

Water Conservation Reduces Pollution

NEWARK, Del. — For survival, the average person needs only about 2½ quarts of water a day. The average Delaware resident uses 75 to 100 gallons!

"Most of us take for granted that an unlimited supply of clean water will always be available," said University of Delaware Extension water quality specialist Tom Williams. "However, increasing development throughout the area is beginning to strain our precious water resources.

"People are beginning to realize that clean water is not drawn from a bottomless well. There are limits to how long water supplies can be overused or abused before giving out altogether," Williams said.

Williams says individuals can make a difference. "You may think that you're just a drop in the bucket, but if every Delawarean reduced personal daily usage by just a single gallon, it would amount to a statewide savings of about 240 million gallons annually," he said.

An individual savings of one gallon a day, and even many times that amount is possible to achieve without making any real sacrifices, Williams said.

University of Delaware Cooperative Extension and the New Castle County Conservation District have each published a series of pamphlets providing practical suggestions for the individual.

"Water Conservation," a pamphlet in the New Castle County Conservation District's Clean Water series, suggests practical ways for individuals to conserve water in the home.

First, check for leaks. A leaky faucet or toilet may seem to be nothing more than an annoyance, but in reality they are major sources of waste. A leaking faucet can waste 20 gallons of water a day; a leaking toilet, 100 gallons a day. Combined, these problems could amount to a loss of more than 40,000 gallons of water a year from a single home.

To check for leaks, turn off everything in the house that uses water. Record the reading on your

water meter. Wait 20 minutes and then recheck the meter. If the reading changed, you have a leak.

While a dripping faucet makes itself known by the telltale noise, a leaky toilet is often silent. To check your toilet for leakage, drop food coloring into the tank. If after a few minutes the color appears in the bowl, you have a leak.

Install water-efficient fixtures and appliances or retrofit existing ones with water-saving devices. Conventional fixtures and appliances use tremendous quantities of water. A conventional toilet, for example, uses 5 to 7 gallons per flush while new low-consumption toilets use as little as 1.6 gallons.

If you can't afford a new toilet, place a quart plastic bottle with sand or pebbles for weight in your toilet tank. Do not use bricks since they can break apart and cause damage. By reducing the amount of water flowing into the tank, this will save many gallons a day.

Installing a low-flow showerhead that costs about \$10 can reduce water flow by 50 to 75 percent without changing the way you shower. Installing aerators on your household faucet can also result in substantial water savings. These inexpensive devices quickly pay for themselves in water savings.

Finally, identify and eliminate wasteful habits. In the bathroom, don't use toilets as ashtrays or trash cans. Each unnecessary flush means as much as 7 gallons literally down the toilet. Turn the water off while you shave, brush your teeth or soap your hands. Take showers instead of baths. And, take shorter showers, remembering to turn off the water while soaping up or shampooing (installing a showerhead with an on/off control allows you to cut the flow without having to remix the water).

In the kitchen and laundry room, run your dishwasher or washing machine only when you have full loads. Some washing machines have water-saving set-

tings for small loads. Use a basin or pan for rinsing dishes rather than running water continuously. Put your garbage in the trash or on the compost pile instead of down the garbage disposal. Disposals use a good deal of water and add unnecessary solids to the sewer or septic system.

According to John Tarburton, New Castle County Conservation District Nonpoint Source Pollution (NPSP) project coordinator, "It is important that everyone makes an effort to conserve water. Saving water now will not only leave more water for the future, but it also saves money and energy and helps reduce the amount of pollution in the water."

One of the most effective ways in which individuals can reduce the amount of pollution they contribute to the nation's waters is to reduce the amount of water they use.

"Many sewage treatment plants are too small to handle the wastes of the populations they serve," Williams said. "This can lead to bypassing the sewage plant, dumping raw sewage into our waterways or sending wastewater through the plant so rapidly that proper treatment is impossible."

Reducing the amount of water entering the plants can mean better treatment and cleaner waters being discharged into waterways. The most effective way to achieve this is to reduce the amount of water used in the home.

Similarly, if you have a septic system, conserving water can prevent drainfield overloads and help assure that your septic system is properly treating wastewater. If your system overflows, the first rainstorm will carry any pollutants into the nearest river, stream, creek, lake or pond.

Conserving water has other benefits as well. For example,

water conservation saves money. Treating, pumping and delivering drinking water is an expensive process and becoming more so every year. On top of that, add the cost of treating the wastewater that leaves your home.

In the end, these costs are passed on to the individual. By reducing the amount of water you use, you can achieve substantial savings on your water, sewage and energy bills. Even if you have a private well and septic system, conserving water saves you

money. Using your pump less saves money on your energy bill, and reducing the amount of water discharged into your septic system can prolong its life.

"Conserving water means cleaner and more abundant supplies of water in the future," Williams said. "It's not only smart management, but an obligation. By conserving water now, we can ensure an adequate supply of clean water for generations to come."

Hog Slat Introduces Problem-Free Baffle Air Inlet

NEWTON GROVE, NC — Hog Slat recently introduced a new counter-balanced air inlet that is simple to install, requires little maintenance and eliminates the need for expensive control mechanisms. This new system offers a simple, effective solution to ventilation problems year-round, handling the problems of even air flow in cold weather and the problem of high air flow in summer.

The Gravity Baffle Air Inlet is the result of 30 years of plastic technology and is resistant to

atmospheric corrosion. As opposed to most other systems which operate manually or with complicated electronics, the Gravity Baffle operates by means of a unique counter-balanced louver. This allows the system to adjust automatically, without wires or controls. The simplicity of design makes it virtually operator and maintenance free. The Gravity Baffle can also be shut off and is constructed of a specially hard PVC plastic for superior durability.



This counter-balanced air inlet is simple to install and requires little maintenance. It is constructed of a specially hardened PVC plastic for superior durability.



PLANT FOOD COMPANY, INC.

QUALITY LIQUID FERTILIZER

9-18-9, 6-24-6, 16-4-4, 5-15-15+, 3-18-18, 10-20-10, 10-10-10, 0-15-20, plus others on request.

OUR CUSTOMERS BUY OUR PRODUCTS

BECAUSE OF —

- Ease of Handling • Convenience • Easy Storage
- Soil Reports • Tank Program • Delivery
- More Analyses to Choose From

Your friends at Hi-Score thank you for supporting us over many years and ask for your continued support. Our plans are to keep bringing you new and better products and honest service.

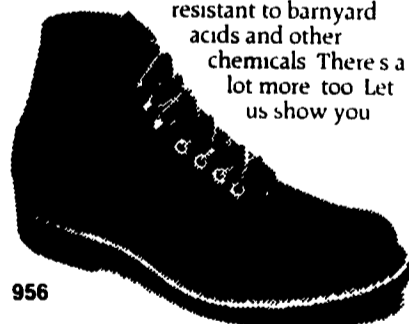
We invite you to visit us at the Pa. Farm Show This Month At Booths 500 & 501

Hi-Score Plant Food Co., Inc.

3175 Oregon Pike
Lancaster, PA 17604

P.O. Box 7775
Tele: 717-656-4191

These special oil tanned 6" boots are resistant to barnyard acids and other chemicals. There's a lot more to let us show you.

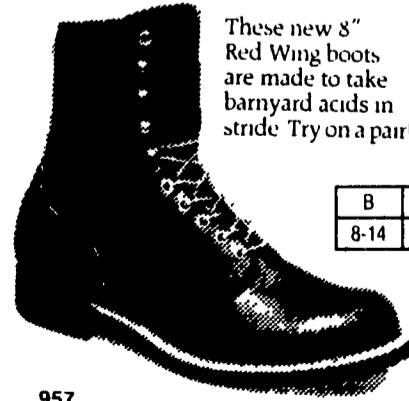


956

AT HOME ON THE RANGE!

B	D	E	EE	H
9 13	6-15	8 10½	7½ 11	7½-13

These new 8" Red Wing boots are made to take barnyard acids in stride. Try on a pair!



957

FARMYARD FIT!

B	C	D	E	EE	EEE
8-14	8½-13	6½-15	7½ 13	7½ 14	8-13



HOURS: Daily 8:30 A.M. to 6 P.M.; Fri. 'til 8 P.M.



Wayne's Dry Goods
271 W. Main St.
Kutztown, Pa.
Phone (215) 683-7686

