

HOM & F2S

Eat Smart Missoula 3.22.18

Presenters

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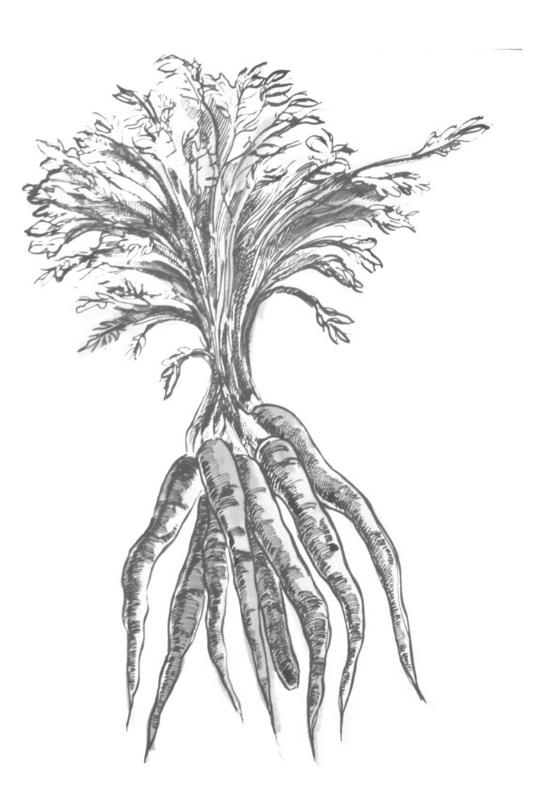






Overview

- F2S Basics
- Montana Harvest of the Month
- Upcoming Opportunities



FARM to SCHOOL



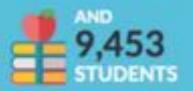


OF MONTANA SCHOOL DISTRICTS

surveyed by USDA say they participate in farm to school activities.







Another 14% of districts surveyed plan to start farm to school activities in the future.

(Note: of the 258 school districts in Montana, 73% completed the USDA Farm to School Census.)



\$1,616,180
INVESTED IN LOCAL FOOD
IN MONTANA

WITH THE AVERAGE SCHOOL DISTRICT SPENDING
OF THEIR BUDGET ON LOCAL PRODUCTS.

AT LEAST

55

SCHOOL GARDENS ARE GROWING IN MONTANA

TEND AND WATER THOSE GARDENS; THEIR BENEFITS ARE WELL DOCUMENTED!

Why Farm to School

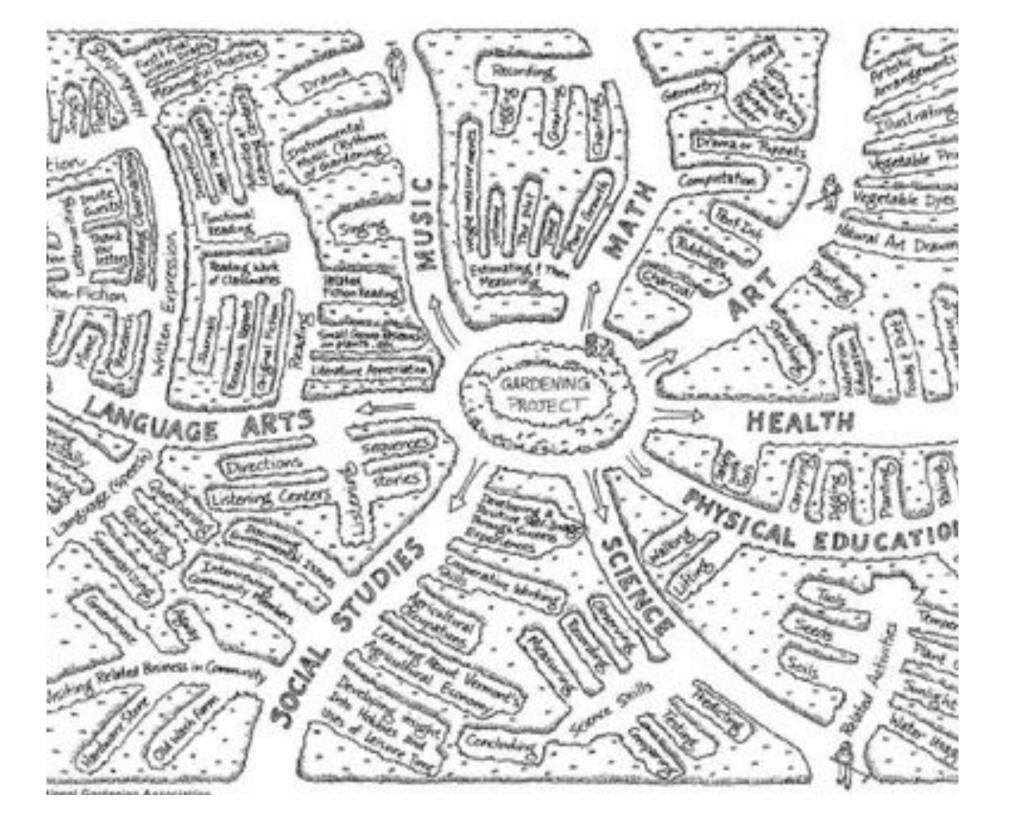
Public Health

Economy

Education

Environment

Community Engagement



Montana Farm to School Leadership Team

Communication

Distribution

Grant Program

Farm to ECE

Education



http://www.montana.edu/mtfarmtoschool/beeftoschool.html https://twitter.com/mtbeeftoschool

MT F2S Success: Missoula







Harvest





www.montana.edu/mtharvestofthemonth

Partners & Funders

















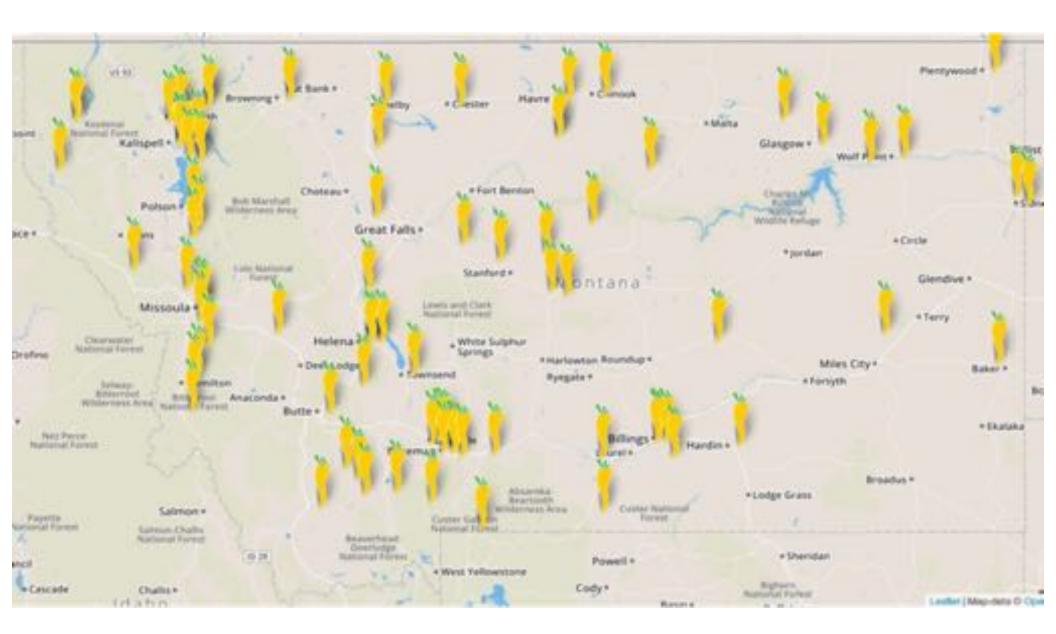












Impacts

Increases
communication and
collaboration within
and outside of the
schools.

Increases students' interest in **trying new foods**.

Creates a method for engaging parents in nutrition education and healthy eating.

Provides an easy framework to start or grow farm to school.

Promotes existing farm to school efforts which often go unacknowledged.

Increases local food purchases.

How it Works

Calendar 2017-18*

*same as school year 2016-17

May - Lentils



April - Grains

Audiences

*In pilot phase

K-12 Schools & Afterschool Programs



Healthcare Institutions*



Early Care & Education Sites*



Business & Community*



Form a **team**

Showcase each month

- School meal or snack
- Educational activity
 - Taste test

Promote

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Promote



Food Service



Team Lead



Producer



Administrator



Community Partner

Form a team

Showcase each month

- School meal or snack
 - **Educational activity**
 - Taste test

Promote



Photo Credit: Montana Team Nutrition Program

GARDINER SCHOOL LUNCH

February 2017



Monday	Tuesday	Wednesday	Thursday	Friday
		1 Chicken alfredo Homemade bread Roasted carrots	2 Beef burgers French fries Baked apples	NO SCHOOL
6 Beef stroganoff Roasted broccoli Homemade roll	7 Shepard's pie Kale chips Rice crispy treat	Beet Brownies	9 Pasta with meat sauce Green beans Garlic bread	NO SCHOOL
13 BBQ pulled pork over a cornbread waffle coleslaw	Hot ham and cheese Beet Chips	15 Taco salad Black beans and rice Snickerdoodle cookie	16 Scrambled eggs Sausage Potatoes and banana bread	17 NO SCHOOL
20 Shrimp tacos Rice and beans Molasses cookie	21 Chill Corn bread Cinnamon roll	Tuna noodle cassarole Roasted Beets	23 Pizza Mixed vegetables (stig.	NO SCHOOL
27 88Q chicken drum stick Rice pilaf Green beans Brownie	28 Boof and vegetable stew Butternut squash roll Chocolate chip cookie		5	

Beets are this month's Harvest of the Month. Did you know...

- · Beets are in the vegetable food group.
- While different in nutrient composition and culinary use, sugar beets are an important part of Montana's economy. Montana is a top producer of sugar beets, harvesting nearly 1.5 million pounds from 44,000 acres in 2014!
- Beets have the highest sugar content of any vegetable but are packed with nutrients!

Form a team

Showcase each month

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 - Taste test

Promote

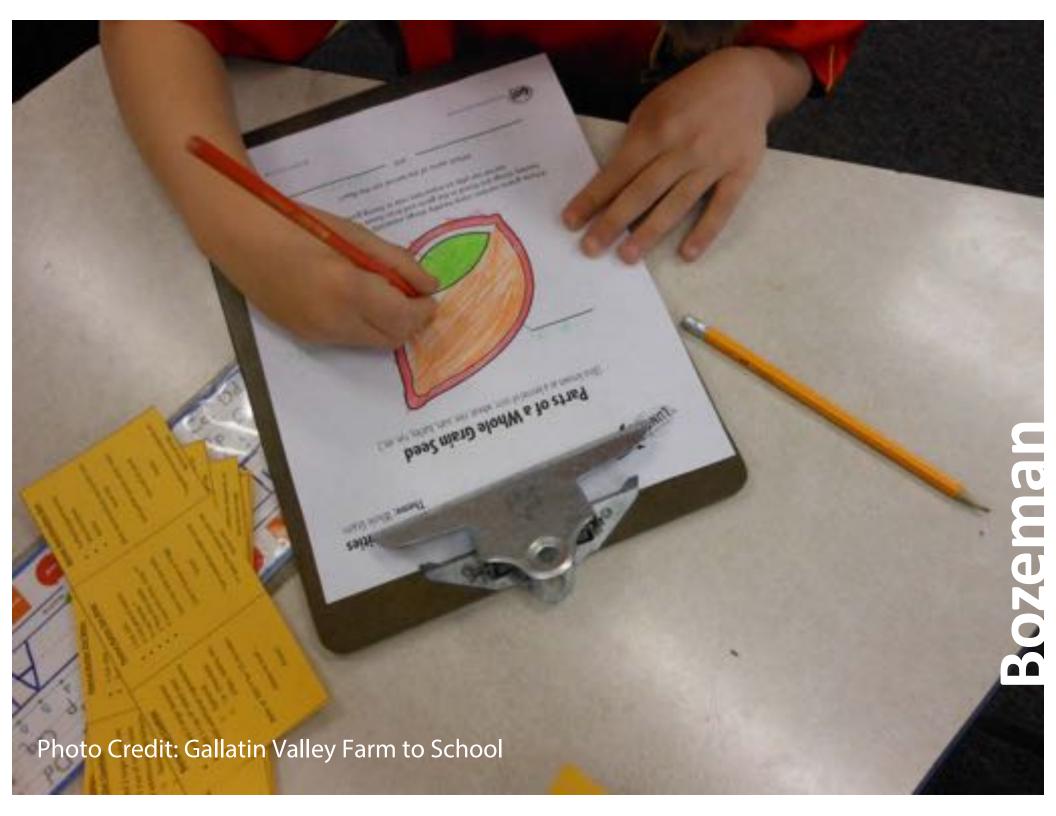






Photo Credit: Kelsie Larson, Butte



From left, seventh-grade students Savannah Osterling, Dakotah Hurley and Madi Wolfe

BUY NOW
serve Pinwheel Tacos made from Montana beef Friday afternoon at Helena Middle School.

The dish was a part of the Montana Harvest of the Month Program where monthly, a Montana-based ingredient is studied then served in the school's cafeteria.

Thom Bridge,thom.bridge@helenair.com

Form a team

Showcase each month

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- **Educational activity**
 - Taste test

Promote



Photo Credit: Beth Williams, Red Lodge

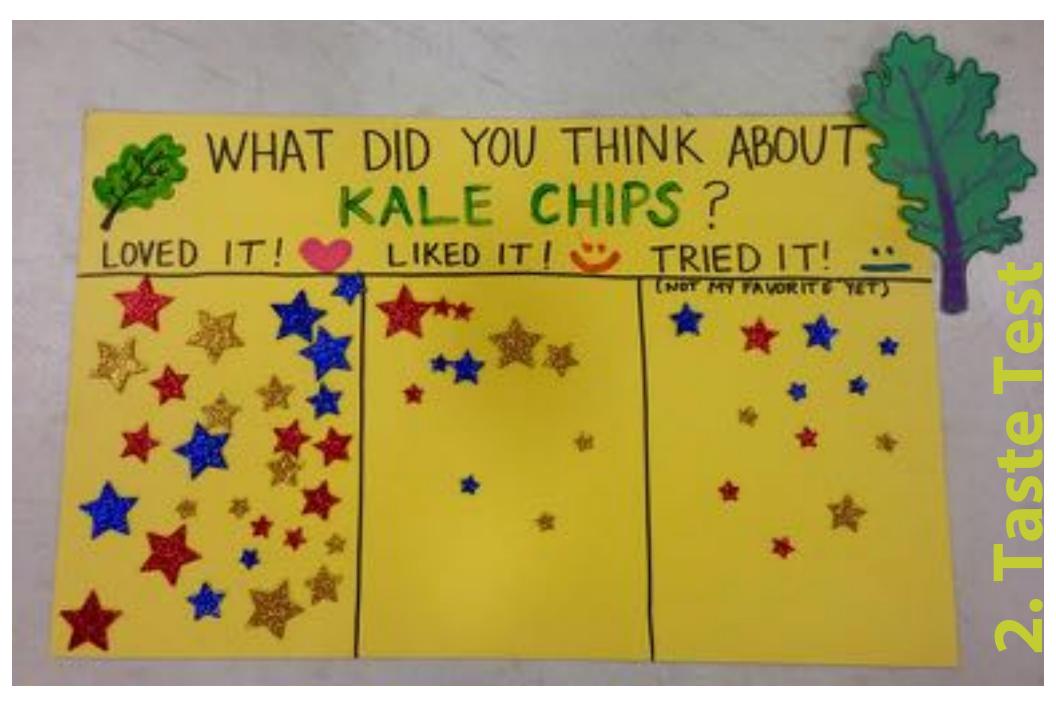




Photo Credit: Carey Swanberg, Ronan

Form a team

Showcase each month

- School meal or snack
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 - Taste test

Promote

Newsletter & Social Media

February Harvest of the Month: Beets

Pick up the beet! Beet roots and their edible leaves are packed with great vitamins including potassium, vitamin A, and riboflavin, folate and magnesium—all great for growing kids and athletes!

Beets are delicious when eaten raw, roasted, steamed, and baked. Grate raw beets for adding color, flavor and nutrition to salads! These versatile vegetables come in a variety of colors including red, pink, golden, and red and white-striped (Chioggia variety). See which beets you and your family like best! Beets are hardy and are ready to be harvested the late fall. Beets store well, making them a great vegetable to eat in the cold of winter when many other vegetables are not available locally.

This month, beets from {INSERT TOWN OR FARM HERE IF MONTANA/LOCALLY GROWN} will be featured for {INSERT MEAL} on {INSERT DAY HERE}! Students can vote if they "Tried it, Liked it, or Loved it" after trying the Harvest of the Month item in the {INSERT LOCATION OF VOTING, remove this section if you are not conducting a voting or a taste-test}.







Share your harvest! Use the tag on social media: #mtharvestofthemonth







Participating Sites Will

Form a team

Showcase each month

- Educational activity
 - Taste test
- School meal or snack

Promote

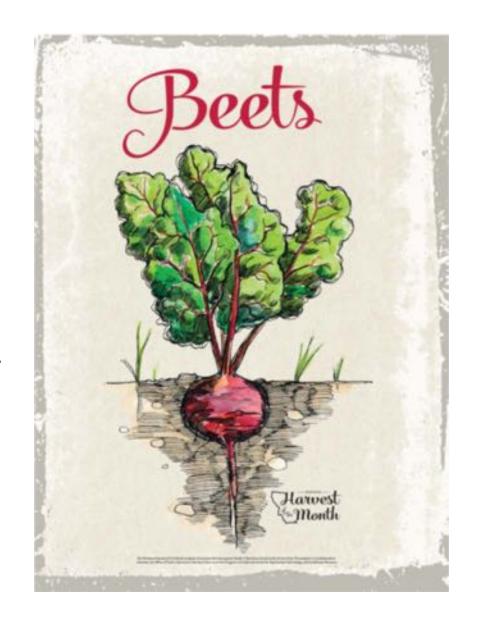
Evaluate

Materials & Resources

Posters

- Receive one 18x24" for each month
- Electronic files available 18"x24" and 11"x17"
- Purchase additional 18x24" posters (\$1.25ea + S&H)

http://store.msuextension.org/Departments/Harvest-of-the-Month-Posters.aspx





Cafeteria Bites



Facts

- Lentils are a pulse crop, part of the legume family, along with dry beans, chickpeas (garbanzo beans), and dry peas. The name "pulse" refers to pols, a thick soup.1
- Montana is the top producer of lentils in the United States, producing almost 40% of the lentils grown in this country!2
- Like other legumes, lentils add nitrogen to the soil, improving soil health. This makes them a good rotational crop with wheat and other grains.3
- Even though many people may not be familiar with them, lentils were one of the first crops cultivated by humans.4

Selection

French green, black, red, green, golden, and pardina (brown) are some of the many varieties of lentils. While any variety is very versatile, each one has unique characteristics including texture, flavor, and color, making them





more or less suited for certain culinary uses. Green lentils are larger and very versatile, being suitable for soups, salads, and in baked goods as a puree. Golden and red lentils cook quickly and lose their shape, making them great for adding to sauces, thicker soups, mashed potatoes, or baked goods as a puree. Pardina, Black Beluga®, and French green lentils are smaller and round, hold their shape, and are great sprouted and/or served in soups or salads.3

Storage

Store lentils in airtight containers in a cool, dry place for up to a year. Cooked lentils may be refrigerated up to 5 days or frozen up to 3 months.4

Preparation

Prior to use, wash carefully, and pick out debris or rocks.5

Blend. Add 1-2 tablespoons cooked lentils to smoothies. Cook. To cook, use 1 cup lentils to 3 cups water. Boil for 15-20 minutes for salads or up to 60 minutes for puree, depending on variety and desired texture. Although lentils do not need to be soaked prior to cooking like other legumes, soaking and sprouting helps to increase nutrient availability.

Grind. Using a high-powered blender, food processor, coffee/spice grinder, or flour mill, grind washed and dried lentils until desired consistency. Use in baked goods as a gluten-free, high-protein, and high-fiber flour.

Pan-fry. Cooked lentils can be used to make veggie burgers, falafel, or croquette.

Puree. Place cooked lentils in food processor and drizzle with olive oil, add seasonings if desired. Blend until smooth. Use puree as a dip for vegetables, spread on sandwiches, base for croquette or patty, or as base for baked goods.

Risotto, Soups, Stews, or Stir-fry. Add cooked lentils to soups, stews, or rice dishes for added nutrients and texture. Salad, Chill lentils after cooking, Combine with chopped vegetables, such as tomatoes and broccoli, then toss with a balsamic or Italian dressing. Add to a pasta or green salad

Season. For added flavor, cook lentils in water, broth, or tomatoes. To enhance flavor, experiment with allspice, bay, chili powder, cloves, cumin, curry powder, garlic, ginger, nutmeg, oregano, rosemary, or thyme.

Soak. Cover lentils with 2 inches water, cover, and soak in refrigerator for 10-12 hours.3,5

Adapted from the Lentils Food Fact Sheet developed by Montana State University Extension. For the full fact sheet and other resources, visit: www.msuextension.org/nutrition.

Nutrition Information

Lentils are highly nutritious and deserve "superfood" status.

Montana Harvest of the Month: **Lentils** 1

	Harvest Month
ne Lentil Squash Hummus Category	Recipe #

icess:1 – No Cook2 – Cook & Same Day Serve3 – Cook, Cool, Reheat, Serve4 – SOP Controlled						
	For 42 Servings	Directions: Include step by step instructions, the critical control points (specific points at which a hazard can be reduced, eliminated or prevented) and critical limit (time and/or temperature to be achieved to control a hazard).				
its						
beans, drained	2 cups (reserve juice to adjust consistency later)	 To cook lentils: Fill a hotel pan with 2 parts water, 1 part lentils, cover with lid, and bake at 375°F for 15-20 minutes until soft. Cool to below 				
uash, pureed	2 1/2 cups	40°F on sheet pan. 2. Blend all ingredients in food processor until creamy.				
s, cooked	1 quart (about 1/2 quart uncooked)					
bout substitutions) 1/2 cup		 Refrigerate immediately and hold below 41°F. Store up to seven days of freeze up to one month. 				
etable oil	1 cup					
erved garbanzo juice lentil cooking water)	as needed for consistency					
	1 1/2 tsp (or more to taste)	Notes: • Lentils credit as meat alternate or legume vegetable.				
	1/2 tsp	Tahini is important to the flavor and consistency of the hummus, and should be available through your regular distributor.				
	1/2 tsp					
ves, roasted	6	However, you can omit tahini, adding slightly more oil and lentils to achieve desired consistency.				
ce	1 Tbsp	to deflieve desired consistency.				

174 cup (202.), 172 cup (4 02.)	rdii 3ize	Over reinperature & baking rime.	
		Temperature	Minutes
42	Number of Pans	Conventional	
		Convection	

Meal Component Fulfillment (Based on Serving Size) Provides: _____0.5 oz., 1.0 oz.___ Meat / Meat Alternative _____1/8 cup, 1/4 cup__ Vegetable / Legume (or credit as meat alternate)

Nutrition Analysis (if available): Serving Size: 1/2 cup					
20	8 Calories	59.88% Calories from Total Fat	32.38	Calcium (mg)	
5.8	0 Protein (g)	278.39 Vitamin A (IU)	198.99	Sodium (mg)	
13.8	86 Total Fat (g)	4.14Vitamin C (mg)	5.05	Dietary Fiber (g)	
2.0	6 Saturated Eat (a)	2.04 Iron (mg)	16.94	Carbobydrato (a)	

Source: Jenny and Luca Montague and Jessica Manly, Kalispell Public Schools

Teacher

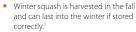


Classroom Bites

Winter Squash

Facts





- The skins are hard and usually not eaten, quite different from their summer squash cousins, such as zucchini.2
- Gourds, cucumbers, and melons are all part of the Cucurbit family, but all have different origins. Squash and pumpkins are native to the Americas, while cucumbers originated in eastern Asia, and melons in Africa or Persia.3
- Squash is one of the oldest cultivated crops in the Western Hemisphere and was originally grown for its seeds. Seeds found in Mexico have been dated as 10.000 years old.3
- · To some Native American tribes, corn, beans, and squash are known as the "Three Sisters". These plants were grown together and were staples of many tribes in North America.3



Butternut

Squash

Spaghetti Squash

Gardening To grow winter squash you need consider-

able garden space and full sun. Start seedlings indoors 3-4 weeks prior to planned planting date. Plant hardened off seedlings outdoors one week before last frost or plant seeds directly in garden. Winter squash may be grown in larger containers, but the vines and squash may need to be trellised or supported as they grow outside of the container.4 Vines will begin to die off as the squash reaches harvest time.



Carnival Squash

Selection

Select winter squash that are firm, have dull-colored skin, and feel heavy for the size. Squash with cracks or brown or soft spots should be avoided. Part of the stem should be intact for optimal storage.5

Storage

Winter squash can be stored from 1 week to 6 months depending on the variety and storage conditions. Store winter squash in a dark area, with good ventilation, between 50-60°F for ideal storage conditions. Remove soil prior to storage and leave stem on. Once the squash is cut, wrap and store in the refrigerator for 1-2 days.5

Cooking

Bake. Peel and cube or slice squash in half and scoop out seeds. On a foil-lined baking dish, place halved squash cut-side down or evenly arrange cubed squash. Cover and bake whole squash at 350°F for 45 minutes or until tender. Bake cubed squash at 350°F for 20-25 minutes.

Boil or Steam. Keep whole or cut squash into quarters or cubes and remove the skin and seeds. To boil squash whole, pierce skin with fork, cover, and boil for 1 hour. To steam or boil cubed squash, place slices into pan of boiling water or steam basket for 10-15 minutes or until tender.

Microwave. Peel and cube squash or slice squash in half and remove seeds. Place cubes or halves in a microwavesafe dish with 2-3 tablespoons water. Microwave on high for 5-8 minutes for cubes or 8-12 minutes for halves. To soften thick or hard rinds before cutting or peeling, poke holes in rind with fork, and microwave for 2-5 minutes. Remove from microwave, and allow to rest for 1-2 minutes until cool enough to handle.

Preserve. For more information on preserving winter squash, read MontGuides Home-canning Pressures and Processing Times and Freezing Vegetables. Visit www. msuextension.org/nutrition and click on the food preservation link or contact your Extension office to find the guide.

Puree, Roast or bake squash, Scoop squash from skin and puree squash to a smooth consistency. It can be added to soup, breads, muffins, or custards.

Montana Harvest of the Month: Winter Squash 1

Roast. Peel and cube squash. Place on baking sheet and drizzle with olive oil and low-sodium seasoning. Bake at 350°F for 45 minutes or until tender.

Roast Seeds. Remove seeds and rinse thoroughly to remove strings or parts of the squash. Drizzle with olive oil and low-sodium seasoning before placing evenly on a baking sheet. Cook at 300°F for 10-15 minutes. Stir periodically for even roasting.

Sauté. Peel and grate or cube squash. Heat pan to high, add butter or oil to coat bottom of pan and add squash. Sauté 15-25 minutes, or until tender

Season. To enhance flavor, season with allspice, basil, cinnamon, cloves, ginger, marjoram, or nutmeg.6

Adapted from the Winter Squash Food Fact Sheet developed by Montana State University Extension. For the full fact sheet and other resources visit: www.msuextension.org/nutrit

Nutrition Information

Winter squash is loaded with vitamins A and C and provides approximately the same amount of potassium as bananas! It is also a source of vitamin B-6, magnesium. iron, and calcium. Beta-carotene which is found in many orange colored vegetables, including winter squash, turns into vitamin A. Vitamin A helps maintain good vision and keeps skin healthy.7,8

Recipes

Winter Squash and Kale Quesadillas

These are a delicious, easy for lunch or dinner, and can contain ground beef or shredded chicken for additional protein and a heartier meal

Developed by: Jessica Manly FoodCorps Service Member

Servings

Ingredients

1/2 whole winter squash, peeled, seeded, and diced 3 Tbsp 1 tsp canola oil

1/2 tsp kosher salt

Black pepper, to taste

1/4 tsp chili powder, more to taste

1 bunch kale, leaves torn, stalks discarded

8 flour or corn tortillas, small faiita sized, flour tortillas are sturdier

2 cups Monterey Jack or Cheddar Cheese, grated Salsa, avocado, hot sauce, or other toppings for servings

- 1. Heat 2 Tbsp oil in a large skillet over high heat.
- 2. Add squash and sprinkle with salt, pepper, and chili powder. Cook for several minutes, turning gently with a spatula, until squash is deep golden brown and tender (but not falling apart). Move to a plate and set aside.
- 3. In the same skillet, heat 1 tablespoon of butter or oil over medium-high heat and add in the kale. Toss it around with tongs and cook it for 3-4 minutes. Add in the cooked squash and gently toss together. Set aside.
- 4. In a separate skillet, heat a teaspoon of oil or butter and lightly brown both sides of the 8 tortillas. Build the quesadillas one by one by adding a layer of cheese topped with a layer of the squash/kale mixture on half of the tortilla and then folding it over.
- 5. When the cheese is melted, flip to the other side for a minute or two and then remove from the skillet, and cut in half or thirds. Serve with salsa, avocado...or any sides you'd like!

Simply Delicious Roasted Butternut Squash

Get creative with the seasonings in this recipe to match your meal. Try cumin and mild chili powder for Mexican flavor, or drizzle with maple syrup for a fall treat.

Developed by: Emma Fernandez, FoodCorps Service Member

Servings

6 servings (depending on size of squash)

Ingredients

1 Butternut squash - peeled, seeded, and cut into cubes

2 Tbsp olive oil

2 cloves garlic, minced

Salt and ground black pepper to taste

Optional: drizzle with honey, or sprinkle with dried rosemary, or create your own flavor combination

Preparation

- 1. Preheat oven to 400°F.
- 2. Toss butternut squash with olive oil and garlic in a large bowl. Season with salt and black pepper (and honey and rosemary or other seasons if using). Arrange coated squash on a baking sheet.
- 3. Roast in the preheated oven until squash is tender and lightly browned, stirring once, 25-30 minutes.

Harvest of the Month at Home



-Main (tap) root





Leafy Greens

Did you know?

- While there are hundreds of varieties of lettuce, there are four main types: butterhead (e.g., Boston, bibb), crisphead (iceberg), looseleaf (e.g., red leaf, green leaf), and romaine.1
- The average American eats about 30 pounds of lettuce every year. That's about five times more than in the early 1900s.
- Salad greens may be one of the oldest known vegetables. There are pictures of wild forms of lettuce in Egyptian tomb paintings and written accounts of lettuce that date back to 79 A.D.1
- Leafy greens are not a large part of Montana's agricultural landscape. Produce such as lettuce, spinach, collards, and chard only amount to about 13 acres of farmland across the state. However, they are easy to find at farmers markets and are great vegetables for gardens.2
- While leafy greens have different nutritional profiles, most greens are sources of folate, vitamin A, vitamin C, calcium, and potassium. Most greens are also provide vitamin K. which helps the body stop cuts and scrapes from bleeding too much and starts the healing process.1

Greens in the Garden

Greens are perfect for growing in gardens! Most greens (especially spinach) are guick growing, frost-tolerant, and generally easy to grow. Plant seeds directly in your garden 4-6 weeks before the last frost (be sure to read your seed packet for specifics on each variety). Lettuce can be planted in succession every two weeks to ensure a steady supply throughout the growing season.3 Most greens are suitable for container gardens.

Buying tips

Buy greens as fresh as possible. Avoid greens that have brown, yellow, spotted, wilted, or slimy leaves. Store greens in a plastic bag in the refrigerator for 2-5 days.1

Cooking

Prior to preparing, wash greens thoroughly in running water to remove any soil. Greens aren't just for salad. Add collards, chard, kale, and spinach to entrees, pasta dishes, and soups, or braise and showcase the leafy green goodness. To braise, cut large greens and keep small greens whole. Remove dried or thick stems. Drizzle cooking oil in a heated pan, add lowsodium seasonings if desired. Cook greens over low heat for about 10-20 minutes, or until desired tenderness is reached.4

Recipes

This salad is an easy and fun recipe for students to help prepare for any occasion! Experiment with different types of greens, or mix them for more colors and flavors!

Developed by: Kirsten Gerbatsch, FoodCorps service member

Servings

8-10

Inaredients

- 1 lb any type of salad greens or mixed greens
- 1/2 cup carrots, thinly sliced
- 1 cup dried cherries or cranberries
- 1 cup walnuts, chopped
- 1/3 cup balsamic vinegar
- 1/2 cup olive oil
- 2 Tbsp Dijon mustard
- 1 Tbsp honey

Preparation

- 1. Place greens, carrots, cranberries, and walnuts into a large mixing bowl.
- 2. In a small bowl, add balsamic vinegar, olive oil, mustard, and honey. Whisk ingredients together using a fork or whisk until smooth and evenly mixed.
- 3. Right before serving, pour dressing over the salad in the large mixing bowl. Gently toss the salad to coat all the ingredients.



Photo Credit: Neice Dahlseid

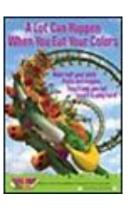
Upcoming Opportunities

Get Resources

Become a Team Nutrition School

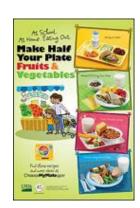
https://www.fns.usda.gov/tn/join-team-become-team-nutrition-school











Upcoming Opportunities

- HOM Taste Test Competition
 - Student led
 - 3, \$100 prizes
 - Taste tests conducted Jan Apr
 - Submission Deadline: May 4
- The Great HOM Cook-off
 - Chili & Cinnamon Rolls feat. HOM foods
 - 3, \$100 prizes
 - March 19-23
 - Submission Deadline: March 31





Celebrate Farm to School Month throughout Montana!



Join preschools, schools, colleges and individuals across Montana in celebrating Food Day and National Farm to School Month by crunching into locally and regionally grown apples on

October 24th at 2:00pm MST.

For more information about Montana Crunch Time, to register and receive your guide, visit

montana.edu/ mtfarmtoschool

Be sure to collect a "crunch byte" (video, photos, or audio) to share!



















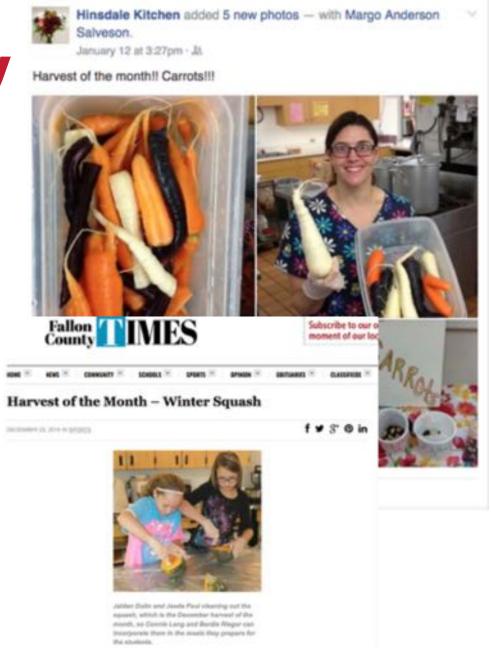




September 13-14, 2018 Missoula, Montana www.montana.edu/mtfarmtoschool/summit.html

Share Your Story

- Share your challenges, successes, ideas.
 - <u>aubree.roth@montana.edu</u>
 - Share Your Story Form
- Social media: #MTHarvestoftheMonth
- Montana Farm to School Facebook Page
- Use USDA Photo Releases for photos
- Local news media



Ready to Dig In?

MT Harvest of the Month

www.montana.edu/mtharvestofthemonth



Montana Farm to School

www.montana.edu/mtfarmtoschool

Montana Farm to School Facebook

https://www.facebook.com/montanafarmtoschool



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