

INFORMATIONAL ACTIVITIES

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Albia Union-Republican

WEDNESDAY, SEPTEMBER 15, 1976

SOIL
CONSERVATION
SECTION**Soil Conservation Week—Sept. 12-18****. . . and after**



Earl Albertson farm pond

This farm pond on the Earl Albertson farm was built seven years ago and covers nearly an acre. Terraces above the pond with the accompanying outlets were built in 1975. The Albertson farm is located on Iowa 137 north of Albia.

Kness erosion control structure

Completed two weeks ago by Kness Manufacturing Co., Inc., this erosion control structure off Iowa 5 contains 7100 cubic yards of dirt and is 32 feet high. It was built with 50 per cent state conservation funds and the balance paid by the Kness firm. Another structure downstream is also planned.



Erosion control on Anderson farm

This erosion control structure on the Lorence Anderson farm, south of Albia on Iowa 5, contained 10,000 cubic yards of dirt. The pond covers two and a half acres and surrounding ground is used for pasture. The pond provides water for the Anderson herd. This structure is fed by five overfalls on this hilly ground.



Good Cattle on Improved Pastures Means Good Soil Conservation

Southern Iowa pasture land is ideal for the development of sound soil and water conservation practices.

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And as you improve your pasture land you can also improve your cattle herds for a balanced farming operation and sound soil and water conservation.

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Terraces on VandenBerg farm

These erosion control terraces on the Gerald VandenBerg farm off Iowa 5 south of Lovilia were completed this summer. The pipes sticking out of the ground are the inlets for the terraces which will control the water on this sharply sloping land.

Must plant more trees

This country's demand for wood is expected to exceed the supply within 30 years unless trees are planted each year and more forest land is placed under management, according to William Farris, assistant state forester with the Iowa Conservation Commission.

In 1973 congress authorized the Forestry Incentive Program (FIP) to share the cost of tree planting and timber stand improvement with private landowners.

The federal share of these costs is 75 per cent in Iowa.

Lands owned by the forest industry and the public are being planted and improved at the fastest rate possible, according to Farris. But smaller, private owners, who control the majority of forest lands, do not have the funds to make such long-term investments. The Forestry Incentive Program is designed to share this expense with these private, eligible owners.

Eligible forestry practices include tree planting and timber stand improvement, says Farris. Planting trees is intended to increase timber production and improve the environment. Timber Stand Improvement is aimed at increasing growth of trees on sites suitable for production of sawtimber and veneer logs.

Farris says there are a few requirements a landowner must meet to be eligible for cost-share assistance—

Own less than 500 acres of eligible forest land.

Be a private forest landowner. Any individual, group, association or corporation may be eligible if not regularly engaged in the business of manufacturing forest products or providing public utility services.

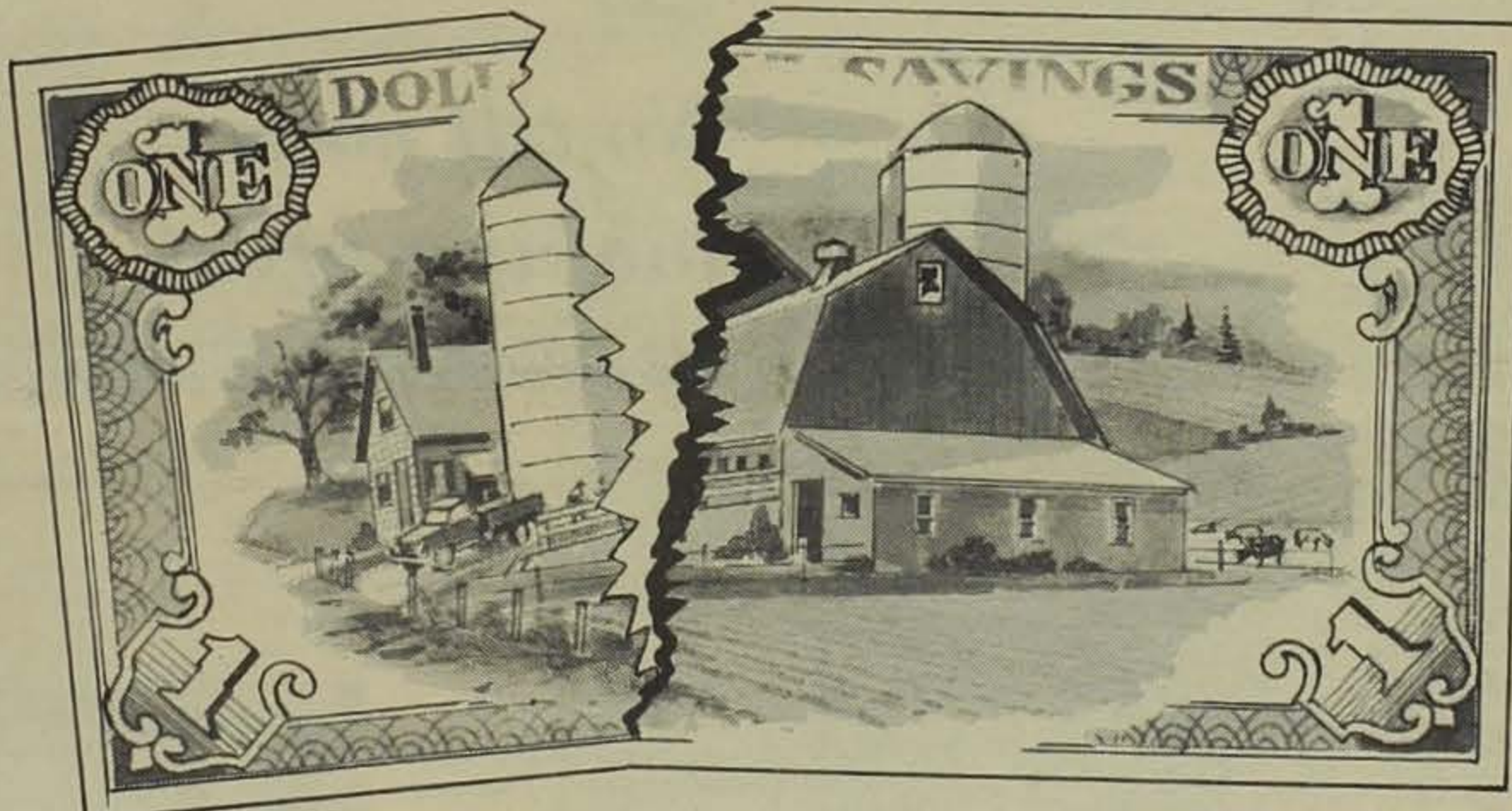
Have land that is suitable for forestation if not presently in trees, for reforestation or for timber stand improvement.

Have had no commercial harvest within the last five years on lands for which FIP cost-sharing application is made.

To get cost-share help under the Forestry Incentive Program, contact your county ASCS who administers the program.

SOIL CONSERVATION

Holds your investment together



Don't let your dollars erode with your land

You've Got a Tremendous Investment in Your Farm — an Investment in Dollars and an Investment of Years of Labor. Only With Sound Soil and Water Conservation Practices Can You Protect That Investment.

Only With Sound Soil and Water Conservation Can You Prevent Your Dollars from Disappearing with Your Topsoil.

Soil Conservation Pays Dividends — a Good Return on Your Investment.

First Iowa State Bank

MEMBER F.D.I.C.



North Side of Square

Motor Bank - 303 E. Benton





Above—Corn grows on these terraces and the hay crop in the strip-cropping pattern had been excellent.



Above—This is the seeding groove made by the no-till planter.

No till corn looking great

Paul Koffman planted the corn in this field on May 25 and three days later it was sprayed. No plowing, disking, harrowing, cultivating.

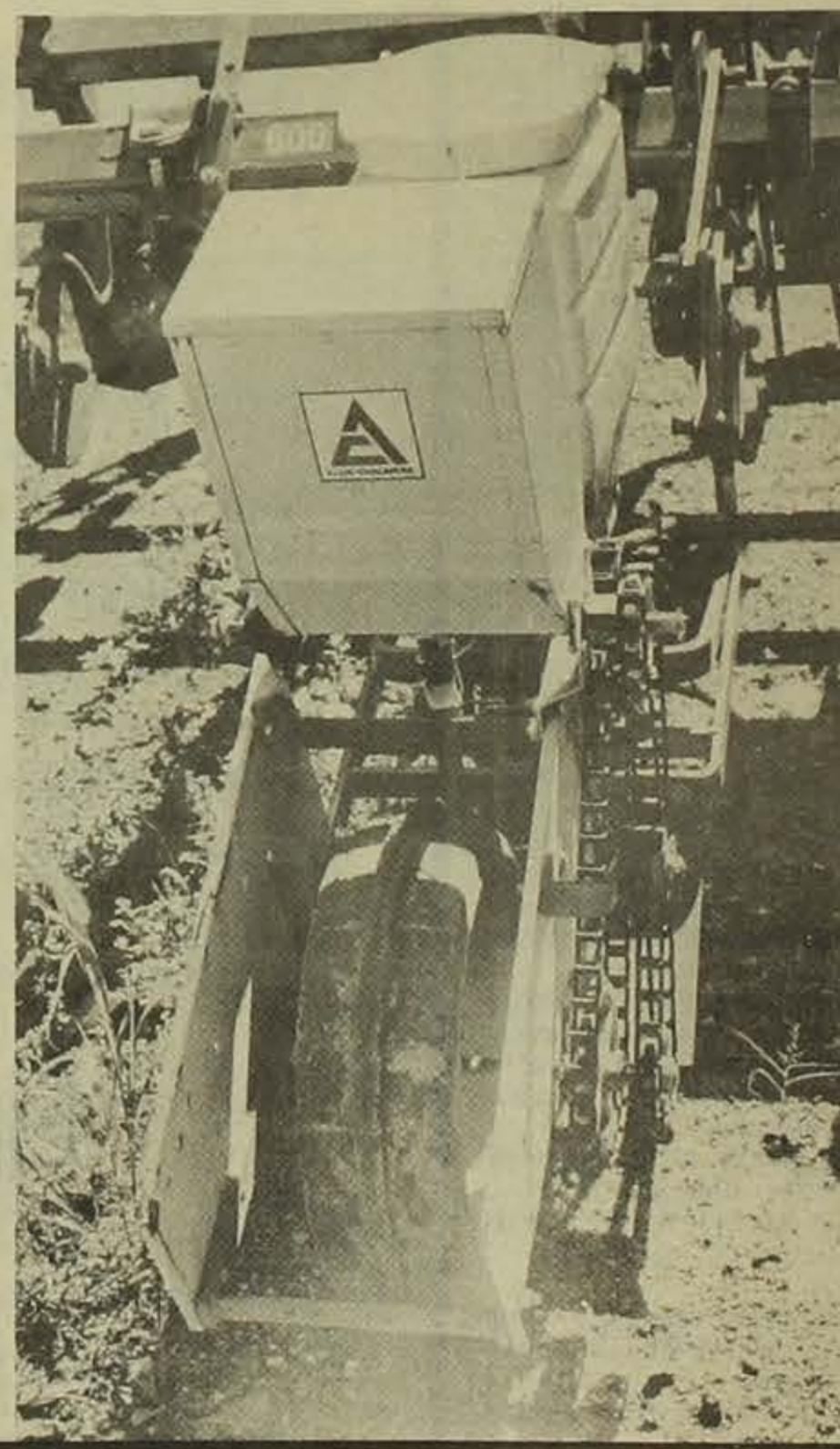
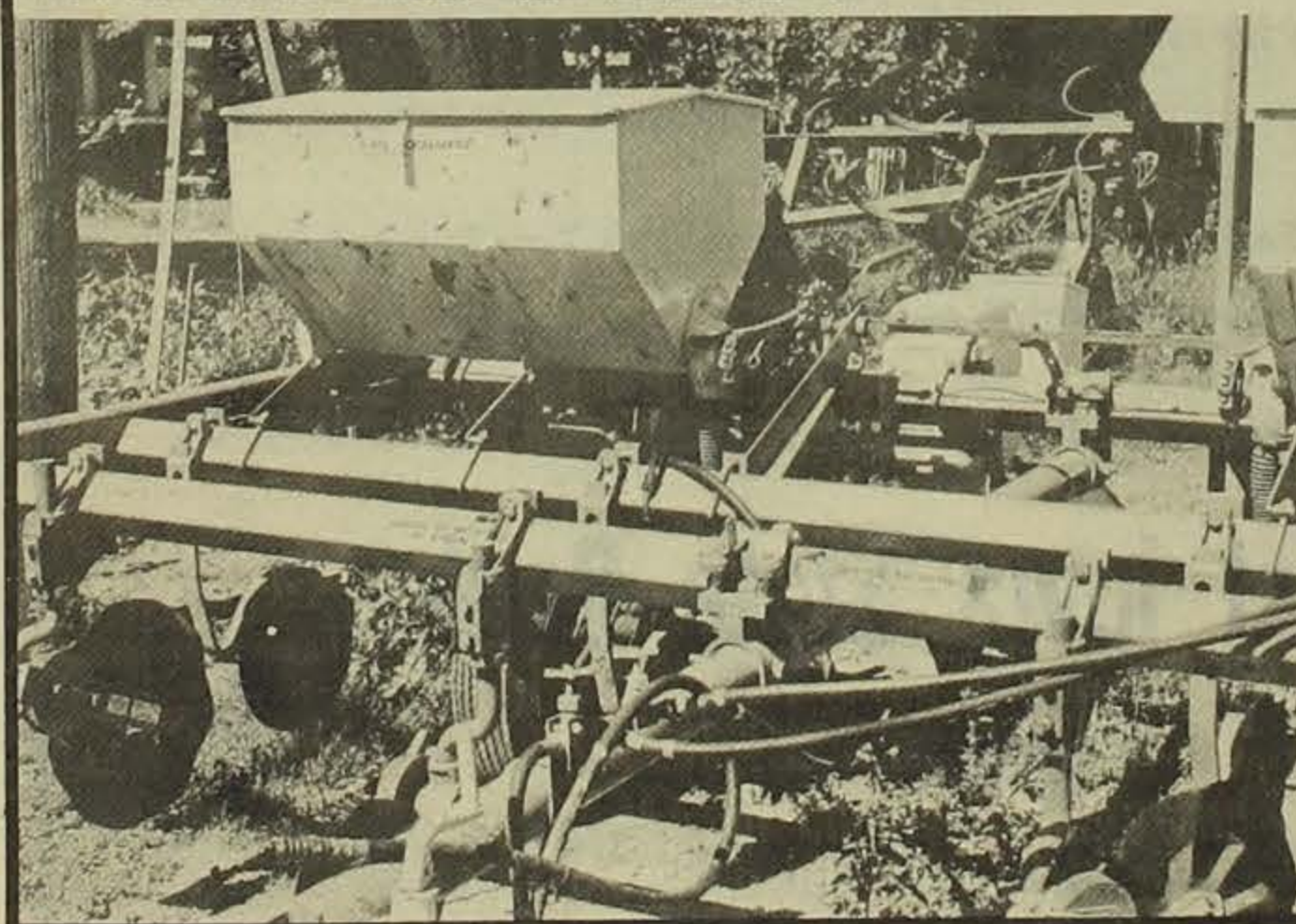
The cost was \$55 an acre for chemicals, fertilizer and seed. The seeding was corn when the fertilizer was applied. It was sprayed with nitrogen and paraquat, a wetting agent. The planter was obtained from Van Dorin Implement of Moravia. It's on lease by Allis Chalmers to Ortho Chemical Co.



At left—There wasn't much evidence of weeds in this field of corn.

At right—This ridged tire helps cover the slit in the ground.

Below—This was the planter which seeded the field in corn, applied the chemical, fertilizer, all in one round.





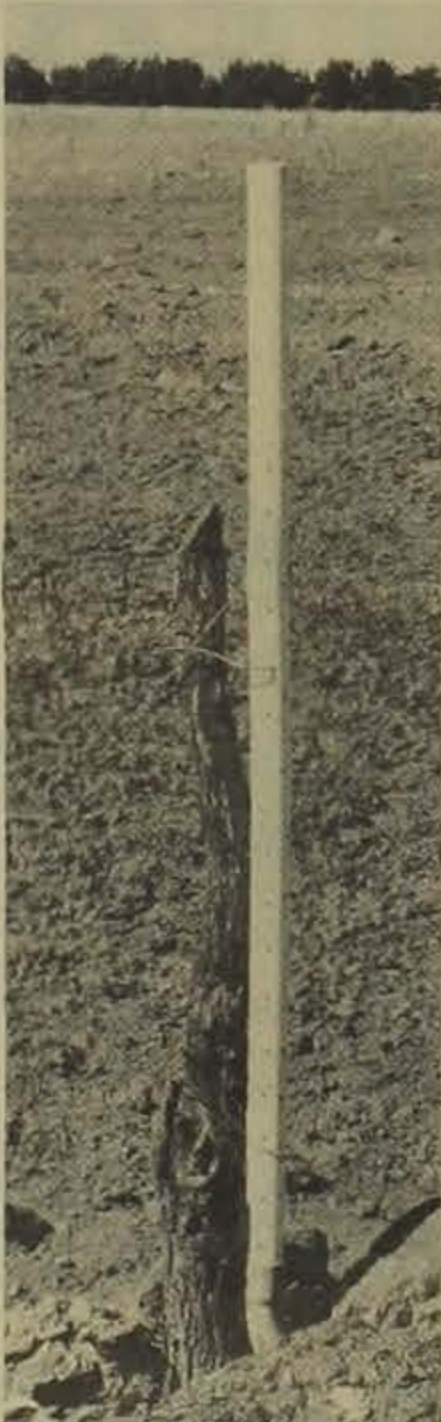
Above—Reed's canary grass is growing well on this grassed waterway in the Murphy pasture.



Above—Valve allows water shut off.

Erosion control, grassed waterway

Good pasture management is evident on the Edward J. Murphy farm in Jackson Township. A new erosion control structure has just been completed but it still hasn't held any water. There's a trickle inlet as well as a 12" hood inlet. A beam 10 foot across will reduce wave action on the pond. The two-inch trickle tube has a valve control so that the water can be shut off if desired.

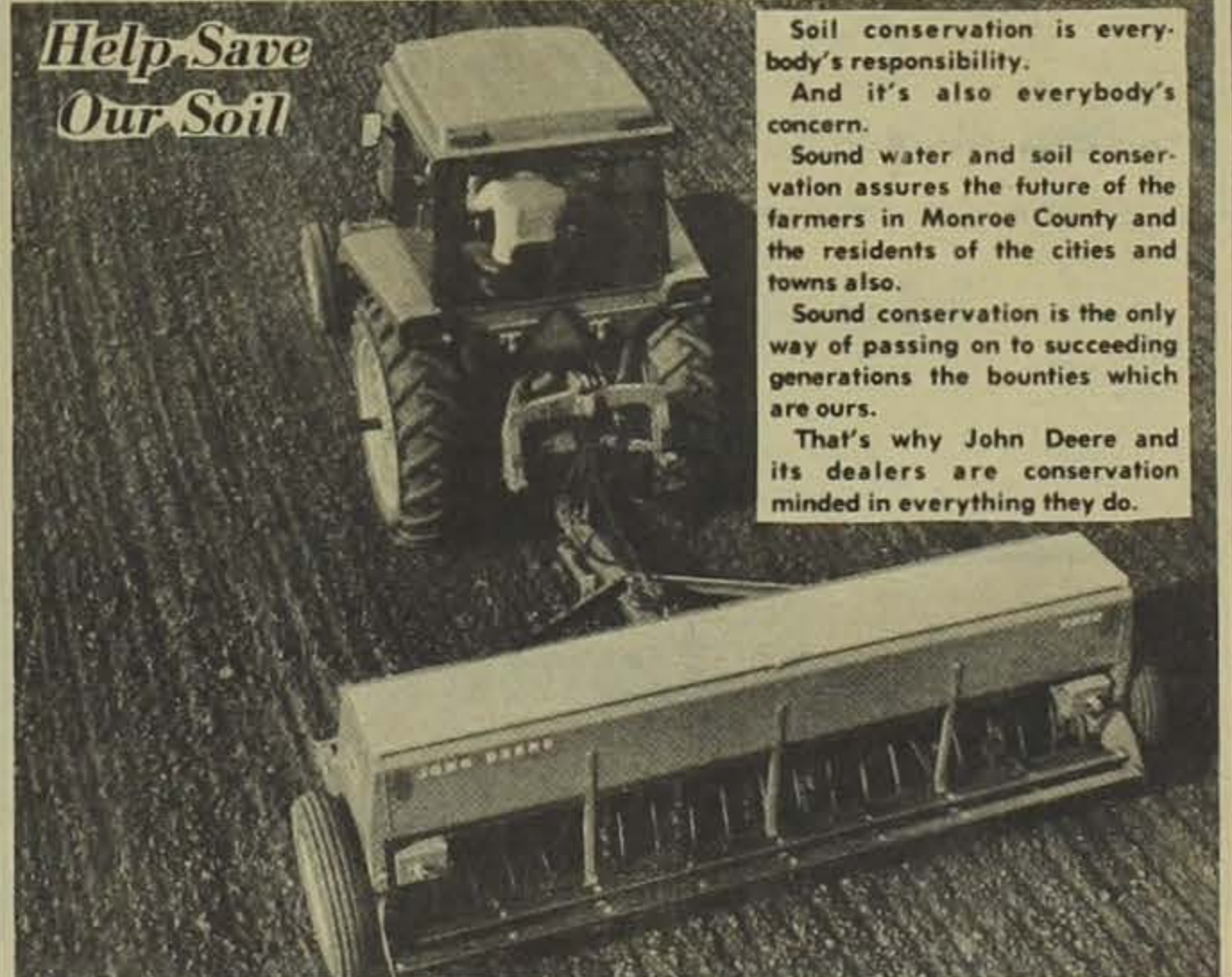


At left—Trickle tube for water outlet purposes.



Left below—12" hooded outlet high on the pond.

*Help Save
Our Soil*



Soil conservation is everybody's responsibility. And it's also everybody's concern.

Sound water and soil conservation assures the future of the farmers in Monroe County and the residents of the cities and towns also.

Sound conservation is the only way of passing on to succeeding generations the bounties which are ours.

That's why John Deere and its dealers are conservation minded in everything they do.

HENDERSON IMPLEMENT CO.

Highways 5 and 137

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Phone 932-5812

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SOIL
EROSION**

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Because Conservation Means Everyone's Future and It Means the Difference Between Abundance and Starvation. The World's Breadbasket Still Must Have Conservation and Protect Its Soil and Water.

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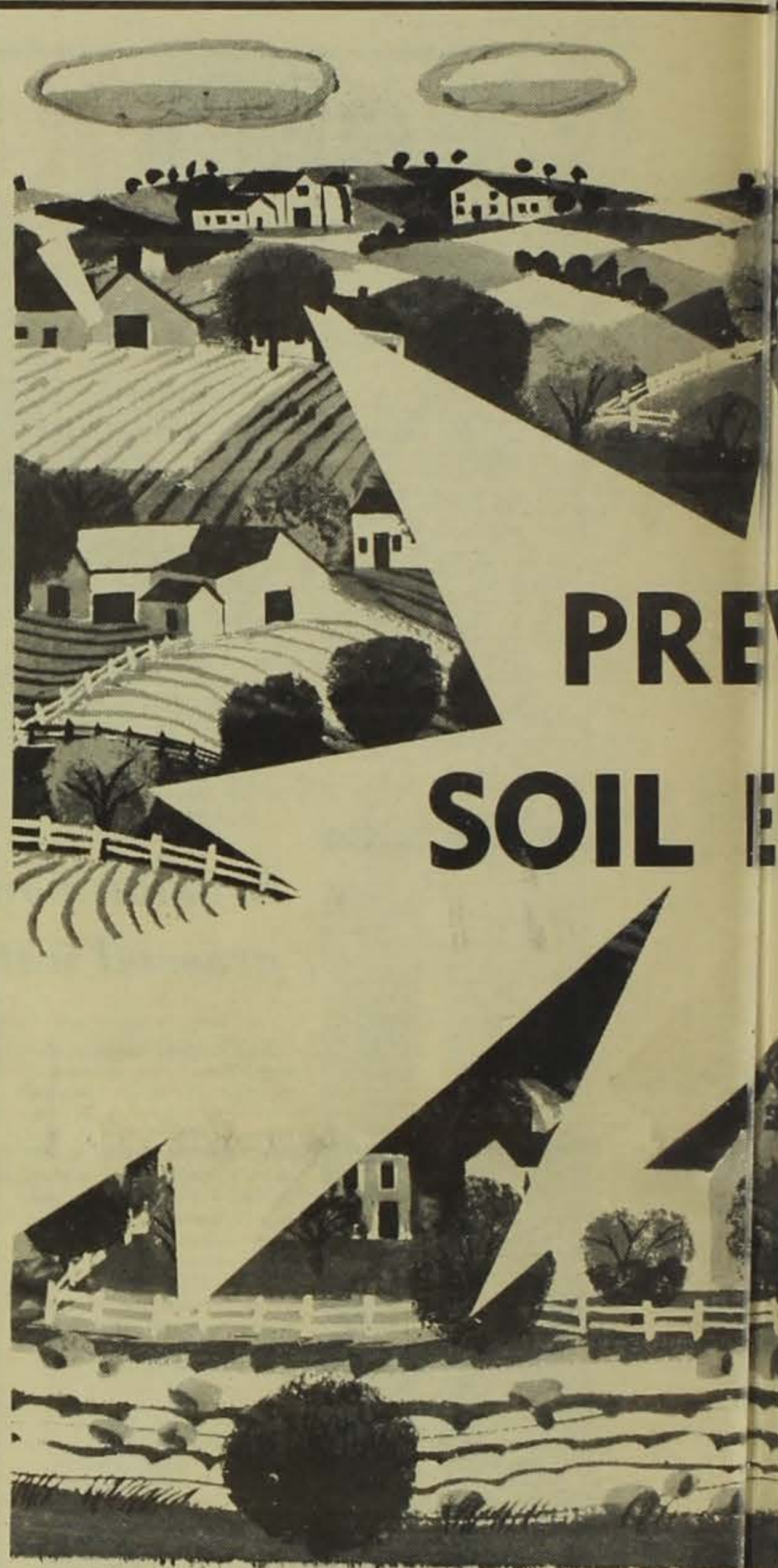
If No Answer
Call 932-7350

Downs-Theulen Funeral Home

122 Benton Ave. W. Phone 932-5722

Western Auto Associate Store

Russ and Martha Silvers
110 Washington Ave. E. Phone 932-2535



You Can Do Your Part Through Soil Conservation

In this time of deep concern for our national resources, the pollution of our rivers and streams, the erosion of our soil, it's doubly important that each of us do what we can, to put an end to this widespread waste and destruction.

Soil Conservation Depend



REVENT

EROSION



**Your Part. . .
Conservation**

ere in our farming community, we have a special
ppportunity to help, through the use of sound soil con-
ervation practices. Terracing, drainage, crop rotation
— these and other methods can help conserve our
and, for a tomorrow bright with prosperity.

ends on You—Act Now

Our future is tied to the farm.
Let's preserve our land through soil conservation.

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Kurimski terraces finished

Just completed earlier this month were these terraces on the Steve Kurimski farm west of Lovilia—a mile of terraces all told.

Add to this a mile of tile for the outlets—both five and six inch tile.

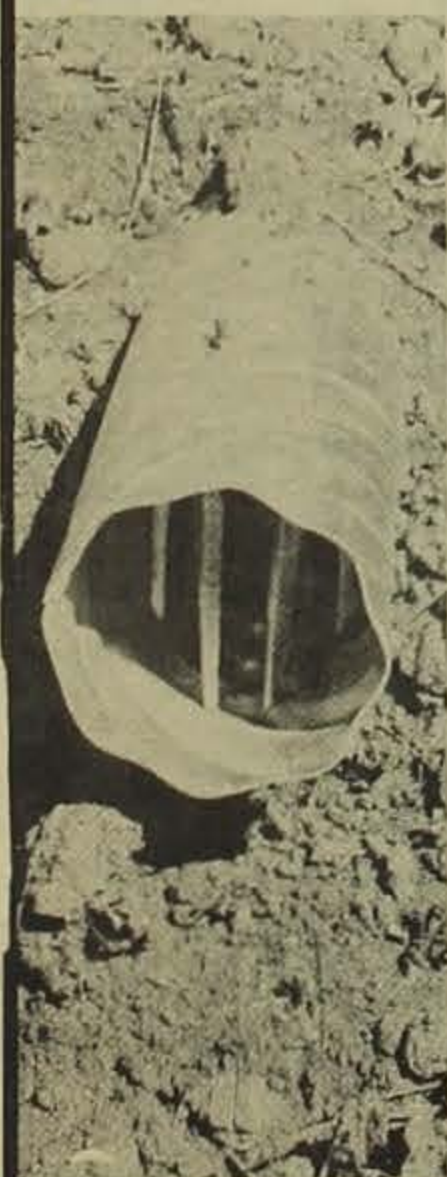
Add 25 different intakes.

It all adds up to a total cost of about \$65 an acre for the land owner and then you can add state funds and ASC funds and you get up to about \$10,000 total cost for this massive rebuilding of approximately 30 acres.

All of the topsoil was removed and laid aside to be put back after the terraces were built. The entire hillside has taken on a new appearance, the water runoff is controlled and there will be no more erosion on this hillside.

Below—One of the outlets into the creek at the base of the hill.

Note the animal guard at the outlet.



It's
Time to **FERTILIZE**

THE GOOD EARTH

**ONLY THROUGH
• SOIL CONSERVATION •**

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WITH
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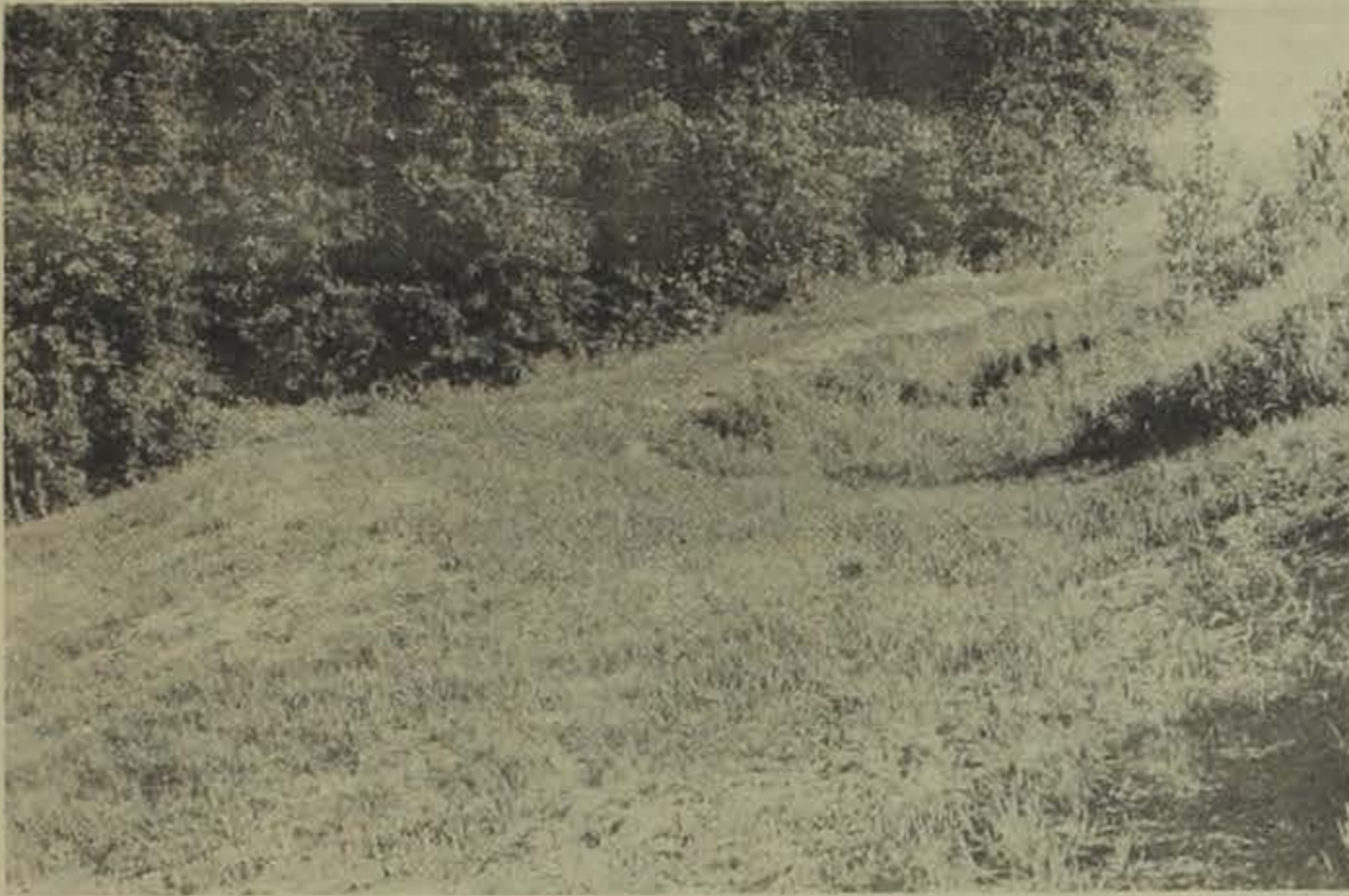
- + Fertilizer Spreaders
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★ **Accurate Soil Tests**

YOU GET IT ALL AT

GOODE FERTILIZER

ALBIA



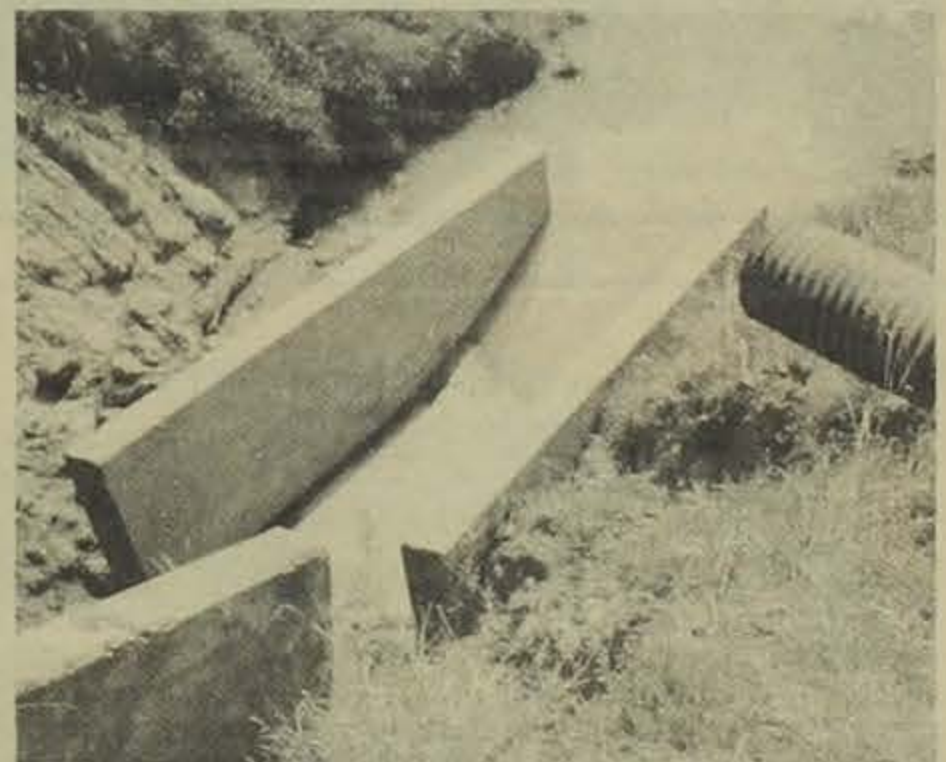
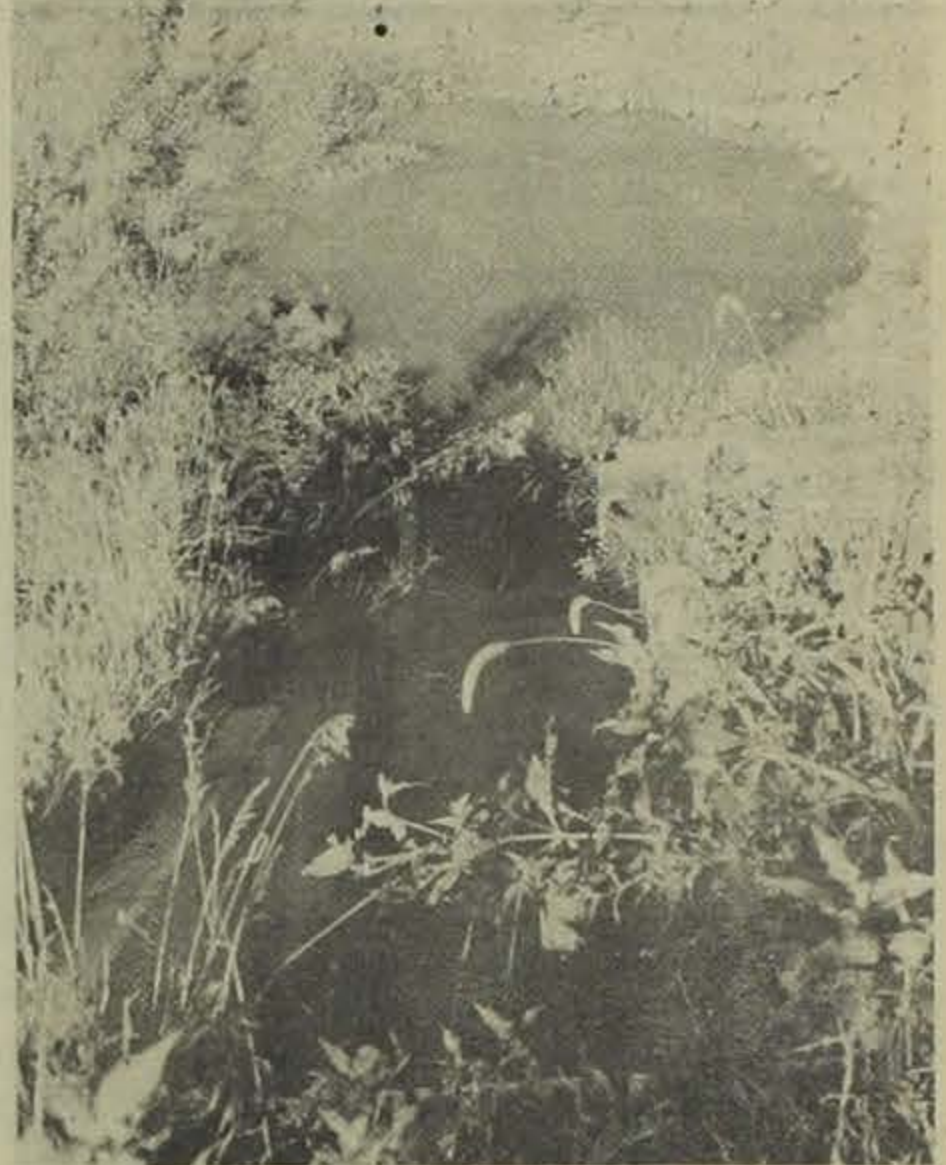
Erosion control on Miami Lake

An erosion control seeding on the road north to Miami Lake (running along the east side of the lake) failed to do the job at one point.

So this summer, using R.C. and D. funds and funds from Monroe County, the area was re-seeded and the let-down structure was repaired.

The top and bottom pictures show that the seeding this summer took a bit better and the water is being controlled.

The picture at upper right shows the let-down structure with the concrete runway taking the water from the east side of the road and also channeling the run-off from the newly grassed roadside.



**CARE FOR THE SOIL...
IT CARES FOR YOU!**



Good conservation and a concern for the future is everybody's business. Because we have a vital stake in the farm economy and in the future of Monroe County we make it our business also.

Good soil and water conservation is good business.

It's a good investment for the farmers of this community.



Monroe Co. Truck & Implement

INTERNATIONAL DEALER

Highway 5 North

Phone 932-7145



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We're Interested in Savings.

We're interested in savings.

And we're interested in saving our soil.

Good, sound practices of water and soil conservation are the means we have of assuring the future of Monroe County.

Conservation is the concern of residents of town and city alike. It's the difference between a lush pasture and a wasted land. It's the difference between bountiful crops and a nutrient-poor harvest.

Soil and water conservation are important to all of us.

Marion County Savings and Loan Association

16 S. Main St.

Phone 932-5131



It's a longterm contract

Changes on the Duane Chance farm in Bluff Creek Township are planned on a long range basis. They're being accomplished on an ASC long-term cost sharing agreement with a 10-year contract.

This project included erosion control structures, diversion terraces, and reseeding of the land. This is particularly important because a loss of topsoil from this farm would eventually mean silting at Miami Lake.

With the use of these structures, water which used to run downhill is slowed to a walk.



Use your energy wisely

We're pleased at the part that Albia Light and Railway has had over the years in developing the use of electricity on farms in the area. The wise use of electricity has eased many of the tasks of area farmers, increasing productivity and promoting sound conservation farming.

Like the farm equipment, like the many hands in your household, the electrical energy on your farm is to be used wisely.

Make electricity serve your needs. But use it wisely and conserve it.

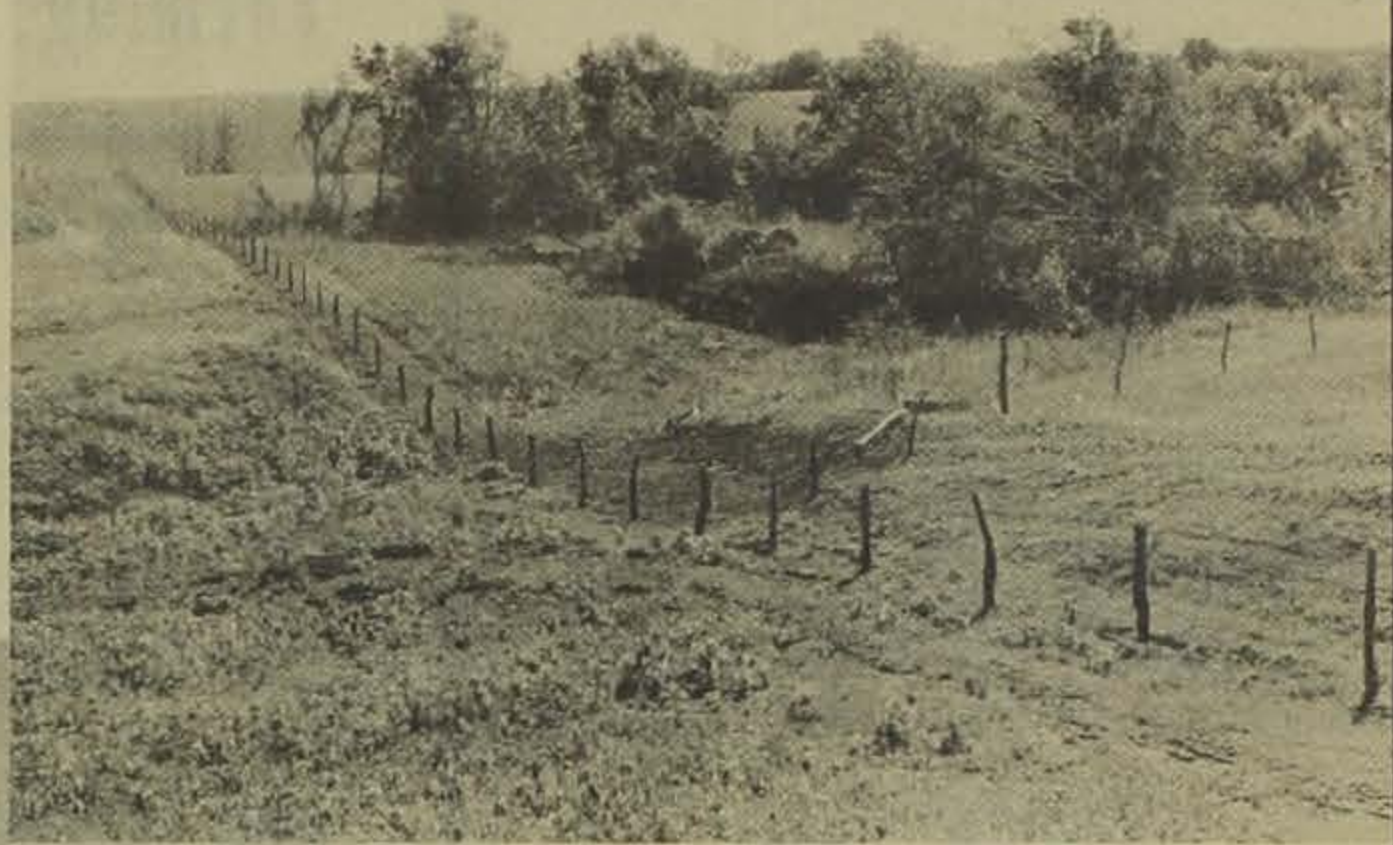
Conservation of energy—whether electrical, water, or 'growing power' in our soil—is everybody's concern.

 **ALBIA LIGHT** 
AND RAILWAY COMPANY

"YOUR PARTNER IN ALBIA'S PROGRESS"



Cooperative venture by neighbors



Two Union Township farmers—Hilbert Phipps and Curtis Davis—shared the cost of the erosion control structure on the left. It was built on Davis land. The fence dividing the two properties is shown in the top picture.

But the structure protects both farms and Phipps has water for his livestock and Davis has space at the outlet for a tank for watering his cattle.

Water quality improved

New approaches are developing in Iowa to deal with an old problem—soil erosion. The incentive is combined federal, state and local efforts to improve water quality in the state's lakes, rivers and streams.

Conservation measures such as terraces, conservation tillage, waterways and stripcropping conserve topsoil and improve water quality by reducing sediment discharge.

Sediment, a major pollutant itself, often carries other pollutants such as nutrients or pesticides, according to William Greiner, director of the Iowa Department of Soil Conservation.

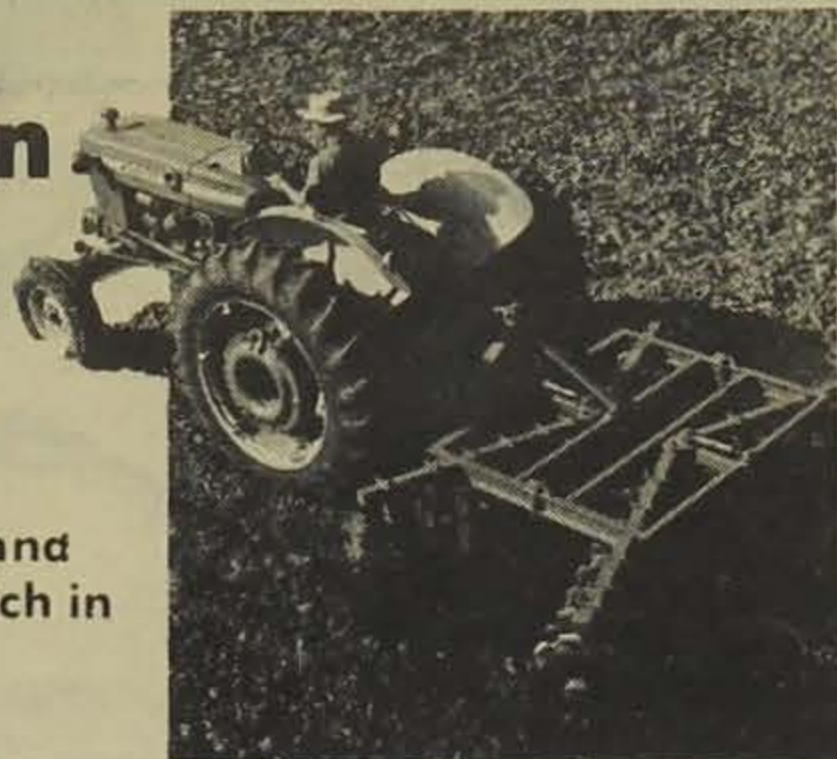
Sediment and other pollutants entering waterways with surface runoff are classified as nonpoint sources of pollution. They cannot be pinpointed and are best controlled by soil, water and land management practices.

Point sources of pollution can be traced to a single origin, such as a sewage treatment plant or a pipe discharging industrial wastes, explains Greiner.

The Federal Water Pollution Control Act Amendments of 1972 require states to develop their own pollution standards. These standards must comply with guidelines established by the U.S. Environmental Protection Agency (EPA). Intent of the legislation is to make the nation's water "swimmable and fishable by 1983".

Soil Conservation For The Good Land

Soil Conservation Results in Better and
More Efficient Farm Operations, Which in
Turn Results in Larger Profits



Belzer Ford Is Proud of the Accomplishments of the Farmers in Monroe County, the Contribution They Have Been Making to Soil Conservation Since the Monroe County Soil Conservation District Was Established More Than 30 Years Ago.

Contouring, Good Waterways, Inlet Structure, Good Farm Ponds, Good Protective Cover Are All Practices That Assure Us That Future Generations Will Also Have a Chance to Enjoy This Land.

Belzer Ford & Mercury, Inc.

Hwy. 34 West

Albia

**Monroe County Soil Conservation District
Fiscal Year '76 Accomplishments**

New cooperators	28
New Conservation plans	17
Revised plans	3
Group inventories and plans	7
Erosion control dams	14
Parallel tile—outlet terraces	64,500 ft.
Grassed waterways	3 acres
Water impoundment reservoirs	8
Wildlife habitat management	201.5 acres
Drainage tile	239,359 ft.
Land adequately treated	1,177.5 acres

District Commissioners
 Ollie Kaldenberg, Chairman
 Albert Etcher DeWayne Johnson
 Wm. F. McGrath Raymond Vance

Farming...

**It's Nurtured the Good
Earth of Our America**

★
 We tend to look upon the land as an endless spring of resources, but it's not! Our most valued natural assets are becoming less abundant. It's time to realize what we get from the land is only what we put into it! For more and better ways to practice conservation farming, see our complete line of Kewanee and New Holland farm equipment.

COLTRAIN IMPLEMENT

Highway 5 South

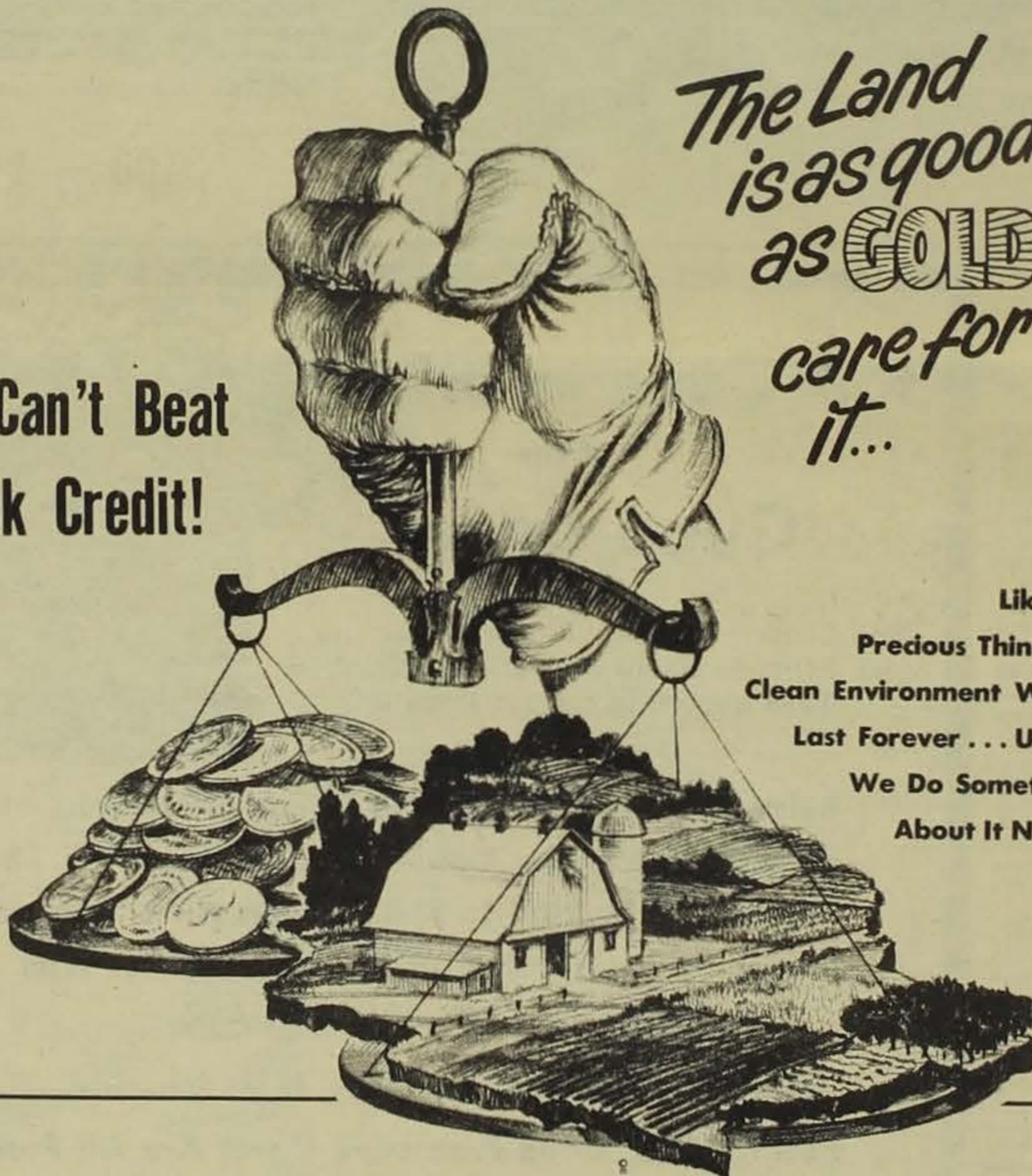
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*The Land
is as good
as **GOLD**
care for
it...*



**Like All
Precious Things, A
Clean Environment Won't
Last Forever . . . Unless
We Do Something
About It NOW!**

Mother Nature is fighting for survival. Her main antagonists—pollution, litter and waste—thrive on thoughtlessness and neglect. These enemies are endangering beautiful countrysides, clean waters and fresh air . . . Let's put a stop to it, **RIGHT NOW!**

Each and every one of us has his work cut out for him to **KEEP** America the rich and beautiful country that it is. We can start by stopping . . . littering the countryside, wasting the elements. Use recycling centers; plant a tree . . . it's not too late to **CARE!**

We Believe in Conserving the Good Earth

PEOPLES NATIONAL BANK



Three Locations to Serve You

Albia

Motor Bank

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