



# Wow, That Cow!



## Where's the Beef? Beef By-Products

The word "beef" makes you think of meat like hamburgers and steak. But there are many other things made from beef animals that you use every day. By-products are items made from parts not used for meat. Very little of a beef animal is wasted. Some by-products are edible, like gelatin from hooves used in marshmallows. Others are inedible, like leather from hides used in baseballs. Some are used in medicine, like insulin from organs. You probably use at least one beef by-product every day!

**FROM BONES**

- refined sugar
- Charcoal
- Fertilizer
- Glass

**FROM MANURE**

- Fertilizer
- Nitrogen
- Phosphorous

**FROM HAIR**

- Air filters
- Brushes
- Felt
- Insulation
- Plaster
- Textiles

**FROM BRAIN**

- Anti aging cream medicines

**FROM INTERNAL ORGANS**

- Instrument strings
- Tennis racket strings
- Hormones enzymes and other medical material

**FROM BLOOD**

- Pasta
- Cake mixes
- Dyes and inks
- Adhesives
- Minerals
- Medicines
- Laboratory research

**FROM FAT**

- Chewing gum
- Candles
- Detergents
- Fabric softener
- Deoderant
- Shaving cream
- Perfume
- Pet food
- Cosmetics
- Creams and lotions
- Crayons
- Paint



## Everything but the MOO!

The beef industry strives to maximize sustainability. As you can see here, beef goes farther than the plate.

Cattle by-products contribute to many of the items you use in your home. We like to say we use “everything but the moo.”

