

Special Dietary Needs: Milk



This presentation is adapted from the National CACFP Sponsors Association Dairy Meal Modifications presentation

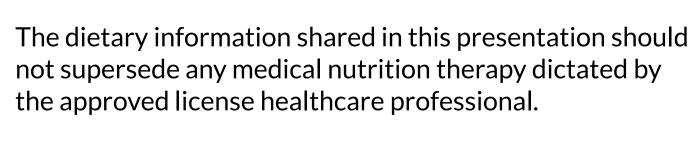


What We Will Cover



- Medical Statements
- Food Allergens: Milk Allergen
- Lactose Intolerance
- Reading food labels for allergens
- Accommodating meals and CACFP meal modification ideas
- Accommodating Fluid Milk
- GM 12: Special Dietary Needs

Disclaimer



The presentation will provide a general knowledge and understanding of the topic discussed.

Terminology





Physical or mental impairment that limits a major life activity

- Food intolerance
- Food allergy
- Metabolic Disorder







Non-Disability

Eating or eliminating certain foods due to a general health concern and/or preference

- Religious, ethnic, lifestyle preference (organic, vegetarian)
- Health belief

Required to be on file

- To claim meals when meal substitutions made to accommodate a disability do not meet CACFP meal pattern requirements
 - Serving non-creditable food/beverage
 - Not serving all required meal components

NOT required to be on file

- To claim meals when meal substitutions meet CACFP meal pattern requirements
 - Serving creditable food/beverage
 - Serving all required components



Fully understand the extent of a participant's disability so safe meals are served.

Written statement from state licensed healthcare professional authorized to write medical prescriptions

WI Licensed Healthcare Professionals
Authorized to Write Medical
Prescriptions:

- Physician (Medical Doctor, MD; and Doctor of Osteopathy, DO)
- Physician Assistant
- Advanced Practice Nurse Prescriber (APNP)
- Dentist
- Optometrist
- Podiatrist



Description of Impairement (reason for request)	Information about the participant's physical or mental impairment that is sufficient to allow the CACFP facility to understand how the impairment restricts the child's diet.
How to accommodate the impairement	An explanation of what must be done to accommodate the disability. Food or foods to be omitted and recommended alternatives.
Licensed healthcare professional's signature	

Unclear Medical Statement?

Sometimes a medical statement does not provide enough information

- Discuss with family to get more details from the licensed healthcare provider.
 - Obtain updated statement
- Document conversations with family
- It is important to ensure safe meals are served!



(Medical Statement Spanish)



Medical Statement

A state licensed healthcare professional who is authorized to write medical prescriptions under state law must complete Parts 2 and 3 and sign this form. In Wisconsin this includes a Physician, Physician Assistant, Nurse Practitioner (APNP), Dentist, Optometrist, or Podiatrist.

PART 1: GENERAL INFORMATION				
First and Last Name		Date of Birth		
Name of Center/Care Provide	er			
Name of Parent/Guardian		Telephone Number		
PART 2: ACCOMMODATIONS				
How does the participant				
What food(s)/type(s) of food must be omitted? Please be specific.				
3. List foods to be substituted. (Avoid specific brand names, if possible).				
Additional comments (i.e., other specified accommodations needed).				
Texture Modification (Complete if needed)				
Pureed	Ground	☐ Bite-Size Pieces	Other (specify):	
PART 3: SIGNATURE				
State Licensed Healthcare Professional's Name		Title: Physician Optometrist Nurse Practitioner (Al	☐ Physician Assistant ☐ Podiatrist PNP) ☐ Dentist	
Signature of State Licensed Healthcare Professional		Date Signed		
Medical Office Name and Address		Phone Number		

Rev. 1/2023

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Food Allergens



















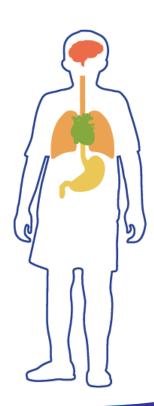




What is a Food Allergy?

Immune system response to protein found in food

 Body identifies protein as harmful, and an allergic reaction occurs



Common MILD Symptoms

- NOSE: Itchy, runny, sneezing
- MOUTH: Itchy, spicy feeling
- Rash or hives in small area
- Mild nausea or discomfort

SEVERE Symptoms

- Tightness in throat, trouble breathing/swallowing
- Widespread rash or hives
- Repetitive vomiting or severe diarrhea
- MOUTH: Swelling of lips or tongue
- Dizzy, faint, weak, pale, blue
- Shortness of breath, wheezing, coughing

Body System	Symptoms	
Skin	Hives, swelling (face, lips, tongue), itching, warmth, redness	
Respiratory (breathing)	Coughing, wheezing, shortness of breath, chest pain or tightness, throat tightness, trouble swallowing, hoarse voice, nasal congestion, or hay fever-like symptoms (sneezing; runny or itchy nose; red, itchy, or watery eyes)	
Gastrointestinal (stomach)	Nausea, stomach pain or cramps, vomiting, diarrhea	
Cardiovascular (heart)	Dizziness/light-headedness, pale/blue color, weak pulse, fainting, shock, loss of consciousness	
Neurological (brain)	Anxiety, sense of "impending doom" (feeling that something really bad is about to happen), confusion, headache	

Common Symptoms of an Allergic Reaction in Children Under 2 Years of Age

- Noticeable change in the sound of their cry
- Drooling
- Spitting up food or drink after feeding
- Uncontrolled passing of stool or urine

- Behavioral changes
 - · Irritability
 - Unexpectedly becoming very sleepy or difficult to wake up
 - · Suddenly appearing very frightened
 - · Emotionally upset
 - · Wanting to be held or comforted

Institute of Child Nutrition (ICN) Food Allergy Fact Sheets

- Fact Sheets for 9 major food allergens
- Spanish version available

Child Care Center Food Allergy Fact Sheet

MILK ALLERGY

What Is Milk Alleray?

Milk allergy is a potentially life-threatening immune system reaction to the proteins in cow's milk. It is often confused with lactose intolerance, a condition characterized by an inability to digest the lactose (a sugar) in milk. Unlike an allergy, lactose intolerance is not life-threatening. Milk allergy is the most common food allergy in infants and very young children. Most children outgrow milk allergies by the time they are two or three years old.



Avoiding Milk and Dairy

A child with a milk allergy cannot drink milk or consume dairy products, such as yogurt and cheese. The proteins in cow's milk are similar to other domestic mammals, such as goats, sheep, and buffalo; therefore, milk and dairy products from these animals should also be avoided.

Nondairy products and processed foods often contain dairy ingredients and various forms of casein and whey, the two major proteins in milk. Reading food labels to find these hidden ingredients is important to eliminate exposure to milk.

If you have a child with a milk allergy in your care, you need to be aware of foods and products that may contain milk to prevent a reaction. This includes foods in your menu as well as foods and products that staff and children may bring into the center. The following tables list the most common dairy products, dairy ingredients, milk protein ingredients, and dishes, foods, and products that may contain milk. It is important to read all food labels to check for milk and dairy ingredients. Take extra care when reading food labels for milk proteins, as they are not commonly known and are often used in unexpected products.

Dairy Products

- Butter (all forms) · Cheese (all types)
- Custard Cheese dip/sauce/spread Dried milk
- Coffee creamer Condensed milk
- · Cottage cheese
- Cream cheese Crème fraiche
- Pudding Ghee · Half and half

Ice cream

Diacetyl

Galactose

Lactate solids

Curd

- Evaporated milk
- · Heavy cream Ice cream
- Kefir · Malted milk
 - · MIIk (all forms, including all fat and flavored varieties)
 - · Powdered milk Pudding
- Sherbet
- Sour cream Skvr Ouarg/guark
 - Whipping cream Yogurt (all varieties)

Dairy Ingredients

Lactose

· Milk fat

· Milk protein

· Milk solids

Lactulose

- · Anhydrous butter oil Anhydrous milk fat (AMF)
- Butter acid Butter ester
- Butter oil Butterfat
- Dairy product solids
- Dehydrated yogurt
- Lactic acid · Lactic acid starter culture Lactic yeast
- Lactitol monohydrate

- Protein hydrolysate Milk derivative Recaldent™
 - Sour cream solids
 - Tagatose
- · Milk protein hydrolysate Yogurt powder Milk solid pastes



Reactions can occur seconds to hours after consuming a food allergen



Milk Allergy

- Immune response to cow's milk protein(s)
- Can include milks from other mammals:
 - Sheep
 - Goats
 - Buffalo
 - Deer
- Can be life-threatening



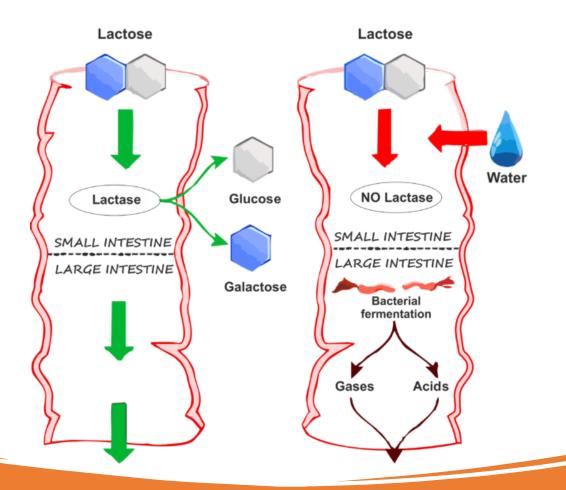


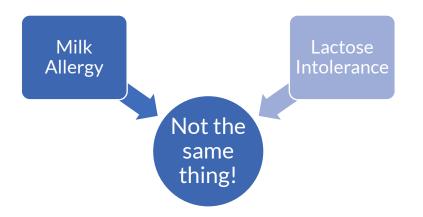
Lactose Intolerance

- Digestive response to lactose, the sugar found in milk and milk products.
- Bodies produce an enzyme, lactase, which helps break down lactose.
- Some individuals do not produce enough lactase to break down lactose
 - **Symptoms:** stomach cramps, bloating, nausea, diarrhea, and/or gas
- Not life-threatening









- Important to know actual diagnosis
- Terms have been used interchangeably – they are not the same!
- Accommodating milk allergy and lactose intolerance is different

Lactose Intolerance

- Lactose is present in products that contain milk
- Severity of lactose intolerance varies
 - Some individuals can tolerate more than others

Milk Allergy: Dairy Foods

Cannot drink milk or consume dairy products.

Dairy Products

- Butter (all forms)
- Cheese (all types)
- Cheese dip/sauce/spread
- Coffee creamer
- Condensed milk
- Cottage cheese
- Cream cheese
- Crème fraiche

- Curd
- Custard
- Dried milk
- Evaporated milk
- Ice cream
- Pudding
- Ghee
- Half and half

- Heavy cream
- Ice cream
- Kefir
- Malted milk
- Milk (all forms, including all fat and flavored varieties)
- Powdered milk
- Pudding

- Sherbet
- Sour cream
- Skyr
- Quarg/quark
- Whipping cream
- Yogurt (all varieties)

Other Foods That May Contain Milk

Cannot consume other foods that contain milk.

Dishes, Foods, and Products That May Contain Milk

- Artificial butter flavor
- Baked goods (breads, cakes, cookies, crackers)
- Breading on processed meat and poultry products
- Broths and stocks
- Candy (caramel, chocolate, nougat)
- Canned tuna (may contain casein)

- Deli meats
- Flavored chips
- Flavorings (artificial butter, caramel, or natural)
- Foods fortified with protein
- Granola mixes (butter)
- High protein flour
- Instant potatoes

- Luncheon meats, hot dogs, or sausages (may use casein as a binder)
- Milk substitutes (soy-based, nut-based, or rice-based dairy products, possible cross-contact)
- Protein powder (may contain whey or casein)
- Rice cheese

- Shellfish (may be dipped in milk to reduce fishy odor)
- Simplesse® (fat substitute)
- Soy cheese

- Cereals
- Baking mixes
- Battered products
- Sausages
- Egg dishes
- Spice mixes
- Salad dressings

Dairy Ingredients

Cannot consume dairy ingredients.

Dairy Ingredients

- Anhydrous butter oil
- Anhydrous milk fat (AMF)
- Butter acid
- Butter ester
- Butter oil
- Butterfat
- Dairy product solids
- Dehydrated yogurt

- Diacetyl
- Galactose
- Lactate solids
- Lactic acid
- Lactic acid starter culture
- Lactic yeast
- Lactitol monohydrate

- Lactose
- Lactulose
- Milk derivative
- Milk fat
- Milk protein
- Milk protein hydrolysate
- Milk solid pastes
- Milk solids

- Nisin
- Protein hydrolysate
- Recaldent™
- Sour cream solids
- Tagatose
- Yogurt powder

Milk Protein Ingredients

Cannot consume milk protein ingredients.

Milk Protein Ingredients

Caseir

- Ammonium caseinate
- Calcium caseinate
- Casein
- Casein hydrolysate
- Hydrolyzed casein
- Iron caseinate
- Magnesium caseinate
- Potassium caseinate
- Sodium caseinate
- Zinc caseinate

- Acid whey
- Cured whey
- Delactosed whey
- Demineralized whey
- Hydrolyzed whey
- Lactalbumin
- Lactalbumin phosphate
- Lactoferrin

Whey

- Lactoglobulin
- Powdered whey
- Reduced mineral whey
- Sweet dairy whey
- Whey
- Whey powder
- Whey protein
- Whey protein concentrate
- Whey protein hydrolysate

- Whey protein isolate
- Whey solids

Reading Food Labels

Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA)

 Requires foods or ingredients that contain a "major food allergen" be specifically labeled

Label Requirement(s)

Common/usual name identifies food source "Milk"

LOW FAT VANILLA FLAVOURED YOGHURT

INGREDIENTS: Skim Milk, Concentrated Skim Milk, Water, Sugar, Cream (From Milk), Thickeners (1422 (From Maize), 1442 (From Maize)), Milk Solids, Gelatine, Flavours, Acidity Regulators (331, 332, 270, 330), Enzyme (Lactase), Live Cultures. Contains Milk and Milk Products.

Common/Usual name

Label Requirement(s)

 Include common name in parentheses after name of ingredient "Galactose (Milk)"

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INGREDIENTS: Milk, clotted cream (milk) (13%), strawberry ripple (10%) (strawberry purée, sugar, water, maize starch, flavouring, colour (anthocyanins), concentrated lemon juice), demerara sugar, water, sugar, strawberry (5%), skimmed milk powder, pasteursed free range egg, whipping cream (milk) (3%), strawberry purée (3%), maize starch, flavouring, colour (anthocyanins), concentrated lemon juice

ALLERGY ADVICE: For allergens see ingredients in bold
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In parentheses

Label Requirement(s)

3. Immediately after or next to the list of ingredients in a "contains" statement "Contains milk and soy"

Ingredients: Enriched flour (wheat flour, niacin, reduced iron, vitamin B₁ [thiamin mononitrate], vitamin B₂ [riboflavin], folic acid), water, vegetable oil (soybean, palm, canola and/or cottonseed), sugar, leavening (baking soda, sodium aluminum phosphate, monocalcium phosphate), contains 2% or less of salt, dextrose, spice, whey, eggs, soy lecithin.

Vitamins and Minerals: Calcium carbonate, iron, vitamin A palmitate, vitamin B₆ (pyridoxine

CONTAINS WHEAT, MILK, EGG AND SOY INGREDIENTS.

hydrochloride), vitamin B₁₂.

Contains statement

Advisory Statement(s)

- 1. May contain (allergen): "May contain milk"
- 2. Produced in a facility that also uses (allergen):

"Produced in a facility that also uses milk"

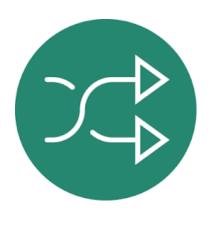
"Used on the same production line:"

soybean oil, honey powder, natural flavor.

CONTAINS: Wheat.

May contain milk, eggs, soy and tree nuts.





Avoid foods with advisory statement:

- May contain trace amount of allergen due to cross-contact
- Cross-contact: When one food allergen comes into contact with another food

Allergen – free claims are not regulated

- Product may be made in a facility where allergen is present
- Product may be free from milk and cream but not free of milk proteins
 - Always read ingredient list





INGREDIENTS

Soymilk (Filtered Water, Soybeans), Cane Sugar, Corn Starch, Tricalcium Phosphate, Pectin, Natural Flavor, Dipotassium Phosphate, Sea Salt, Citric Acid, Live And Active Cultures, Mixed Tocopherols And Vitamin C Ester (to protect freshness), Vitamin D2. CONTAINS SOY.

We work hard to keep the information on this website up-to-date, but please check the label on your product for the most current ingredient statement.

Food Allergens on Food Labels

When in Doubt, Leave it Out!

- Manufacturers can change their recipe on how they make a certain product any time without notification
- Always read the food label for potential food allergens every time a product is purchased
- If necessary, contact manufacturer for clarification

Accommodating Meals

Must Offer Modifications for Disabilities



Program must provide an appropriate substitute



Refer to medical statement



Work with family



May never require family to provide modification

Accommodating Milk Allergy

Serve Substitutions



- Specified foods to accommodate disability
- Prepare alternate foods

Read Food Labels

Nutrition Facts Serv. Sear. 1 oz. (28 gf oz.). Servings: 8 Amount Per Serving: Calories 101, Fat Cal. 35, Total Fat 4g (1850/). Sax. Fat 0g (600/). Trans Fat 0g. Cholest. 20mg (79/07). Sogars 5g, Protein 3g, Valtanin A (600/). Visamic (79/07). Caldium(45/07). [on (25/07). Percent Dally Values (09/07). Visamic Official Calories dell.

NGREDIENTS: Gluten Free Flour; Brown rice flour; sweet rice flour, lapioca starch, constatech, potate starch), Pure Cane Sugar, Fresh Eggs, Almond Flour, Almonds, Drie hiblanched; Cranbernies (Dried Sweetened); Fresh Orange Juice, Baking Powder; Wuminum Free(South and Porsphate), Pure Vanilla Extract (water, alcohol, vanilla extractives), Fresh Orange Peel, Almond Extract

Contains: Eggs, Almonds

Ensure foods do not contain allergen

Update Menus for All



Include more meals and snacks free of milk*

Review Menu with Family



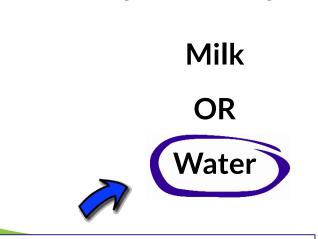
Continuous communication on food served

*Milk must still be served at breakfast, lunch and supper. However, meals can be free of milk ingredients in other food components.

CACFP Meal Modification Ideas

Breakfast Modification

How do you make your oatmeal?



Make oatmeal with water for all participants in your care



Breakfast

How can you modify a cheese omelet?

Leave out cheese

Scrambled eggs without cheese/milk



Check food label for dairy products



Plant-based or alternative cheeses are not creditable in the CACFP

Aim to serve a creditable meat/meat alternate. Alternative / plant-based cheese can be served as an extra.



NUTRITION

Amount/serving % DV Amount/serving % DV Nutrition **Total Fat** 5g **6% Total Carb.** 4q 1% **Facts** 0% There is zero to Sat. Fat 4g **20%** Fiber 0g 10 servings Trans Fat 0g Total Sugars 0g minimal protein in per container Cholesterol 0mg 0% Incl. 0g Added Sugars 0% Serving Size these foods 1 slice (22g) **Sodium** 170mg **7% Protein** 0g Calories 60 Vitamin D 0mcg 0% • Calcium 140mg 10% • Iron 0mg 0% Ingredients are starch Potassium 8mg 0% • Vitamin B₁₂ 1mcg 40%

L-00023US 1.00

INGREDIENTS

Filtered Water, Potato Starch, Coconut Oil, Expeller Pressed: Canola and/or Safflower Oil, Salt, Tricalcium Phosphate, Vegan Natural Flavors, Pea Protein, Xanthan Gum, Lactic Acid (Vegan), Konjac Flour, Fruit and/or Vegetable Juice Color, Annatto Color, Vegan Enzyme, Vitamin B12.

Learn more about our ingredients. >

and oils

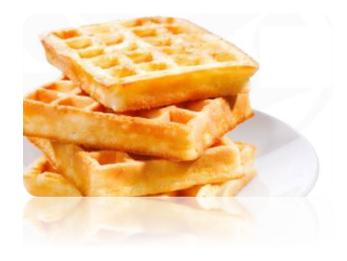


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Breakfast

What about waffles?

- Check food label for "milk" products.
- Some mixes may contain milk. Consider making from scratch.
- Use water, approved milk alternative beverage, or applesauce to substitute the milk.



Chicken with alfredo sauce?



Change menus to serve a tomato-based dish

No added cheese on top



Grilled cheese?



Grilled ham or turkey and plant-based cheese (not creditable)

 Make ham or turkey and cheese melts for all participants



Check deli meat food label for dairy products



Fish sticks, bread, cucumbers, pineapple, and milk



Looking at the label to the right, can these fish sticks be served to a participant with a milk allergy?

INGREDIENTS: 65% FISH (ALASKA POLLOCK). 35% BATTER & BREADING (WHOLE WHEAT FLOUR. VEGETABLE OIL [SOYBEAN AND/OR CANOLA], ENRICHED WHEAT FLOUR (FLOUR, NIACIN, REDUCED IRON, THIAMINE MONONITRATE, RIBOFLAVIN, FOLIC ACIDI, WATER, WHOLE YELLOW CORN MEAL, RANCH SEASONING [MALTODEXTRIN, SALT, DEHYDRATED ONION, DEHYDRATED GARLIC, DISODIUM INOSINATE & DISODIUM GUANYLATE, NATURAL FLAVOR, MODIFIED FOOD STARCH, BUTTERMILK], CORN STARCH, SALT, RICE STARCH, VITAL WHEAT GLUTEN, YEAST, LEAVENING [CREAM OF TARTAR, SODIUM BICARBONATE], TAPIOCA STARCH, MALTED BARLEY FLOUR). CONTAINS FISH (ALASKA POLLOCK), WHEAT, MILK.



Milk is listed in the Contains Statement. These fish sticks cannot be safely served to participants with a milk allergy. **INGREDIENTS:** 65% FISH (ALASKA POLLOCK). 35% BATTER & BREADING (WHOLE WHEAT FLOUR. VEGETABLE OIL SOYBEAN AND/OR CANOLAL ENRICHED WHEAT FLOUR (FLOUR, NIACIN, REDUCED IRON, THIAMINE MONONITRATE, RIBOFLAVIN, FOLIC ACIDI, WATER, WHOLE YELLOW CORN MEAL, RANCH SEASONING [MALTODEXTRIN, SALT, DEHYDRATED] ONION, DEHYDRATED GARLIC, DISODIUM INOSINATE & DISODIUM GUANYLATE, NATURAL FLAVOR, MODIFIED FOOD STARCH, BUTTERMILK], CORN STARCH, SALT, RICE STARCH, VITAL WHEAT GLUTEN, YEAST, LEAVENING [CREAM OF TARTAR, SODIUM BICARBONATE], TAPIOCA STARCH, MALTED BARLEY FLOUR).

CONTAINS FISH (ALASKA POLLOCK), WHEAT, MILK.

Find a fish stick that does not contain milk

 Need to have a Child Nutrition (CN) label or Product Formulation Statement (PFS)

Make homemade fish sticks with fish filets

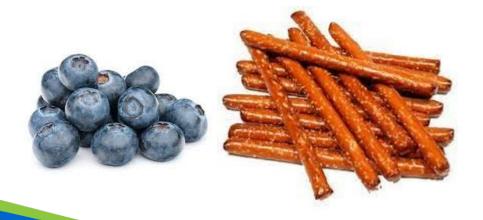
- Use breading that does not contain milk
- Use egg as base for breading



Cheese fish crackers?



Replace cheese fish crackers with pretzel "fishing" rods



Regular yogurt?





Soy yogurt





Milk Component

Must Offer Modifications for Disabilities



Program must provide an appropriate substitute



Refer to medical statement



Not required to provide exact modification requested, must determine a reasonable modification



May never require family to provide modification

Let's Talk the Milk Component

Participants with a milk allergy or lactose intolerance cannot consume regular milk





Participants with a milk allergy or lactose intolerance (most likely) have a **medical statement** that specifies an **appropriate substitution**.

Milk Substitutions for Disability

Offer to provide the substitute specified on statement...might be.....

- Oat milk*
- Almond milk*
- Other non-dairy beverages*
- Lactose-free milk (lactose intolerance only)
- Creditable soy milk



*Not creditable: Okay to serve and claim meals when supported with a medical statement for disability

Milk Substitute Requests: Non-Disability







- General health concern and/or preference such as eating organic, vegetarian, religious or ethnic preferences
- Requests not supported by a valid written medical statement

Non-Disability Requests



Programs not required, encouraged to accommodate



Accommodations must be creditable & all components served



Families may provide one creditable component

Creditable Milk Substitutes

- Lactose-free milk
- Creditable non-dairy beverages
 - Some soymilks
 - Ripple milk (non-soy)(specific items only)







Creditable Non-Dairy Beverages

Creditable Non-Dairy Beverages

(Fluid Milk Substitute)

(Creditable Non-Dairy Beverages Spanish)

(Creditable Non-Dairy Beverages Hmong)



Creditable Non-Dairy Beverages (Fluid Milk Substitute)

A creditable non-dairy beverage meets or exceeds the amount of nutrients found in one cup of cow's milk and can be served as a creditable fluid milk substitute in the Child and Adult Care Food Program (CACFP).

Nutrient Requirements

Creditable non-dairy beverages must meet or exceed the nutrient requirements provided in the table below.

- · Creditable non-dairy beverages are not required to be low-fat or fat-free.
- When served to children 1-5 years old, they must be unflavored.

Nutrients	Requirement per cup (8 fluid oz.)
Protein	8 grams
Calcium	276 mg
Vitamin A	500 IU or 150 mcg
Vitamin D	100 IU or 2.5 mcg
Magnesium	24 mg
Phosphorus	222 mg
Potassium	349 mg
Riboflavin	.44 mg
Vitamin B-12	1.1mcg

Beverages that do not meet or exceed the nutrient requirements in the table above, for example almond, cashew, coconut, hemp, oat, and rice milks, water, and juice, cannot be served as a milk substitution unless a valid medical statement for a disability is on file.

Requests for a Creditable Non-Dairy Beverage

A creditable non-dairy beverage may be served when there is a written and signed request from parents, guardians, adult participants or the caregivers of an adult participant, or a medical authority. The request must include the reason for the substitution. Any reasonable request can be accepted (e.g., milk allergy/ intolerance, dietary preference, or religious, cultural, or ethical reasons).

List of Creditable Non-Dairy Beverages

Products listed on the following page were evaluated by DPI CNT and meet or exceed nutrient levels as of 5/20/2022. Products are not endorsed by the Wisconsin Department of Public Instruction (DPI).

If serving a product not listed, programs are responsible for ensuring that it meets or exceeds nutrient requirements by comparing the nutrients listed on the Nutrition Facts label to the nutrient requirements listed above. If amounts of all nutrients are the same or more, the beverage is creditable.

Non-Creditable Beverages

- Almond milk
- Cashew milk
- Coconut milk
- Hemp milk

- Oat milk
- Rice milk
- Water
- Juice



A medical statement for a disability is required to be on file to serve these beverages and claim meals for reimbursement.



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