

Everything But the Oink

The hog is serving essential human needs every day. From the safe and high-quality product on your plate to a medical lifesaving device and everything in between no other animal provides society with a wider range of products than the hog.

Co-products from hogs play a vital though less visible role in maintaining and improving the quality of human life. Thanks to innovative research and new technologies, new and different co-products from hogs are constantly being developed.

Insulin from hogs is used in the treatment of diabetes. Hog heart valves are used to replace damaged or diseased human heart valves. Skin from hogs is used to treat severe burn victims.

The amazing utility of the hog has motivated the saying, “We use everything but the oink.”

A viable animal agriculture not only provides an abundant supply of vital nutrients found in meat, but is also a ready source of essential and useful co-products that people depend on so extensively.



DID you know?

Hog heart valves, specially preserved and treated, are surgically implanted in humans to replace heart valves weakened by disease or injury. Since the first operation in 1971, thousands of hog heart valves have been successfully implanted in human recipients of all ages.

Everything But the Oink

Pharmaceutical Co-Products



Pharmaceuticals rank second only to meat itself in the important contributions hogs make to society. Rapidly advancing science and technology are continually adding to the list of life-supporting and lifesaving products derived from the incredible hog.

Hogs are powerful medicine: All told, hogs are a source of nearly 20 drugs and pharmaceuticals.

Adrenal Glands Corticosteroids Cortisone Epinephrine Norepinephrine	Heart Heart Valves	Kallikrein Glucagon Lipase Pancreatin Trypsin Chymotrypsin	Skin Porcine Burn Dressings Gelatin
Blood Blood Albumens Blood Fibrin Fetal Pig Plasma Plasmin	Intestines Enterogastrone Heparin Secretin	Pineal Gland Melatonin	Spleen Splenic Fluid
Brain Cholesterol Hypothalamus	Liver Cholic Acid Catalase Desiccated Liver	Pituitary Gland ACTH - Adrenocorticotropic Hormone ADH - Antidiuretic Hormone Oxytocin Prolactin TSH - Thyroid Stimulating Hormone	Stomach Pepsin Mucin Intrinsic Factor
Gall Bladder Chenodeoxycholic Acid	Ovaries Estrogens Progesterone Relaxin		Thyroid Gland Thyroxin Calcitonin Thyrogloblin
	Pancreas Gland Insulin		

Industrial Co-Products

Hogs also make a very significant contribution to the world of industrial and consumer products. Hog co-products are sources of chemicals used in the manufacture of a wide range of products that cannot be duplicated by syntheses. And, of course, pigskin is used extensively as high-quality leather for clothing, shoes, handbags, sporting goods, upholstery and more.

Blood Sticking Agent Leather Treating Agents Plywood Adhesive Protein Source in Feeds Fabric Printing & Dyeing	Bones & Skin Glue Pigskin Garments Gloves & Shoes	Gall Stones Ornaments	Rubber Cosmetics Antifreeze Nitroglycerine Plastics Plasticizers Printing Rollers Cellophane Floor Waxes Waterproofing Agents Cement Fiber Softeners Crayons Chalk	Phonograph Records Matches Putty Paper Sizing Insulation Linoleum
Brains Cholesterol	Dried Bones Buttons Bone China Bone Meal Mineral Source in Feed Fertilizer Porcelain Enamel Glass Water Filters	Hair Artist's Brushes Insulation Upholstery		
		Meat Scraps Commercial Feeds Pet food		
		Fatty Acids & Glycerine Insecticides Weed Killers Lubricants Oil Polishes		