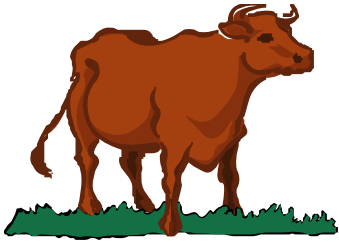


Beef—It's What's for Dinner (and much more!)



Cattle are raised primarily for meat and milk. These are considered *principal products*. The average beef animal weighs 1200 pounds and provides approximately 520 pounds of beef. Many other by-products come from cattle. These by-products are considered *secondary products*. Here's a list of some of the things we use nearly everyday.

Principal Products:

Meats: steaks
roast
ground beef
liver
corned beef
pastrami

Organs: livers
hearts
tongues
kidneys

Secondary Products:

Edible:

Gelatin from bones used in:
jello
yogurt
jelly
marshmallows
gummy candies
soft-shell medicine capsules
mayonnaise

Vitamins and minerals naturally found in beef:
vitamin B¹²
calcium
iron
zinc
protein

Plasma protein from blood used in:
cake mixes
deep-fry batters
pasta
imitation seafood

Fatty acid-base from fats used in:
chewing gum
oleo margarine
oleo shortening

Inedible:

Intestines used in:
tennis racquet strings
instrument strings

Fats and fatty acids used in:
cosmetics
detergent
cellophane
floor wax
deodorants
pet foods
livestock feeds
candles
insecticides
crayons
soap
shaving cream
perfumes
brake fluid
antifreeze

Fats and fatty acids (continued):
plastics
trees
linoleum
floor wax
shoe polish
paint
ceramics

Gelatin made from bones used in:
photographic film
film binder
crispness for bank notes
paper and cardboard glues
emery boards
glues
hemostatic sponges
biological adhesives
adhesive bandages
high gloss for magazines

Hooves and horns used in:
imitation tortoise shell barrettes
and combs
imitation ivory
piano keys
pet chews
decorative items such as horns

Hair used in:
artists' expensive paintbrushes
felt for weather stripping

Hide used as leather or suede in:
upholstery
luggage
clothing
gloves
wallets
purses
boots and shoes
athletic shoes
basketballs
baseball mitts

Blood factors used for:
Treatment of hemophilia

Research uses including:
bioactive peptides
immuno-chemicals
tissue culture medium

Organs:
pancreas—insulin for diabetics
adrenal glands—epinephrin
(adrenalin) to treat allergic
shock, allergies
pituitary glands—ACTH
(adrenocorticotropic
hormone) to treat allergic
diseases

