

# Everything But the Cluck

## By-Products from Chickens

### From Egg Shells...

- Cleaning applications
- Soil amendment

### From Feet and Skin...

- Collagen
- Gelatin

### From Comb...

- Hyaluronic acid

### From Feathers...

- Pillow stuffing
- Insulation
- Upholstery padding
- Paper
- Biodegradable plastics
- Feather meal

### From Fat...

- Livestock feed
- Biodiesel



### CUTS of CHICKEN

### From Blood...

- Industrial adhesives
- Stabilizers/fixing agents
- Clearing agents

### From Intestines...

- Bows and strings for musical instruments
- Sausage casings

### From Shell Membrane...

- Glucosamine
- Chondroitin
- Hyaluronic acid
- Absorbent

### From Excreta...

- Fertilizer
- Animal Feed
- Biogas, fuel and electricity

*So many products come from chickens that we really do use everything but the cluck!*