



# What Do We Get From Trees?

For centuries people saw trees only as lumber or firewood. In the process of making the lumber, they would discard the sawdust, bark and wood scraps.

Eventually, scientists studied the structure of trees and discovered that all parts of a tree, big or small, have an abundance of valuable chemicals. The forest products industry used this research to create new products. Trees are now used in thousands of common consumer items that play a vital part in improving your health and your everyday life.

How tree derivatives are used to make products...

## **Fruits & Nuts**

Fruit from trees such as apples and peaches, as well as nuts from trees such as pecans, are all favorite products grown on Georgia trees.

## **Baseball bats**

The white ash tree is a hardwood that is used to make baseball bats.

## **Candles**

Tree gum can be used to make candles.

## **Clothing**

Cellulose is used to produce rayon and acetate which can be used to make a vast array of clothing such as ties, shirts, dresses, and suits.

## **Combs**

Wood pulp & cellulose can be used to make plastics such as combs.

## **Cough syrup**

Cough syrups and other liquid oral medicines are often thickened by cellulose products to create an even-flowing consistency.

## **Crayons**

Gum extracted from trees can help make crayons.

## **Eyeglass frames**

Cellulose wood fibers are dissolved and can then be formed into molded articles like eyeglass frames.

## **Football helmets**

Ethyl cellulose is responsible for making hard-impact resistant plastics found in football helmets.

## **Gum**

Gum and synthesized essential oils from trees can be used to make chewing gum.

## **Lipstick**

Cellulose gives lipstick its easy application.

## **Make-up**

Make-up can get its creamy texture from the tree derivative, cellulose.

## **Maple syrup**

Tree sap is used to make syrup.

## **Milk cartons**

Milk cartons can be made from pulpwood.

## **Nail polish**

Nail polish contains nitrocellulose, making the polish glossy when it dries.

## **Newspaper**

Pulpwood is used to make newspaper, wrapping paper, book paper, and wallpaper.

## **Paint**

Methylcellulose, a product made from cellulose, gives paints their thick consistency.

## **Parmesan cheese**

Cellulose powder can be used to help keep canned grated parmesan cheese from caking together.

## **Pencils**

Tree logs are used to make pencils.

## **Perfume**

Tree bark is used to make tall oil, which cosmetic companies can use to make perfumes.

## **Shampoo**

Methylcellulose can be used to thicken shampoo and conditioner. Without it, they would just be soapy water.

## **Sponges**

Cellulose is broken down into chemicals that can be used to make sponges.

## **Tires**

Tree-produced chemicals can be used for making the synthetic rubber found in tires.

## **Toilet tissue**

Wood pulp is used to make paper products such as toilet tissue, paper towels, napkins, and facial tissue.

## **Toothpaste**

Cellulose can be used in toothpaste to give it a paste-like consistency.