



must meet particular guidelines such as volume, grams of protein, and/or grams of carbohydrates. If it is not clear how a traditional Indigenous food may credit toward the meal pattern requirements, technical assistance is available from FNS on a case-by-case basis. Program operators should direct any questions concerning this guidance to the appropriate FNS Regional Office.

## **The Role of the Food Buying Guide for Child Nutrition Programs**

The FBG (<https://www.fns.usda.gov/tn/food-buying-guide-for-child-nutrition-programs>) is an essential tool that provides food yield information for: 1) planning and calculating the required quantities of food to purchase for CNP, and 2) determining the specific contribution each food makes toward the meal pattern requirements. The FBG enables Program operators participating in CNP to comply with the *Dietary Guidelines for Americans* and ensure that the meal pattern requirements are met for each component of a federally reimbursable meal. The FBG includes different foods commonly used in CNP and is continually being updated with more foods and new features.

## **Crediting Traditional Indigenous Foods**

While the FBG provides a relatively comprehensive list of foods commonly served in CNP, it does not include yield information for every possible food served in reimbursable meals. Crediting of traditional Indigenous foods that contribute to the meal pattern requirements but are not listed in the FBG may be determined using either of these methods: 1) using yield information of a similar food; or 2) conducting an in-house yield study. In these occurrences, traditional Indigenous food may credit like similar products found in the FBG, as demonstrated in the table attached to this memo.

When traditional Indigenous foods that contribute toward the meal pattern requirements are not listed and are not similar to another food in the FBG, in-house yields may be developed and used. Instructions for developing in-house yields are available online in the “About the Food Buying Guide” section on the home page of the FBG at <https://foodbuyingguide.fns.usda.gov>.

## **Traditional Indigenous Foods That do not Contribute Toward the Meal Pattern Requirements but are Allowable**

Not all traditional Indigenous foods contribute toward the meal pattern requirements; however, they may still be served (e.g., meats/meat alternates, grains, milk, fruits, or vegetables). These foods may be included to round out the meal, improve acceptability, and satisfy children’s or adults’ appetites. When served in school meals, these foods must be accounted for in the weekly nutrient analysis and count toward dietary specifications (i.e., limits on calories, saturated fat, sodium, and *trans* fat). For example,

acorns do not credit toward the meats/meat alternates component due to their low protein and iron content, but may still be served.<sup>1</sup>

Acorns may be served with a reimbursable meal and must be included in the weekly dietary specifications, but they will not contribute toward a meal pattern component. Another example, maple syrup, is a traditional Indigenous food that is often used in cooking or baking and does not credit toward a specific meal component. Acorns and maple syrup may be used in reimbursable meals and must be included in the weekly dietary specifications, but they do not contribute toward a meal pattern component.

Traditional Indigenous foods may also be used during taste tests or other educational opportunities outside of the meal programs. To help children learn about where their food comes from and the cultural traditions associated with their food, USDA encourages schools to engage local, Indigenous knowledge-keepers, agricultural and ethnobotanical educators, and nutrition professionals to guide nutrition education. For more information, visit <https://www.fns.usda.gov/f2s/farm-to-school>.

### **Meat from Game Animals**

Meat from both farm raised and wild game animals (e.g., bison, venison, and reindeer) may be served in CNP.<sup>2</sup>

Producers selling domesticated and wild game animals to school meal programs must meet applicable Federal, State, local, and Tribal food safety regulations and inspection requirements. School food authorities should work with their local food safety authority to determine applicable State and local food safety regulations. Please note that state and local authorities may have stricter regulations than FNS, preventing the service of farm raised and wild game animals. Congress has delegated to state governments the responsibility for the administration of school meal programs. USDA is cognizant that state government rules on traditional Indigenous animal protein sources are sometimes in conflict with Tribal Sovereignty.

### **Adding Additional Traditional Indigenous Foods to the Food Buying Guide**

In the future, FNS will add new traditional Indigenous foods and their crediting information to the FBG. USDA will also hold a Tribal consultation/listening session to ask Indian Country which additional traditional Indigenous foods should be added to the FBG.

In addition, USDA is also exploring additional opportunities that may be available for internal and/or external capacity to provide yield study research on traditional Indigenous foods.

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<sup>1</sup>See [7 CFR 210.10\(c\)\(2\)\(i\)\(B\)](#)

<sup>2</sup> See [SP01 CACFP01 SFSP01-2016 Procuring Local Meat, Poultry, Game and Eggs for Child Nutrition Programs](#)

## **Additional Questions**

In keeping with our intent to foster diversity in USDA's CNP and honor our trust and treaty responsibility to Tribal Nations, we encourage the inclusion of traditional Indigenous foods in CNP. We invite Tribes and stakeholders to voice any issues or concerns so that we may continue to provide technical assistance as necessary. Furthermore, USDA will continue to actively engage with Tribes and stakeholders in the school and nutrition spaces in Indian Country where possible. For additional guidance concerning this memorandum, please contact your FNS Regional Office (<https://www.fns.usda.gov/fns-regional-offices>) or USDA's OTR (<https://www.usda.gov/our-agency/staff-offices/office-tribal-relations-otr/contact-otr>) for assistance.

This memorandum rescinds and replaces TA 01-2015, *Child Nutrition Programs and Traditional Foods*, dated July 15, 2015.

**Original Signed**

Sheldon E. Gordon, MS, RDN  
Director  
Nutrition, Education, Training and Technical Assistance Division (NETTA)  
Updated: 11/1/2023

Attachment

## Examples of Traditional Indigenous Foods that Credit the Same as Similar Foods in the FBG

**Note:** This table is not an exhaustive list of traditional Indigenous foods that may contribute toward the meal pattern requirements for the CNP, but rather provides examples of traditional Indigenous foods that credit the same as similar foods in the FBG.

<b>Traditional Indigenous Foods that Credit the Same as Similar Foods in the FBG</b>	
<b>Traditional Indigenous Foods</b>	<b>Crediting in the Food Buying Guide<sup>1</sup></b>
<b>Beaked Hazelnuts</b>	<ul style="list-style-type: none"> <li>• Credits the same as whole nuts.</li> <li>• FBG contains yield information for hazelnuts, the same yield may be used to determine the credit.</li> </ul>
<b>Blue Cornmeal (mush)</b>	<ul style="list-style-type: none"> <li>• Credits the same as cereal grain items.</li> <li>• Grain contributions may be calculated using grams of creditable grains (16g) or Exhibit A.<sup>2</sup></li> </ul>
<b>Ground Bison/Buffalo</b>	<ul style="list-style-type: none"> <li>• Credits the same as ground meat items.</li> <li>• FBG contains yield information for ground buffalo, the same yield may be used to determine the credit.<sup>3</sup></li> </ul>
<b>Ground Venison (elk or deer)</b>	<ul style="list-style-type: none"> <li>• Credits the same as ground meat items.</li> <li>• FBG contains yield information for ground venison, the same yield may be used to determine the credit.<sup>3</sup></li> </ul>
<b>Indian Squash</b>	<ul style="list-style-type: none"> <li>• Credits the same as winter squashes.</li> <li>• FBG contains yield information for Hubbard squash, the same yield may be used to determine the credit.</li> </ul>

<b>Traditional Indigenous Foods that Credit the Same as Similar Foods in the FBG</b>	
<b>Traditional Indigenous Foods</b>	<b>Crediting in the Food Buying Guide<sup>1</sup></b>
<b>Lambsquarters (white goosefoot leaves)</b>	<ul style="list-style-type: none"> <li>• Credits the same as dark green leafy vegetables.</li> <li>• FBG contains yield information for spinach, the same yield may be used to determine the credit.</li> </ul>
<b>Native White Corn</b>	<ul style="list-style-type: none"> <li>• Credits the same as starchy vegetables.</li> <li>• FBG contains yield information for yellow corn, the same yield may be used to determine the credit.</li> </ul>
<b>Native Whole Blue Corn Kernel (ground into flour)</b>	<ul style="list-style-type: none"> <li>• Credits the same as cereal grain items.</li> <li>• Grain contributions may be calculated using grams of creditable grains (16g) or Exhibit A.<sup>2</sup></li> </ul>
<b>Native Whole Blue Corn Kernel (not ground into flour)</b>	<ul style="list-style-type: none"> <li>• Credits the same as starchy vegetables.</li> <li>• FBG contains yield information for yellow corn, the same yield may be used to determine the credit.</li> </ul>
<b>Prairie Turnips</b>	<ul style="list-style-type: none"> <li>• Credits the same as vegetables in the other vegetables subgroup.</li> <li>• FBG contains yield information for turnips, the same yield may be used to determine the credit.</li> </ul>
<b>Red (sockeye) Salmon</b>	<ul style="list-style-type: none"> <li>• Credits the same as seafood items.</li> <li>• FBG contains yield information for canned and pouched non-smoked salmon, the same yield may be used to determine the credit.</li> </ul>

<b>Traditional Indigenous Foods that Credit the Same as Similar Foods in the FBG</b>	
<b>Traditional Indigenous Foods</b>	<b>Crediting in the Food Buying Guide<sup>1</sup></b>
<b>Salmonberries</b>	<ul style="list-style-type: none"> <li>• Credits the same as berries.</li> <li>• FBG contains yield information for raspberries, the same yield may be used to determine the credit.</li> </ul>
<b>Whole Cuts Bison/Buffalo</b>	<ul style="list-style-type: none"> <li>• Credits the same as other whole cut meat items.</li> <li>• FBG contains yield information for whole cuts of beef, the same yield may be used to determine the credit.<sup>3</sup></li> </ul>
<b>Whole Cuts Sheep</b>	<ul style="list-style-type: none"> <li>• Credits the same as other whole cut meat items.</li> <li>• FBG contains yield information for whole cuts of lamb, the same yield may be used to determine the credit.<sup>3</sup></li> </ul>
<b>Whole Cuts Venison (elk or deer)</b>	<ul style="list-style-type: none"> <li>• Credits the same as other whole cut meat items.</li> <li>• FBG contains yield information for whole cuts of beef, the same yield may be used to determine the credit.<sup>3</sup></li> </ul>
<b>Wild Plums</b>	<ul style="list-style-type: none"> <li>• Credits the same as whole stone fruit items.</li> <li>• FBG contains yield information for plums, the same yield may be used to determine the credit.</li> </ul>
<b>Wild Raspberries</b>	<ul style="list-style-type: none"> <li>• Credits the same as berries.</li> <li>• FBG contains yield information for raspberries, the same yield may be used to determine the credit.</li> </ul>

**Traditional Indigenous Foods that Credit the Same as  
Similar Foods in the FBG**

Traditional Indigenous Foods	Crediting in the Food Buying Guide <sup>1</sup>
<p><b>Wild Rice (sprouted, puffed, flour)</b></p>	<ul style="list-style-type: none"> <li>• Credits the same as other types of whole grain rice.</li> <li>• Grain contributions may be calculated using grams of creditable grains (16g) or Exhibit A.<sup>2</sup></li> <li>• Sprouted or puff forms of wild rice belong in Exhibit A Group H.<sup>2</sup></li> </ul>

<sup>1</sup>All crediting guidance is applicable to all items listed under the Traditional Indigenous Foods column.

<sup>2</sup>See [SP 30-2012 Grain Requirements for the National School Lunch Program and School Breakfast Programs](#).

<sup>3</sup>All game meat must be purchased from USDA inspected establishments, or State Meat and Poultry Inspection Programs.

Uninspected game meat is not allowed to be served in FNS Child Nutrition Programs except when facilities, including schools, and sites operated by Indian tribes and Tribal organizations, that primarily serve Indians accept donations of game meat (See [SP 42-2015, CACFP 19-2015, SFSP 21-2015: Service of Traditional Foods in Public Facilities](#)).