

# Apples

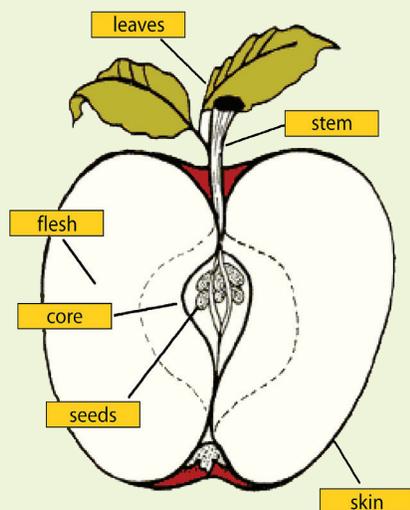


## Did You Know

- The wild ancestors of apples grow in the mountains of central Asia.
- There are over 7,500 varieties of apples grown worldwide and 2,500 are grown in the US. However, only a handful of varieties are commonly found in grocery stores today. Check out Orange Pippin online for listings and descriptions of apple varieties ([www.orangeippin.com](http://www.orangeippin.com)).
- Apples were brought to the United States in the 17th century.
- The Bitterroot Valley and other areas in the western and south central part of Montana are the largest apple producing areas in the state.
- Apples are a good source of fiber and contain vitamins and minerals such as vitamin C and potassium. Most of the apple's nutrients are located just below the skin and are removed when peeled. Potassium is an electrolyte and is needed for many functions in the body, including the electrical activity of the heart.

## Grow Your Own

Planting the seed from your favorite apple variety will not grow that same variety and will likely produce apples that are bitter. To get a desired variety of apple (such as Sweet Sixteen), the trees have to be grafted. This means taking a branch from the desired variety and attaching it to a root to form a new tree. Growing apples requires planting more than one variety of tree to ensure pollination. Purchase one-year-old trees of different varieties that possess multiple branches and are certified to be disease resistant, especially to Fire Blight. Plant in early spring, allowing 35-45 feet of growth space for standard-size apple trees, less for dwarf varieties.



## Buying Tips

Choose firm, shiny, smooth-skinned apples with intact stems. Apples should smell fresh, not musty. Remove apples with bruises or rot from the bag or container so they do not spoil the other apples. Refrigerate apples in a plastic bag, away from strong-smelling food. Store away from other fruits, as apples naturally produce ethylene, which may cause other fruits to prematurely ripen. Eat within three weeks. Prevent cut apples from browning by dipping them in lemon juice.

## Cooking

"Branch out" and try a different way of cooking and eating apples! Try baking larger apples by removing the core with a knife, leaving 1/2 inch of the apple core intact at the bottom. Put a small amount of seasoning in the hole. Place apples in a baking pan and add 3/4 cup water to the pan. Bake at 375°F for 30-40 minutes or until desired tenderness is achieved.

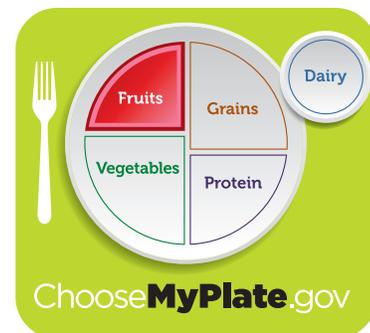
## Book Nook

*Apples*, by Gail Gibbons  
*Applesauce Season*, by Eden Ross Lipson  
*How do Apples Grow?*, by Betsy Maestro  
*How to Make an Apple Pie and See the World*, by Marjorie Priceman



## Dig Deeper

For sources and photo credits along with more recipes, lessons, quick activities, resources, and guides, visit:  
[www.montana.edu/mtharvestofthemonth](http://www.montana.edu/mtharvestofthemonth).



## Recipes

### Easy Applesauce

Get kids involved in mashing apples for a fun and easy treat.

Source: Harvest for Healthy Kids ([www.harvestforhealthykids.org](http://www.harvestforhealthykids.org))

#### Servings

4-6

#### Ingredients

4 medium apples  
1 cup water  
1/4 tsp cinnamon  
1/8 tsp nutmeg

#### Preparation

1. Peel and slice apples, removing the core. Leaving the peel on will result in chunkier applesauce and will retain more nutrients and color.
2. Place in pot.
3. Add water, cinnamon, and nutmeg.
4. Bring to a boil and let simmer until mushy.
5. Let children use a masher to mash up the apples into a sauce.
6. Set aside and let cool.
7. Serve warm or chilled.

### Apple 'N Cabbage Slaw

Serve as a tasty side dish or as a colorful addition to sandwiches!

Source: Picture the Recipe (<http://picturetherecipe.com>)

#### Servings

4

#### Ingredients

2 cups red cabbage

- 1 cup green cabbage or lettuce  
1 1/2 apples (*recommended: golden variety*)  
2 carrots (*about 1 cup*)  
3 green onions  
1-2 Tbsp of cilantro or more to taste  
2 Tbsp oil  
2 Tbsp honey  
2 Tbsp apple cider vinegar  
Juice of one lime (*about 1 Tbsp*)  
Salt & pepper to taste  
Optional: Dash of cayenne

#### Preparation

1. Shred the cabbage into fine strips. Measure cabbage or lettuce and add to a large mixing bowl.
2. Grate the carrots using a big holed grater and add to the bowl along with sliced green onions.
3. Finely chop a small handful of cilantro and add it to the salad mix.
4. Lastly, cut the apples into thin match-stick pieces and add it to the salad. Don't cut the apples until you're ready to dress the salad since they will turn brown. Toss everything together well.
5. For the dressing start with the salad oil in a jar or a bowl.
6. Add the honey, apple cider, lime juice, salt, pepper, and a light dusting of cayenne to the oil.
7. Put the lid on and shake the dressing (if you're using a bowl simply whisk it with a fork) until the oil and other liquids are mixed well.
8. Drizzle over the salad and toss well until everything is coated in the dressing.
9. Serve chilled.

## 2 Montana Harvest of the Month: Apples



The Montana Harvest of the Month program showcases Montana grown foods in Montana schools and communities. This program is a collaboration between the Office of Public Instruction, Montana Team Nutrition Program, the National Center for Appropriate Technology, Montana State University Extension, Gallatin Valley Farm to School, and FoodCorps Montana. More information and resources are available at: [www.montana.edu/mtharvestofthemonth](http://www.montana.edu/mtharvestofthemonth).

Funds were provided in part by a USDA Team Nutrition Training grant, a USDA Farm to School grant, Montana Healthcare Foundation, Northern Pulse Growers Association, Montana Department of Public Health and Human Services, and Montana School Nutrition Association. USDA is an equal opportunity provider and employer. The Montana State University Extension Service is an ADA/EO/AA/Veteran's Preference Employer and Provider of Educational Outreach. This publication was supported by the Grants or Cooperative Agreements Numbers, 6 U58DP004818-03-01 & 5 U58DP004818-03-00, and funded by the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention or the DPHHS.