

Rains cause rills

Develop a pasture "water fountain"

LEESPORT — Springs in pasture fields are sometimes a nuisance, creating a favorite swamp hole for cattle and sheep to "muck" through on hot summer days. But, if developed, these same springs could be turned from miserable marshes to functional, refreshing "water fountains" for livestock.

Converting this drainage problem into a working watering system requires a three-part plan, according to Tina Didyong, soil conservation technician with the Berks County Soil Conservation Service. First, the seepage needs to be collected, before it works its way out on the ground's surface, through a series of tile lines which lead into a collection box or "well." From here the water feeds into a pipeline a gravity flows to a trough.

Once the spring development is completed, Didyong recommends

farmers inspect it on occasion to gauge the degree of sediment or debris buildup. She suggests copper pipe or cleaning pads be placed in the spring box to "reduce accumulation of algae in the storage system." Didyong also advises farmers to fence livestock away from any exposed collection boxes.

"When inspecting the spring box, check to see if there is still a water-tight connection between the box and the pipeline," reminds Didyong. "Air locks occur if the pipeline has sags; these can be removed by pumping water through the line. To prevent air locks you can install air vents in the spring box or re-lay the pipe on grade without sags or high points."

Surface drainage and overflows should be diverted away from the watering facility, she adds. And gravel or paving adjacent to the

trough will protect the area as well as improve access by livestock.

Frequently check the automatic water level device and overflow to

assure that it is operating properly, she concludes.

Patz

★ Barn Cleaners, Manure Pumps, Manure Stackers, Silo Unloaders, Bunk Feeders, Feed Conveyors

MARVIN J. HORST

DAIRY EQUIPMENT
1950 S. 5th Avenue, Lebanon, Pa. 17042
Phone: 717-272-0871

HENRY K. FISHER INC.
SANDBLASTING AND SPRAY PAINTING

Aerial Ladder Equipment

667 Hartman Station Rd.
Lancaster, PA
393-6530

BUTTER EGGS

Gilson
stop and compare SALE

Model 51095  **save \$30.00**
2-hp Compact Tiller
Ideal for narrow rows, flower beds.
only \$269.95
Reg. \$299.95

Seven Models Of Tillers To Choose From, Both Front And Rear Tines

SAVE '30 to '110

Model 51148  **save \$80.00**
5-hp Rear Tine Tiller
Forward and reverse drive with single lever control.
only \$719.95
Reg. \$799.95

Model 52072  **save \$160.00**
8-hp Lawn Tractor
with 38" side discharge mower, electric start and 5-speed transaxle drive.
only \$1365.00
Reg. \$1525.00

Model 52074  **save \$185.00**
11-hp Lawn Tractor
with 38" rear discharge mower, electric start and 5-speed transaxle drive.
only \$1590.00
Reg. \$1775.00

Other Models Available Including Rear Bagger, 8, 11 And 18 h.p.
SAVE \$160 to \$335

Lloyd H. Zimmerman Inc. Garage
RD 3 - Glenwood Dr.
Ephrata, Pa. 17522
Phone 717-733-4191



Daily Manure Removal With Push-button Ease! Patz Under-Slat Cleaner Cuts Costs/Adds Profit

Just push a button and 42" flites move manure from under slatted floors and crates to your manure pump, compressed-air manure mover, or directly to outside storage

Whatever your system, the Patz Under-Slat Cleaner gets the job done! It avoids buildup of odors and dangerous gases. When used daily it keeps your building dry and free from drafts. You

can stop worrying about solids building up in the underground pits

The unique Patz forged-steel, hook and eye links, provide the needed strength and durability for daily use without constant fear of breakdown. The newly designed 42" flites on the Under-Slat Cleaner extend under the links to completely clean your gutters. Our method adapts easily to

various hog and dairy calf layouts

Before you build a new barn or remodel your present facilities, talk or write to your Patz dealer listed below. He'll show you how a Patz Under-Slat Cleaner cuts costs and adds profit!

Buy or Lease
Leasing Patz equipment may be more profitable for you. Ask your Patz dealer for the details

Patz Performance Strong as Steel

DISTRICT MANAGER

GEORGE HEATH 472 Woodcrest Dr., Mechanicsburg, PA 17055 717-737-0002

Contact your nearest Patz dealer

ALEXANDRIA
MAX ISENBERG
814-669-4027

BALLY
LONGACRE
ELECTRIC
215-845-2261

BEDFORD
BENCE FARM
EQUIPMENT
814-623-8601

BELLEVILLE
MACLAY & SON
717-935-2101

CAMP HILL
LLOYD SULTZBAUGH
717-737-4554

CHAMBERSBURG
CUMBERLAND FARM
& DAIRY INC.
717-263-1965

HAMBURG
SHARTLESVILLE
FARM SERVICE
215-488-1025

LEBANON
MARVIN J. HORST
DAIRY EQUIPMENT
717-272-0871

MILTON
LANDIS FARMSTEAD
AUTOMATION
717-437-2375

PIPERVILLE
MOYER
FARM SERVICE
215-766-8675

QUARRYVILLE
UNICORN FARM
SERVICE
JAMES E. LANDIS
717-786-4158

TERRE HILL
TERRE HILL
SILO CO. INC.
215-445-6736

MARYLAND DEALERS
HAGERSTOWN, MD
TRI-STATE
FARM AUTOMATION
301-790-3698

KENNEDYVILLE, MD
PINDER SERVICE CO.
301-348-5263

LINEBORO, MD
WERTZ GARAGE, INC.
301-374-2672

NEW WINDSOR, MD
ROOP FERTILIZER
& CHEMICAL
301-775-7678

STREET, MD
P & S EQUIPMENT,
INC.
301-452-8521