

Walnut meat isn't the only part of the walnut fit for human consumption. Walnut oils are used in cosmetics, and the shells are used in many abrasives for sandblasting roads and cleaning engines. Shells are also used in the production of sand paper, snow tires and pet litter.

Adapted from California Foundation for Agriculture in the Classroom

More than 5,000 products are made from trees. One is rayon, a silk like fabric that was the first manufactured fiber. It's made from cellulose acetate, which comes from wood pulp. The cellulose is dissolved by chemicals, forced through tiny holes in a metal spinneret, and then twisted into silky yarn.

Adapted from California Foundation for Agriculture in the Classroom

According to the National Corn Growers Association, there is a use for every part of the cornstalk-husks, kernels, and even the water that kernels are processed in. Many “packing peanuts” are nearly 100% corn. They dissolve in water, making them environmentally friendly.

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Soybeans used in the production of tofu, also make great crayons. Prang Fun Pro makes a crayon that is 85% soybean oil. It took a team of chemists and product developers two years to bring this unique crayon to consumers. One acre of soybeans can make 82,368 crayons!

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Wool from sheep contains lanolin, which helps the wool repel water. During processing, the lanolin is removed from the wool for use as a moisturizer in many soaps, facial creams and lotions.

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According to The Chile Pepper Institute, capsaicinoids (the chemical that makes chile peppers hot) is used in muscle patches and liniments for aching muscles or arthritis pain. Pepper sprays used as an irritant weapon are also made from the capsaicinoids. The color extracted from very red chile pepper pods, oleoresin, is used as a food based dye. It is useful in dyeing cosmetics, foods, and clothing. Some of these by-products include lipstick, pepperoni, and even mayonnaise!

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