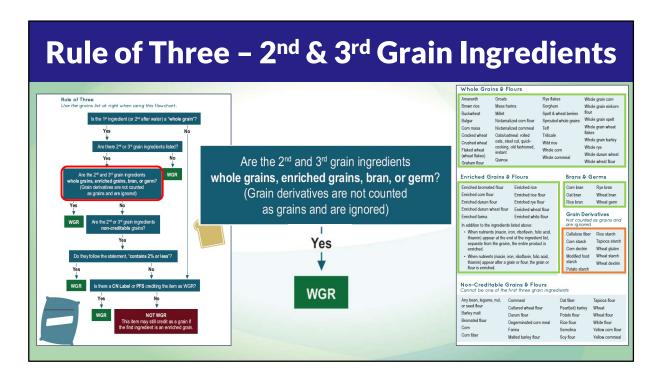


If the first ingredient is a whole grain, look to see if there are any other grains listed, and answer the question "Are there 2<sup>nd</sup> and 3<sup>rd</sup> grain ingredients listed?"

If you answered No, and there are no other grain ingredients, you can stop here. The item is WGR.

If there are more grains listed, go to the next question in the flowchart.

Using the same example from the last slide, this item is WGR because the 1<sup>st</sup> ingredient is a whole grain and there are no other grains in the ingredients.



If you answered yes to the question "Are there 2<sup>nd</sup> or 3<sup>rd</sup> grain ingredients listed," ask the next question, "Are the second and third **grain** ingredients whole grains, enriched grains, bran or germ?"

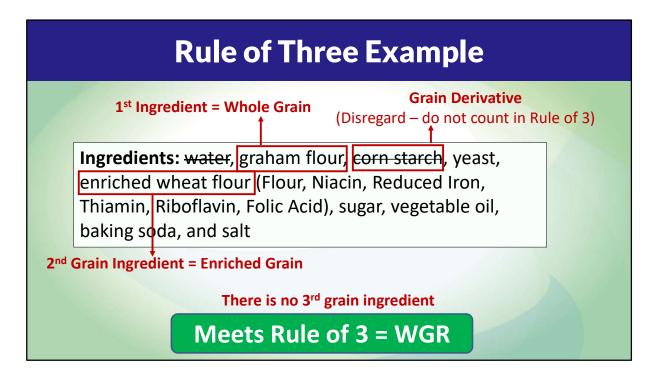
Remember, a grain item may not have three grain ingredients, it may only have two. If the ingredient list does not include three grains, you only look at the first two grain ingredients.

Use the list of grains on the right side of the guide for examples of whole grains, enriched grains, brans and germs (green boxes).

If the 2<sup>nd</sup> or 3<sup>rd</sup> grain ingredients are a **grain derivative** (orange box), skip over them and go to the next listed grain.

If you answered **yes**, that the second and third grain ingredients are whole grain, enriched grain, bran or germ, you can stop here. The item is **WGR**.

If No, go to the next question.



So, let's go through an example and look for other grains in the ingredients

As you see, water is first, but you can ignore it.

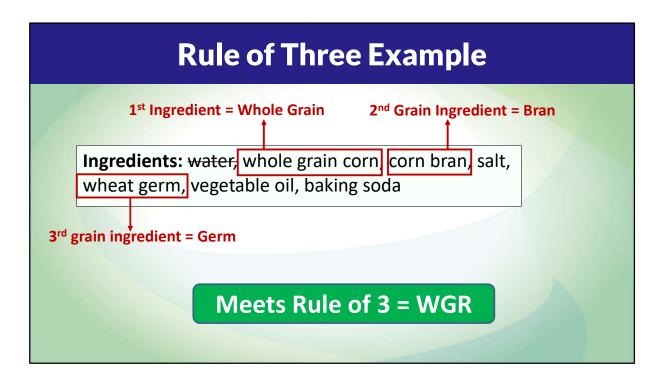
The 1<sup>st</sup> ingredient is graham flour which is a whole grain.

The next grain ingredient is corn starch, which is a grain derivative, so you disregard and do not count it as a grain in the Rule of Three.

The 2<sup>nd</sup> grain ingredient is enriched wheat flour which is an enriched grain.

So, after looking through the rest of the ingredients, in this example, you'll see that there is no 3<sup>rd</sup> grain ingredient, so you only have to look at 2 grains.

Therefore, this grain is **WGR** because it meets the Rule of Three.



Let's look at another example.

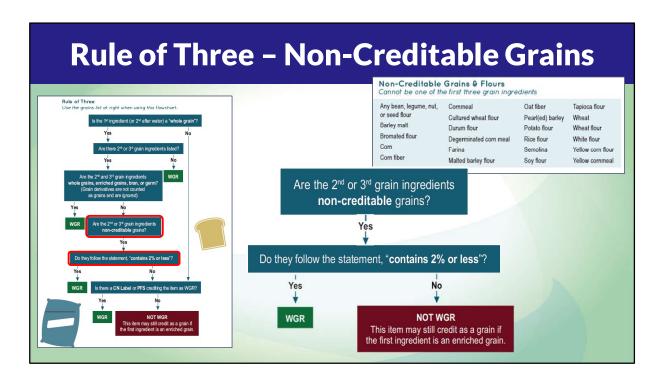
Again, ignore water.

1<sup>st</sup> ingredient is whole grain corn which is a whole grain.

The 2<sup>nd</sup> grain ingredient is corn bran which is a bran.

The 3<sup>rd</sup> grain ingredient is wheat germ which is a germ.

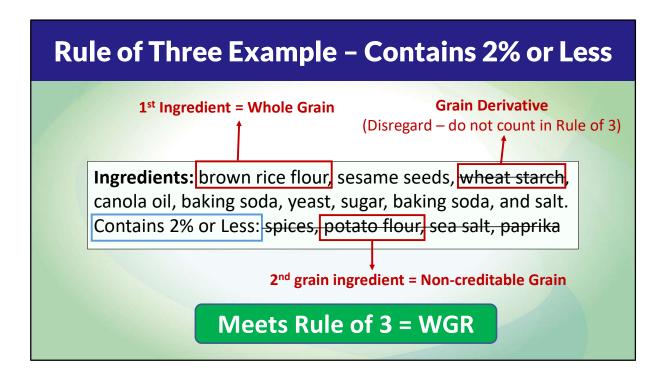
Therefore, the first 3 grain ingredients in this product are creditable grains and this item is **WGR** because it meets the Rule of Three.



Back to the flowchart. If you answered No to the question, "Are the second and third **grain** ingredients whole grains, enriched grains, bran or germ?", then you go to the next question which is: "Are the 2<sup>nd</sup> or 3<sup>rd</sup> grain ingredients Non-creditable grains or flours?" Some examples are listed on the slide. If yes, ask if they appear after the statement, "Contains 2% or Less"?

- If **Yes**, the item is **WGR** because you ignore all ingredients listed after this statement.
- If **No**, the grain item is not WGR using the Rule of 3, because a non-creditable grain cannot be one of the first 3 grain ingredients.

Let's go over examples of both of these situations.



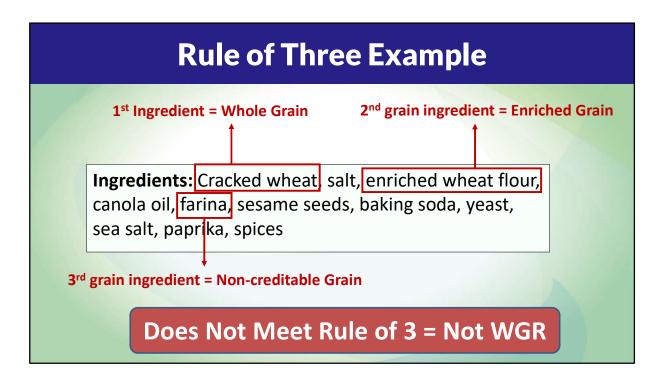
In this first example:

The 1<sup>st</sup> ingredient is brown rice flour which is a whole grain.

The next grain ingredient is wheat starch, which is a grain derivative, so you disregard and do not count it as a grain in the Rule of Three.

The 2<sup>nd</sup> grain ingredient is potato flour which is a non-creditable grain.

However, since the non-creditable grain is after the phrase "Contains 2% or Less," you can ignore it and not count it as one of the grains in the Rule of 3. Therefore, this item is WGR.



Now let's go over another example.

The 1<sup>st</sup> ingredient is cracked wheat which is a whole grain.

The 2<sup>nd</sup> grain ingredient is enriched wheat flour, which is an enriched grain.

The 3<sup>rd</sup> grain ingredient is farina which is a non-creditable grain, but it is not listed after the phrase "Contains 2% or less" so this item is **NOT WGR** because a non-creditable grain is the 3<sup>rd</sup> grain ingredient.

However, this item may still be served as a grain in a meal or snack, but it cannot count as the WGR item for the day.

## **Flour Blends**

- Sub-ingredients of grains & flours listed in parentheses
- · Count as one grain ingredient
- If first ingredient, must be whole grain

Ingredients: Whole grain flour (whole wheat flour, brown rice flour, whole grain oat flour), water, flour blend (graham flour, enriched wheat flour, enriched corn flour, wheat bran), yeast, salt

You may see an ingredient list that includes a flour blend as an ingredient. Flour blends have a list of sub-ingredients that are all grains or flours in parentheses. Treat flour blends as one grain ingredient when applying the Rule of Three.

If the flour blend is the first ingredient, it must be a whole grain. Let's look at an example. The first ingredient is whole grain flour and is made up of the flours listed in the parentheses in purple (whole wheat flour, brown rice flour and whole grain oat flour). This whole grain flour blend contains only whole grain ingredients, so it is a whole grain ingredient.

If any grains in the flour blend are not whole grains, then the flour blend is not considered a whole grain.

### **Flour Blends**

If flour blend is 2<sup>nd</sup> or 3<sup>rd</sup> GRAIN ingredient, It must be made up of whole grains, enriched grains, bran or germ.

Ingredients: Whole grain flour (whole wheat flour, brown rice flour, whole grain oat flour), water, salt, flour blend (graham flour, enriched wheat flour, enriched corn flour, wheat bran), yeast

If the flour blend is the second or third <u>grain</u> ingredient, then it must be made up of whole grains, enriched grains, bran or germ.

Let's look at the same example. We already determined the 1<sup>st</sup> ingredient to be a whole grain flour blend. Now let's look at the 2<sup>nd</sup> GRAIN ingredient which is a flour blend and is made up of the flours listed in the parentheses in blue. It contains graham flour (whole grain), enriched wheat flour and enriched corn flour (enriched grains) and wheat bran (bran).

This flour blend is creditable and can be counted as the 2<sup>nd</sup> grain ingredient.

In this example, there is no 3<sup>rd</sup> grain ingredient, so this product is WGR.

# Non-Creditable Flour Blends

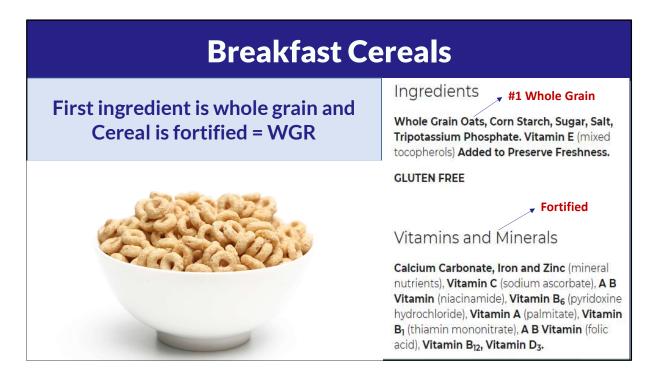
If flour blend contains non-creditable grains or flours = not a creditable grain

Ingredients: Flour blend (durum flour, bromated flour, brown rice flour), water, salt, yeast



If the flour blend includes any **non-creditable grains or flours**, then the flour blend is **not a creditable grain** and cannot be counted as one of the first 3 grains in the rule of 3.

In this example, the flour blend contains 2 non-creditable flours (durum and bromated flours), so the flour blend is not a creditable grain ingredient. Therefore, this item is not WGR.



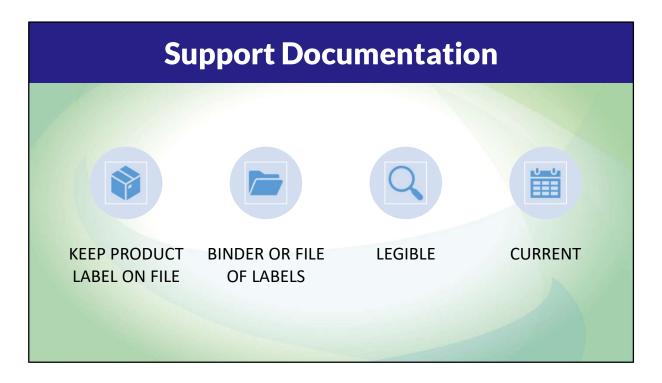
Now, let's talk about cereals since they are a bit different when determining if they are WGR or not. For ready-to-eat breakfast cereals only, if the first ingredient is a whole grain, and the cereal is fortified, then the cereal is **WGR**.

Look at the ingredient list to see if it lists any vitamins and minerals (as shown on the slide). Cereals that are not fortified would not have any added vitamins and minerals.

If the cereal has a whole grain as the first ingredient, but is **NOT** fortified, then follow the Rule of Three to look at the second and third grain ingredients.

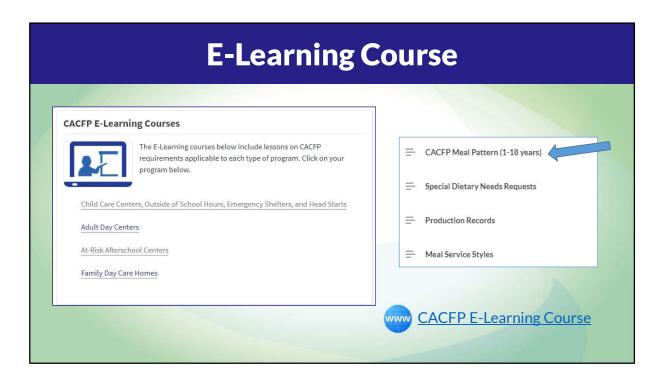


The CACFP Reference Guide includes a list of WI WIC Approved Cereals that are creditable on the CACFP. All cereals on this list meet the CACFP sugar limit, but they are not all WGR. Cereals that are WGR are notated with a \* in the chart

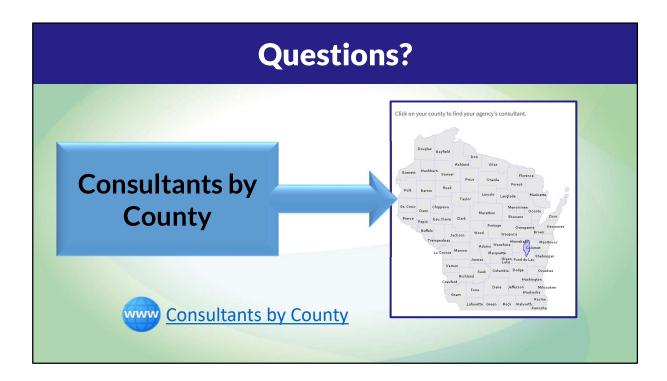


You must keep the product label, including the name/brand of the item and the ingredients list, of all grains counted as WGR on file. If you make a copy of the label, make sure all parts are readable (not blurry, cut off, or too dark to read).

Keep all labels in a binder or file folder, and only keep labels that you currently use in the binder. You can file old labels in another file.



This is the end of the presentation portion of the webinar. We covered a lot of information in a short amount of time. For guidance and additional resources to help you determine WGR grains, refer to the *CACFP Meal Pattern* lesson in the CACFP E-Learning Course. The link to access the E-Learning course is on this slide.



If you have questions about these resources or the CACFP, please reach out to your assigned consultant. You can find your agency's consultant at the *Consultants by County* link on this slide. Home providers, please contact your home sponsor with questions.

The live webinar included time for questions and to complete a survey. These slides were omitted from this handout. Only individuals who attended the live webinar event can complete the survey and receive a Registry Certificate.



Our next Tuesday Talks is scheduled for May  $25^{th}$  from 2:00-2:30 and will be on Meal Production: Using the Meal Requirements and FBG Calculators to determine how much food to prepare.

This webinar is applicable to all programs except for family daycare home sponsoring organizations and family daycare home providers.

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