



Francis Goring is a Trojan corn researcher from Windfall, Indiana. Here he manipulates his specially modified one-row corn picker through

a row of one of the 52 varieties planted on the Charles Cassel farm, Lititz.



Eugene Hoover, Lititz, local Trojan seedman, proudly displays a brim-full handful of his company's

product, grown for testing on the Charles Cassel farm just outside Lititz.

YOUR AMAZING SKIN

It's the body's largest organ—one of the most ingenious collections of "equipment" on the face of the earth—yet few people really know how the skin works,

why skin problems arise, or what to do about them.

If you're like most people, you have about 17 square feet of skin, which weighs a little more than six pounds. Its thickness ranges from 1/8th to 1/32nd of an inch.

The skin has between two and three million sweat glands. Many people think that these glands put out visible perspiration only when the body needs to be cooled, but actually the process is more complex. Most of us are probably always sweating. Scientists call it "imperceptible perspiration" which cannot be readily seen. We also sweat in reaction to emotional situations, like

anger or fear or excitement. Sweating caused by high environmental temperatures is more familiar to most of us. When the temperature is high enough, blood in the skin becomes heated and heads for the temperature-regulation center in the brain. There a message is sent to the skin: increase perspiration. And increase it does as the sweat glands go into action. The process is continuous, even though we aren't always aware of it. Even during the cooler months, the sweat glands perspire about a quart a day.

In addition to temperature regulation, the skin performs a variety of other useful functions. Most people, for example, have heard that the top layer of skin is made up of dead cells. But less

well known is the great value of these dead cells. They can't be easily infected and therefore serve as an invaluable shield against bacteria, viruses and other threats to health.

Another little known skin function is performed by highly specialized cells in the skin that produce a pigment—melanin—which is responsible for darkening the skin. Oddly, though many people believe that this darkening is entirely responsible for increasing the body's resistance to the sun, the thickening of the skin is also responsible. In fact, a thick skin is an excellent defense against sunburn and for good reason. Prominent dermatologists maintain that sun can cause premature skin aging. They also blame dry, coarse and leathery appearance of the skin, pigimentary changes and wrinkling on too much exposure to the sun.

Many people find themselves at a loss because of another skin problem—dandruff. This disease is caused by excessive secretion of the skin's oil-producing glands. Physicians blame it on a variety of reasons: constitutional predispositions, infections, or changes in the behavior of internal glands, but

many agree that the treatments should include proper rest, exercise and hygiene and a thorough hair cleaning

at least once a week with a good anti-dandruff shampoo containing pyrithione zinc.

ELECTRIC FENCE CONTROLLER REPAIRS
 Authorized Factory Service on Most Shockers
REPAIR THEM NOW
Glenn M. Hoover
 Leola RD1, Oregon Pike 17540
 656-8020
 Manufacturers of Kafstals, Veal Stalls, Bale Wagons

"ATTENTION"
DAIRYMEN'S SUPER SPECIALS
"MAES INFLATIONS" 95¢ EACH
 AMT. OF 24-Post Paid, Cash w/order.
 FITS SURGE, JET-FLO, BOUMATIC, DELAVAL
 Fly Sprays, Foggers, Cattle Dust Bags, Silage Preservative, Mineral Feeders, Farm Gates, Hog Feeders, Heated Waterers.
ZIMMERMAN'S Animal Health Supply
 R.D.#4, Lititz, Pa. 17543 Phone 717-733-4466
 3 miles W. of Ephrata along WOODCORN ROAD

DARI-KOOL
Bou-Matic
MILKERS
 FROM
BOU-MATIC TECHNOLOGY



- Automatic Polygon Systems**
- * Namely Carousels
 - * 3 13 & 38 Stall Rotary
 - * Bucket Systems
 - * Around the Barn Pipeline
 - * Stainless Steel or Glass Automatic Herringbone Parlors
 - * Conventional Herringbone Parlors
 - * Automatic Side Open Stalls
 - * Conventional Side Open Stalls
 - * Large and Small Vacuum Pumps
 - * Polygon 4 5 & 6 Stall Parlors
 - * The Only True Automatic Take Off Teat Cup Detachers

PLANNING — INSTALLATION SERVICE
SHENK'S FARM SERVICE
 R.D.4, LITITZ, PA. PHONE 626-4355

Hear Ye! Hear Ye!

6 Ft. Porcelain Big Dutchman Waterer with Float.
\$7.95

HERSHEY EQUIPMENT Co., Inc.
 215 Diller Avenue New Holland, Pa.
 Phone (717) 354-4576 or (717) 872-5111
 AUTHORIZED **Big Dutchman** DISTRIBUTOR