

Providing Potable Water In A Pinch

If a water supply is tested regularly, we are usually confident that it is safe to drink. But what about when we leave the protection of inspection supplies and hike, camp or travel. In emergency situations, such as a flood, water supplies often become contaminated. In these situations, knowing how to make a small quantity of water-safe to drink can be a valuable skill.

Charles Abdalla, Penn State Specialist in Environmental Quality, offers the following guidelines.

Before treating contaminated water, filter it by pouring it through a clean cloth. Water having a cloudy appearance contains soil or other particles that can protect bacteria and other pathogens during disinfection. This step is not needed if the water is clear. Also, make sure that the containers you are using are clean.

Disinfecting water on a small scale can be done by boiling or

through chemical treatment. The best way to make sure that water is free of most biological contaminants is to boil it. Vigorous boiling for one minute will kill harmful bacteria and also destroy tiny cysts, such as those that cause giardiasis.

If boiling is not possible, chemical treatment with chlorine or iodine can be used. While chemical treatment will kill harmful bacteria, it is much less effective for the more resistant Giardia cysts.

Common household bleaches containing chlorine can be used to disinfect water. Check the label on the bottle to find out the percentage of available chlorine in the bleach. If the available chlorine is from four to six percent, add four drops of bleach to disinfect one quart of clear water. If the available chlorine is from seven to 10 percent, add only two drops. Double the number of drops if the water is cloudy. Mix the treated water thoroughly

and allow it to stand for at least 30 minutes before drinking. If the water has too strong a chlorine taste, pouring it from one container to another or allowing it to stand for several hours will help improve its taste.

Iodine can be also used for treating a small amount of water for drinking. When using a two percent solution of tincture of iodine, the kind found in first-aid kits, ten drops should be added per quart of clear water. Twice that amount of iodine is needed if the water is cloudy. After thoroughly mixing, let the water stand for at least 30 minutes before drinking. This treatment method is not recommended for people who are sensitive in any way to iodine.

Commercially-prepared tablets containing chlorine or iodine made specifically for disinfecting water are also available.

G & G High Pressure (Agricultural High Pressure Washing)

Disinfecting/White Washing

If you would like to reduce the cost of cleaning and disinfecting your farm, give us a call, we have a way.

Specialize in keeping the poultry industry clean and disease free.

Barry Garber
1821 Maytown, Pa.
Elizabethtown, PA 17022
717-367-3649

KEN CLUGSTON
665-6775

VERNON SEIBEL
665-2782

CRAFT-BILT CONSTRUCTION INC.

FARM-HOME BUILDING

R.D.#2 MANHEIM, PA.

PH: 665-4372

BUILDING & REMODELING FOR—

DAIRY
SWINE
BEEF

RESIDENTIAL
POLE BUILDINGS
STORAGE

Can't Drink Milk? Try Yogurt

NEWARK, Del. — Milk is a primary source of the nutrient calcium. According to University of Delaware extension food and nutrition specialist Dr. Sue Snider, not all people are able to drink milk because their bodies cannot digest lactose, a natural form of sugar in milk.

These people may be deficient in lactase, the enzyme that breaks down the lactose. People with the deficiency often experience intestinal discomfort because the undigested milk sugar cannot be absorbed into the bloodstream.

Researchers at the University of Minnesota, however, have found that some of these individuals experience no discomfort after eating yogurt. Tests were conducted with people known to the deficient

in lactase. Similar amounts of lactose were added to yogurt, milk and water. Participants given the yogurt had fewer cases of diarrhea and gas than those given the lactose dissolved in water or milk.

Researchers also found that those eating the yogurt absorbed more of the lactose than those drinking the milk or water solutions. The enhanced absorption of lactose in yogurt appeared to result from the digestion of lactose by lactase released from the organism used in making yogurt, Snider says.

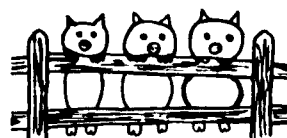
Yogurt is a cultured dairy product that can be made from whole, low-fat or skim milk with added nonfat dry milk, the specialist says. Most plain low-fat yogurt has some dry milk solids added to give the product stability.

SOYBEAN ROASTING ON YOUR FARM

Don't Waste It - Roast It!

This Little Piggy Went To Market,
This Little Piggy Stayed Home,
This Little Piggy Had...

ROASTED SOYBEANS



Make Higher Profits From All Grains.
Roasting Improves TDN, Destroys Mold,
Retards Toxins & Removes Moisture.

CUSTOM GRAIN ROASTING
DONE IN PA. &
SURROUNDING STATES

DALE L. SCHNUPP
RD 6, Lebanon, Pa. 17042
PH: 717-865-6611

ALLEN SUMMERS
703 E Christine Rd
Nottingham, Pa 19362
215-932-4761

DAVID N. GROFF
RD 1 Box 506C
Lewisburg, Pa 17837
717-966-3593

Some Talk About Shooting The "WELL, WE CAN TALK ABOUT SHOOTING CONCRETE"

Let Our People Come Talk With You About
SHOTCRETE Manure Storage Tanks



LET US
SHOOT ONE
FOR YOU.

This Is THE ANSWER TO LOW COST Manure Storage Tanks

WE OFFER THESE TANKS IN ANY DIMENSION, SIZE OR DESIGN

- Fast & Economical Installation
- Low Maintenance
- No Erosion Problems
- No Seepage Into Ground Water
- We Can Offer ASCS & SCS Approved Designs

• SHOTCRETE Manure Storage Tanks

- Installation & Maintenance of Concrete Bunker Silos
- Stone Wall Repairs
- PreCast Gunite Lined Water or Manure Storage Tanks
- Dam, Reservoir & Spillway Repair
- Slatted Floor Systems
- Silo Repairs

We're The "Concrete Specialists"

MAR-ALLEN CONCRETE PRODUCTS, INC.



Gunite Construction • Precast Concrete Products
Bridge Repair • Tank Repair • Holding Tanks • Installation • Pre Qualified by PennDot
R D 2, Ephrata, PA 17522 (717) 859-4921
Subsidiary of Seal-Crete Corp

STIHL

GRASS TRIMMERS

- Powerful Gas Engine
- Tackles Grass & Weed with Ease
- Anti-Vibration
- Electronic Ignition
- Clutch

Brushcutters

OVER 20 MODELS AVAILABLE

Cut
Your
Firewood
Now

OWN A STIHL
For As Little As
\$25/mo. w/Stihl Credit

See These Dealers Now

A & B SALES & SERVICE
2 Miles South of Rt. 23 Along 772
Thru Monterey - RD 1 Rorks, PA

GAP POWER EQUIPMENT
Corner of Rt 30 & Rt 897
Gap, PA
Phone 717-442-8970

HOLLINGER'S LAWN & GARDEN EQUIP.
Ephrata PA 717 738-1131
Hershey, PA 717 533-4060
Lancaster PA 717-656-2710

MARTIN HARDWARE & EQUIPMENT CO.
Rt 501 1/2 Miles South of Schaefferstown, PA
Phone 717-949-6817

SHARTLESVILLE FARM SERVICE
RD #1 Box 1392 Hamburg PA
Phone 215-488-1025

EBLING LAWN & GARDEN SERVICE
698 E Lincoln Ave
Myerstown PA 717-866-6720

STIHL

NUMBER ONE WORLDWIDE

