Weather Information Customized For Farmers, Ranchers

computer in the future will give daily climate information for spe- Agriculture researcher. cific locations of farms and

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS **TANKS** TANKS TANKS TANKS TANKS TANKS

TANKS

TANKS TANKS TANKS TANKS TANKS TANKS TANKS TANKS TANKS

TANKS TANKS

TANKS

TANKS

TANKS

TANKS TANKS

TANKS TANKS

TANKS

TANKS TANKS

TANKS

TANKS TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

TANKS TANKS

TANKS

TANKS

TANKS

TANKS

TANKS

WASHINGTON, D.C. — A ranches, based on historical weath- their specific weather reports from er data, says a U.S. Department of

Farmers and ranchers will pull

CLIMATE, a new microcomputer program, said David A. Woolhiser of USDA's Agricultural Research

Service.

Woolhiser, who developed the program, said it analyzes historical weather data to simulate "what is most likely to happen locally." He said the data comes from 40 years of National Weather Service records, including temperature and precipitation.

National Weather Service data for its stations in South Dakota was the first to be adapted to make local predictions, Woolhiser said. CLI-MATE can be worked out for other states, he said. The program is on floppy disks available from Woolhiser.

A farmer or rancher gets a "customized daily outlook" that offers a wider weather picture, he said. That outlook can be used with Weather Service forecasts, which rely on current information, he added.

"CLIMATE can help a farmer or rancher compute the odds on future weather in deciding when to plant, irrigate, spray pesticide or harvest crops," he said.

"A farmer tells the computer his

farm's exact location by positioning a dot or cursor representing his farm on a map of the state shown on the monitor," said Woolhiser, a hydraulic engineer at the agency's Aridland Watershed Management Research laboratory, Tucson, Ariz.

"For each farm, the computer program selects appropriate weather characteristics from data at nearby weather stations," he said.

Advances in microcomputers during the past five years have made customized weather information practical for the first time. His program will run on computers that farmers and ranchers already use to help make business decisions. He wrote CLIMATE in the widely used BASIC language.

Woolhiser said his program also could be used to give accurate local rainfall patterns during the design of irrigation and drainage systems. It also could provide accurate local temperature patterns in the design of solar and conventional heating systems.

MERICA'S HEALTH KICK

or Yield... POURTH Competitors

WL Alfalfa varities are strong pro ducers throughout the life of your stand You can't afford to settle for

If your alfalfa doesn't make it to the fourth year, you've reduced the overall profitability of your

In test after test by public and private researchers, W-L alfalfa yields stack up for profits. For more than 25 years, W-L alfalfa varities have been bred for long stand persistence, quick recovery after cutting, multiple pest resistance and extra leafy, fine-stemmed forage. With proper crop management, you'll have strong fourth-year yields that stack up for a profitable crop.





215 East Fulton St. Lancaster, PA (717) 394-7127

BASEMENT OIL STORAGE TANKS

Capacity (Gallons)	Size	Gauge (Thickness)	Weight (Pounds)	Туре	Price FOB Quarryville
275	27"x44% "x60"	14	210	Vertical	\$132.00
275	27"x44% "x60"	14	210	Horizontal	\$132.00
275	27"x44% "x60"	12	275	Vertical	\$157.00
275	27"x44% "x60"	12	275	Horizontal	\$157.00

"LIGHT DUTY" SKID TANKS

Capacity	Diameter	Length	Gauge	Price FOB
(Gallons)			(Thickness)	Quarryville
300	3'2"	5'0"	14	\$246.00
300	3'2"	5'0"	12	\$268.00
500	4'0"	5'5"	12	\$395.00
500	4'0"	5'5"	l 10	\$446.00
500	4'0"	5'5"	7	\$552.00
1000	4'0"	10'9"	10	\$681.00
1000	4'0"	10'9"	7	\$809.00

NEW STEEL UNDERGROUND **FUEL STORAGE TANKS**

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
285 550 550 1,000 1,000	3'0" 4'0" 4'0" 4'0"	5'6'' 6'0'' 6'0'' 10'8'' 10'8''	12 10 7 10 7	277 537 738 845 1,158	\$166.00 \$252.00 \$312.00 \$428.00 \$492.00

NEW STEEL UNDERGROUND STI-P3 FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge . (Thickness)	Weight (Pounds)	Price FOE Quarryville
285	3'0''	5'6''	10	359	\$413.00
550	4'0''	6'0''	7	831	\$605.00
1,000	4'0''	10'8''	7	1,266	\$893.00
2,000	- 5'4"	12'0"	7	1,914	\$1,308
3,000	5'4"	18'0"	7	2,6 5 7	\$1,747
4,000	5'4"	24'0"	7	3,403	\$2,177

5,000 Gal Through 30,000 Gal Prices On Request

The STI-P3 tanks bear Underwriters' Underground Label, STI-P3 Label, 30-year limited warranty. The STI-P3 tanks are equipped with sacrificial galvanic anodes, urethane paint and dielectric bushings. The STI-P3 are equipped with the Protection Prover II (to monitor anode voltage).

USED STEEL STORAGE TANKS

From 257 to 13,000 Gallons At .05¢ to .06¢ Per Gallon

USED UNDERGROUND FIBERGLAS STORAGE TANKS

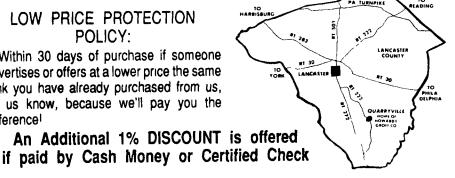
4,000 or 6,000 Gallons At .12¢ Per Gallon

NEW GASBOY AND FILL-RITE FUEL PUMPS

Available At Below Factory List

LOW PRICE PROTECTION POLICY:

Within 30 days of purchase if someone advertises or offers at a lower price the same tank you have already purchased from us, let us know, because we'll pay you the difference



HOURS:

HOWARD E. GROFF

Over Forty Years of Reliable Service

Fuel Oil, Gasoline, and Coal

Mon.-Fri.: 8 AM - 4 PM 111 E. State Street, Quarryville, PA 17566

Phone: 717-786-2166