



## Downside-Up Pineapple Smoothies

By Erin Fletter

**Prep Time** 5 / **Cook Time** / **Serves** 4 - 6

### Fun-Da-Mentals Kitchen Skills

**measure:** to calculate the specific amount of an ingredient required using a measuring tool (like measuring cups or spoons).

**knife skills:** Bear Claw (growl), Pinch, Plank, and Bridge (look out for trolls) and Rock and Saw.

**blend:** to stir together two or more ingredients until just combined; blending is a gentler process than mixing.

**chop:** to cut something into small, rough pieces using a blade.

### Equipment

- Blender (or pitcher + immersion blender)
- Can opener
- Liquid measuring cup
- Measuring spoons

### Ingredients

#### Downside-Up Pineapple Smoothies

- 1 1/2 20-oz cans pineapple rings **\*\***(for PINEAPPLE ALLERGY sub 1 1/2 C chopped banana, papaya, mango, or kiwi fruit)**\*\***
- 2 C canned full-fat coconut milk (save cream at top of can for coconut cream recipe, if making)
- 1 tsp pure vanilla extract **\*\***(for GLUTEN ALLERGY use certified gluten-free pure vanilla extract, not imitation vanilla flavor—check label)**\*\***
- brown sugar, honey, maple syrup, or stevia, to taste

☐ 1 C ice, optional

## Food Allergen Substitutions

### Downside-Up Pineapple Smoothies

**Pineapple:** For 1 1/2 20-oz cans pineapple rings, substitute 1 1/2 C chopped banana, papaya, mango, or kiwi fruit)

**Gluten/Wheat:** Use certified gluten-free pure vanilla extract, not imitation vanilla flavor.

## Instructions

### Downside-Up Pineapple Smoothies

#### chop + measure

Have kids chop **1 1/2 cans of pineapple rings** and add the chopped pineapple to a blender (or pitcher for use with an immersion blender). Then, measure and add **2 cups coconut milk, 1 teaspoon vanilla extract, brown sugar or other sweetener to taste, and 1 cup ice.**

#### blend + enjoy

Blend until smooth and enjoy!

## Featured Ingredient: Pineapple!

Hi! I'm Pineapple!

"When you see me, you can't help but think of a tropical paradise! I'm Pineapple, possibly the queen of tropical flavors—I even wear a crown! Of leaves, that is. Try slicing me and making a pineapple upside-down cake, or grill me to serve with pork or seafood. Also, I pair well with another tropical favorite, Coconut, in salads, desserts, and drinks!"

### History & Etymology

Pineapple is one of the world's favorite tropical fruits. The wild pineapple plant is native to South America, originating in a river drainage area between southern Brazil and Paraguay. There is evidence that indigenous people cultivated and used it in Peru as early as 1200 to 800 BCE. The Aztecs and Mayas grew it in Mexico sometime between 200 BCE and 700 CE.

Spanish and Portuguese explorers eventually discovered pineapple and introduced it to European and other countries in the east. In 1493, during Columbus' exploration of the Caribbean Islands, he came across pineapples growing on the island of Guadalupe.

The Spanish may have introduced the pineapple to Hawaii. Today, one-third of the world's pineapple comes

from Hawaii.

The botanical name for pineapple is "Ananas comosus." It was called "anas" by an indigenous South American people. European explorers may have called it pineapple because of its resemblance to the pine cone. The English word "pineapple" was first written down in the 17th century. Several languages still have the word "anas" for pineapple.

## Anatomy

Pineapples are the only edible members of the bromeliad family of plants.

The pineapple is not a single fruit but a multiple or collective fruit, with a cluster of 100 to 200 tiny fruitlets or berries.

A pineapple plant produces only one pineapple. The fruit grows slowly and can take up to two years to reach full size.

Unripe pineapples are incredibly sour and can be quite toxic. Pineapples do not ripen after harvesting, but they might turn more yellow if they were green.

You can grow a pineapple at home! If you want to give it a try, twist off the crown of a store-bought pineapple, allow it to dry for a few days, and then plant it.

## How to Pick, Buy, & Eat

Bromelain, an enzyme in pineapples, breaks down proteins, which means you can use pineapple or pineapple juice as a meat tenderizer. For this reason, you can't add fresh pineapple to jelly or jello because it will break down the gelatin. To prevent this, you can boil pineapple chunks in their juice or use canned pineapple, which was heated during the canning process.

If you find yourself on a sailing trip in the tropics without any powdered cleanser, you could use pineapple juice mixed with sand instead.

## Nutrition

Pineapples are good for you! They are an excellent source of vitamin C, which aids the body's immune system and wound healing, and manganese, which assists with bone formation and nutrient metabolism. In addition, the pineapple's natural enzymes help you digest all of your food!