

1982
Fortyth Annual Report
CASS COUNTY SOIL CONSERVATION DISTRICT
Atlantic, Iowa

1982

1982 Annual Report

- 1 Office
- 2 James Gulliford (Department of Soil Conservation
- 6 Steve Stover (Soil Conservation Service
- 1 Senator C. W. Hutchins, 902 Prairie, Guthrie Center, IA 50115
- 1 Senator Charles Grassley, Senate Office Bldg., Washington, D.C. 20510
- 1 Senator Roger Jepsen, Senate Office Bldg., Washington, D.C. 20510
- 1 Representative Tom Harkin, 514 Cannon House Office Bldg., Washington, D.C. 20510
- 1 Regional director: Ed Baldwin, Little Sioux, IA 51545
- 1 Davis Conservation Library, P.O. Box 776, League City, Texas 77573
- 11 SCDs in the following counties: Monona, Crawford, Carroll, Greene, Harrison, Shelby, Audubon, Guthrie, Pottawattamie(2), Adair

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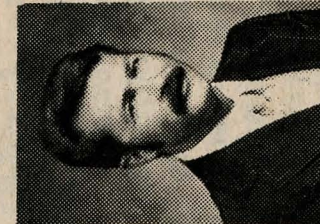
Charles
Koppennolle
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Malcolm Wissler
Atlantic



Calvin Hoegh
Treyner



Richard Lehman
Dexter



Darwin Larson
Red Oak



Charles Kinen
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Bruce Bruck
Irwin



Chuck Sievers
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Dallas Purdy
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Bill Bonar
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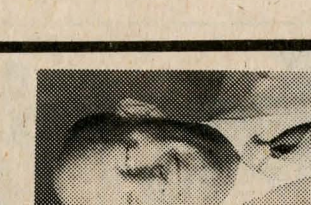
Wayne Huffman
Audubon



Gene Schroeder
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Cliff
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ATLANTIC NEWS-TELEGRAPH

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ATLANTIC NEWS-TELEGRAPH FARM MONTHLY

ATLANTIC, IOWA

JANUARY 29, 1983 ISSUE

County Needs 37.9 Million Feet Of Terraces

First to arrive was the layout crew armed with marking flags, measuring tapes, survey levels, and grade rods. A few days later the tiling machine arrived with huge rolls of plastic tubing. Not many days passed and the bulldozers appeared, and then the hill was terraced.

That was the sequence of events last spring on the Basil Pelzer farm in Noble Township when 3,400 feet of new terraces began the job of erosion control. A total of 169,770 feet of terraces on several different slopes were installed in Cass County in 1982 to reduce soil loss.

170,000 Feet A Year

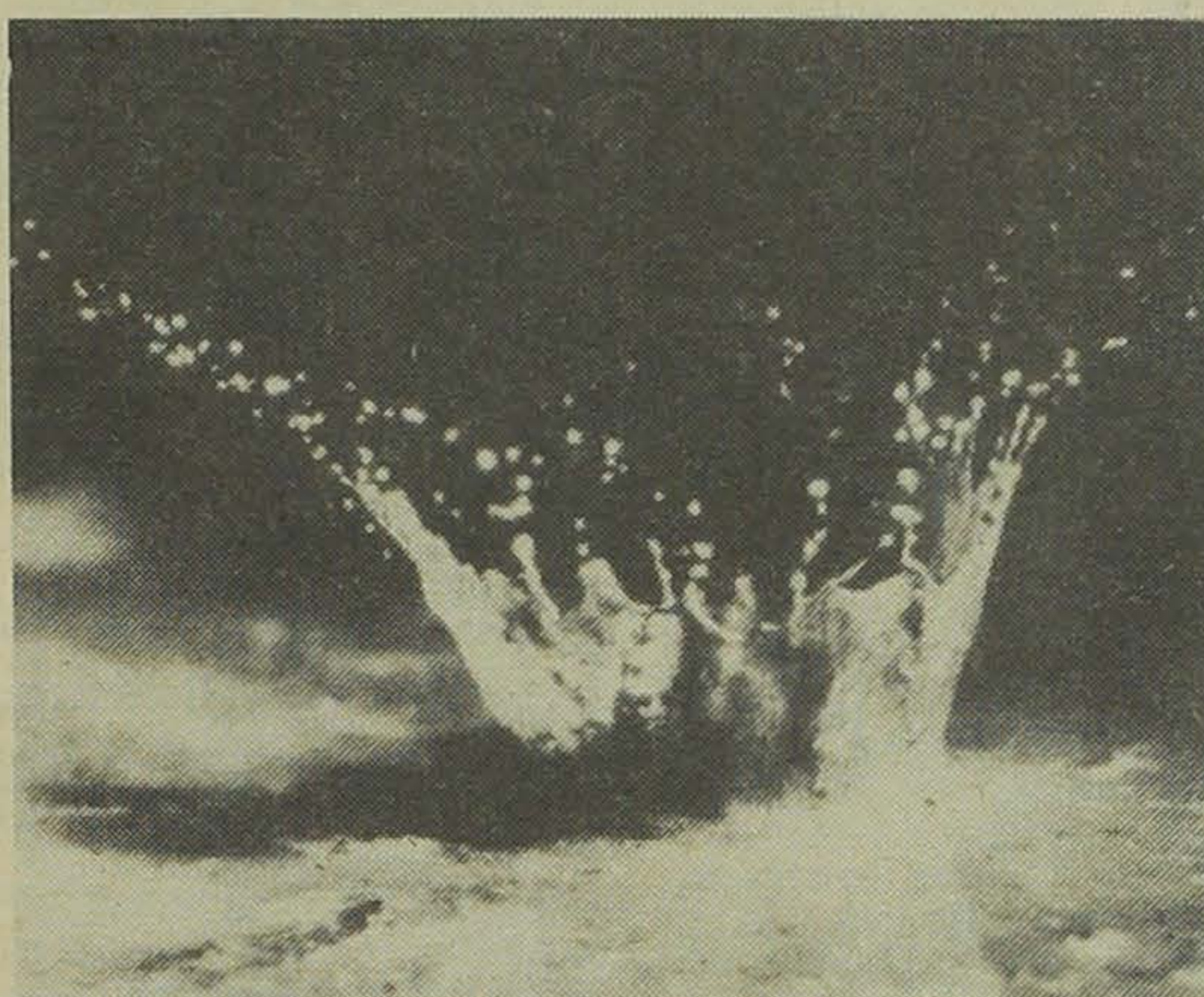
The Soil Conservation District estimates that 37,986,000 feet of additional terraces are needed to adequately protect the cropland in Cass County.

"We are building about 170,000 feet a year. At this rate, it will take over 200 years to complete the terracing job," comments Bill Willis of the SCS. "In 200 years, we can expect that some of our soils will be depleted before we can even get them terraced," Willis concluded.

The terrace program needs to be accelerated at a rate of 3-4 times what is being accomplished now.

"Western Iowa has been designated as a target area because of the high erosion rates and the tremendous need for conservation work," adds G.M. Baier, district chairman.

"We have trained some new people to help with this job, and now we need the other ingredients to move this work ahead. It is going to take money from both public and private sources. It is going to require construction throughout the year when the ground isn't frozen. And it's going to require a good conservation attitude on



This is the impact caused by a raindrop and it can lead to soil erosion.



Crop residues left on the soil surface along with reduced tillage methods softens the impact of raindrops. Reduced tillage combined with other practices help prevent soil erosion.

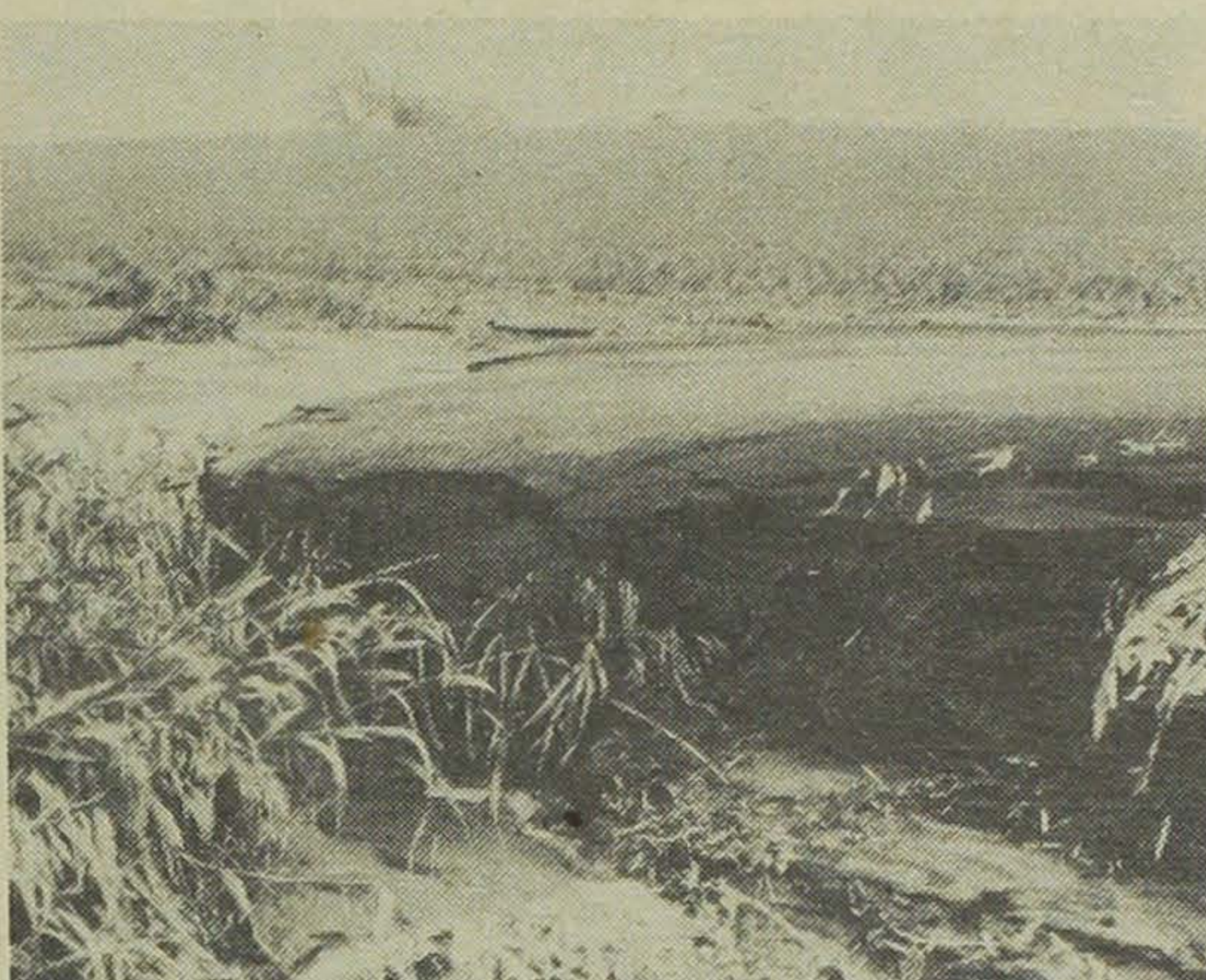
the part of every landowner," Baier concludes.

The corn-soybean rotation on sloping land has increased average annual soil loss to the 25 tons per acre level. This is

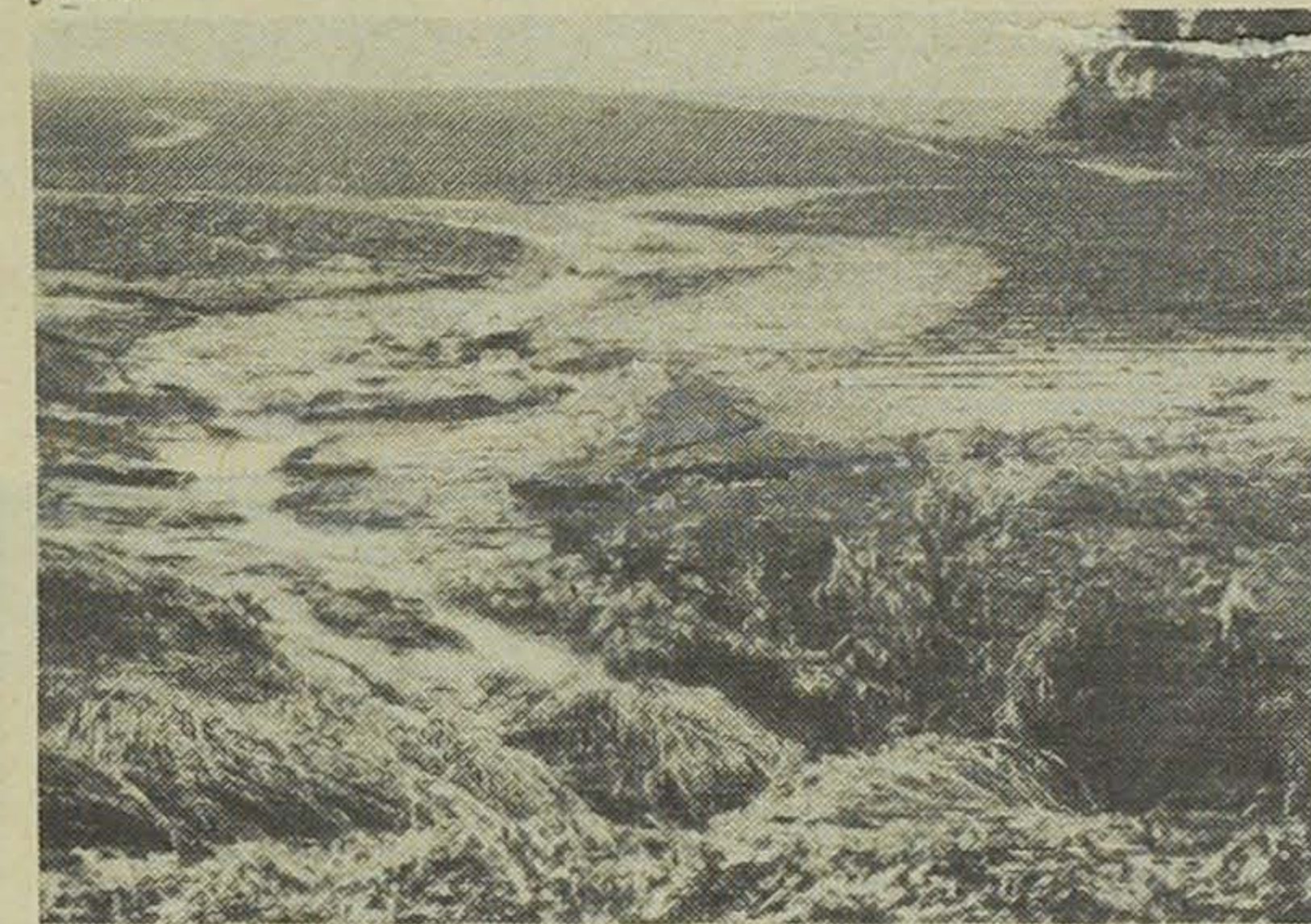
five-times the acceptable level of five tons per acre needed to maintain long-term production.

Soil depletion due to erosion poses little threat to the present landowner, but is of serious concern for future generations.

"I think the day will come when land will be priced according to the depth of topsoil," states Bill Fudge, a district commissioner. "Right now we price a car by how many miles are left and land is going to be



Sediment deposits at the base of slopes, in waterways and road ditches show evidence of severe soil erosion in Cass County. Cass cropland has experienced heavy soil losses in the last three years.



Hill and gully erosion are the more dramatic forms of erosion. Scenes like this were caused by heavy concentrations of uncontrolled runoff in Cass County.

the same way. These farms that have been badly eroded just won't be worth as much because they won't produce," Fudge concludes.

Mainstay Of Program

"We commend every farmer who built terraces last year," says Gary Wolfe, a district commissioner. "We respect every other farmer who has built and is maintaining terrace systems on the land. Terraces are the mainstay of our erosion

control strategy, and we just need to do every bit we can," Wolfe concludes.

Farmers and farm owners building terraces in Cass County during fiscal 1982 were Gerhart Knop, Duane Billings, James Howell, Thelma Keenan, Tom Eitmann, Quad A Farm, Clair Hines, Carl Casey, Leo Thurm in, Gladys Rabe, Robert McLaren, Karl Kuesel, Wayne

(Continued on Page Two)

Little Raindrops Cause Big Damage On Farmland

From little raindrops, small waterways start and soon these become creeks and rivers.

These same little raindrops can also cause gullies and erosion of Iowa's precious topsoil.

Each raindrop strikes the soil surface with tremendous force, tearing loose soil particles. If no soil conservation practices are used on land under cultivation, erosion soon starts and in a short time gullies are formed and top soil washed away.

It was recently pointed out that a half billion dollars is needed in the next 20 years to halt soil erosion in southwest Iowa.

That was the conclusion of a plan developed by Iowa, Nebraska, Kansas and Missouri officials during a soil erosion conference in Maryville, Mo.

An 80-county area in the four states, mostly drained by the Missouri River, is known to have high erosion rates and was designated last year by Congress as a target area for fighting soil erosion.

It was also pointed out that pouring money into the federal conservation programs is not the answer to the problem of soil erosion. Stewardship of the land is still the primary responsibility of the individual landowner, who must cooperate in any program to make it successful.

One speaker at the conference said soil erosion appears to be gaining new ground in the area.

Another said, in addition to installing more terraces, farmers need to manage crops, use no-till methods and convert steep land to grasslands to avoid cultivating it.



New, parallel terraces on the Basil Pelzer farm in Noble Township. These terraces were part of the 169,770 feet built in Cass County last year.

Poets Corner**MY GUARDIAN ANGEL**

God is my Guardian Angel
He watches over me
He doesn't ask for money
He does it all for free!

I thank Him by helping others
Get through a weary day,
And feeding hungry creatures
Who happen to come my way!

Eileen Harris,
Atlantic

GUARDIANS IN WHITE

In the still of the night
soft footsteps draw near
In the hand a flashlight . . .
my heart chilled with fear.

In utter helplessness
I cry out in fright
Is there none to witness
the pain of this night?

A touch, soft words murmured
a shot in the night
And gently I'm assured —
everything's all right.

Pain ebbing, fear takes flight
comforted I see . . .
A calm face framed in white
watching over me.

Those who walk the long halls
all dressed in pure white
Within those steril walls . . .
God keep you in His light.

Jeri Ward,
Atlantic

MY PRAYER

Dearest Heavenly Father,
Thou truly art the Creator
supreme,
When I see the art Thou hast
brought into being;
And the beauty of nature
fascinates me,
As some sort of vivid and
glorious dream.
Of small hills gently rolling and
the wide open sky,
Makes me always want to
stand back and sigh.
The towering pines seem to
stretch towards the sun,
Maybe towards the Anointed
One.
Each morsel of nature screams
out to be known,
As I search and demand for it
to be shown.

A deer aflight, a quick fox, the
search of an owl,
Racing rabbits, squabbling
squirrels, a contended cow.
Bittersweet bushes along the
road,
Call me to pick some for
vases at home.

Frosty cool nights of winter's
eves,
Makes me see You in every-
thing I see.

I want to explore whatever is
new
To reach out and touch as if
I'm possessed,
To seek and find Your loveli-
ness.

The painted sky of color com-
binations unknown,
Is truly the glory of God being
shown.

While waiting for the trumpet
to sound,
I still am looking and searching
around.

Sequias, the mountains, and
the vast sea,
Are urging and calling and
beckoning me.

All the facets of nature that I
long to see,
Reminds me of unknown
beauties which remain to be
seen.

As I long for all of this and
more
A voice cries "Mommy" from
out the back door.

Brayton beliver,
Debbie Gust

INVISIBLE HANDS

Prayer is God's hand
taking my hand
when I reach
upward to Him.

— Nora Newman,
Atlantic

WOULD YOU?

For a little birthday party,
Would you make a little cake?
To share a hearty meal,
Would you broil a little steak?
Would you make some
lemonade,
In the summer when it's hot?
Or when the weather's cold,
Put on the coffee pot?
If a special friend was hurt,
Would you shed a little tear?
Or if someone jumped for joy,
Would you give a little cheer?
These things and more do
happen,
No matter what we do.
And the words we like to hear
Are yes, please and Thank You.

Mae C. Nelson,
Urbandale

PRINTER'S PROGRESS

January, National Printer's
Week
Acknowledges our debt;
When ear to ear our stories
grew,
The input blew the alphabet.

— Maryleona Ecklin Berg
Wiota

LETTERS IN THE MAIL

Postage is high and letters are
few
But I still look forward to hear-
ing from you.
You've moved so very far away
But when your letter came
today,
Somehow it seemed to bring you
near
And oh, you'll never guess, my
dear
What joy it gave me.

— Marjorie McVicker Sutcliffe,
Audubon

PRINTS

On the sands of time
if we sit and bask,
"Will we even leave
one footprint?" I ask.

— Nora Newman,
Atlantic

LOVE IS

Love's not a busy thoroughfare,
Where traffic runs one way;
It's an interchange of thought-
ful acts,
And caring words each day!

It's not an idol, raised on plat-
form high,
Receiving adulation;
It's not a required duty,
In a regulated organization!

Love is spontaneous,
And quite relaxed;
It requires no laws,
And it can't be taxed!

Love is not merely emotional,
Not to say that sex is excluded;
But it's more than earthly
sensuousness;
Love shows that you are
included!

Love makes you a part
In somebody's sharing;
You've a place in their heart;
You're no object of caring!

Not just self-centered motives
Imposed upon others,
It's looking at people
As sisters and brothers!

Love's an act of the will,
Showing kindness to others;
Not feigning or fawning.
But acting like lovers!

— A. Watcher

DID YOU MISS CHRISTMAS?

I almost missed Christmas!
Now how can that be —
'Twas early December I pur-
chased my tree
And trimmed it with baubles of
bright shiny red,
And placed the big star shining
high o'er my head.

I almost missed Christmas!
How can it be so —
I frosted the gingerbreads all
in a row
And carried filled plates to my
friends 'cross the way
And promised to come back and
visit some day.

I almost missed Christmas! Oh,
no, it's not true —
Why, I wrapped my gifts in
bright silver and blue
And piled them so high 'neath
my green Christmas tree —
But why all this emptiness in-
side of me?

Oh, I left the Christ out of
Christmas, my friends,
The dear Babe of Bethlehem,
God's gift to men
Was Born in a manger and
cradled in hay,
Adored by the shepherds and
wise men that day.

No Christ in our Christmas?
How tragic but true!
No room for the Savior who
died just for you.
There's room for the presents,
the star and the tree,
But no place for Jesus who
came to save me.

Now, did you miss Christmas?
I hope it's not so.
This dear loving Jesus who
came long ago
Is waiting to find a new home in
your heart.
Please let Him come in, He will
never depart.

Pauline Martens,
Griswold

Don't drive if you drink!

**County Needs
39.7 Million
Feet Of Terraces**

(Continued From Page One)

Kirchhoff, Vic Myers, Frank
Essington, Tanner Farms, Jack
Osborn, Bill Pellett, Bob Skow,
Shankle-Titus Farm, Harry Mc-
Kee, Lawrence Eilts, Earl
Miller, Ella Kuehl, Richard
Kay, Bob Sothman, Esther
Mills Estate, Harold Steffen,
Marvin Penfold, Basil Pelzer,
Charles Smith, Lyle Chestnut,
Dan Follmann, Oscar Mikkelsen,
Frank Casey, Lowell Hall,
Kenneth Muller, Jack Erickson,
Eblen Brothers, Art Friday,
Donald Brahms, Robert
Schwarte, Lowell Wedemeyer,
LaVern Alexander, First
Lutheran Church of Wiota,
Richard Rudolph, John Mc-
Govern, Royce Kitelinger and
Gene Leslie.

Polaris — the North Star --
isn't exactly over the Earth's
North Pole. However, because
the Earth wobbles a bit on its
axis, it is now much closer to
true north than it was 2,000
years ago.

Soil Conservation

In cooperation with the
Cass County Soil Conserva-
tion District, The Farm
Monthly is presenting a
number of stories about the
need for conservation of
farmland through preven-
tion of soil erosion and what
has taken place in the last
few years. Interest in
expanding the soil conserva-
tion program is gaining
headway in the nation as
more people realize the
danger of losing topsoil
through neglect of the land.

The oldest college humor
magazine in the United States is
the Yale Record, begun in 1872.

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JOHN FANCOLLY**

243-1896

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DISNEYWORLD & NASHVILLE: 11 days, \$517, March 10 and
April 14.

WASHINGTON, D.C.; WILLIAMSBURG: March 29, 10 days,
\$517.

NASHVILLE OPRY: April 14, 5 days, \$240.

ARIZONA SUNSHINE: March 10, 16 days, \$799.

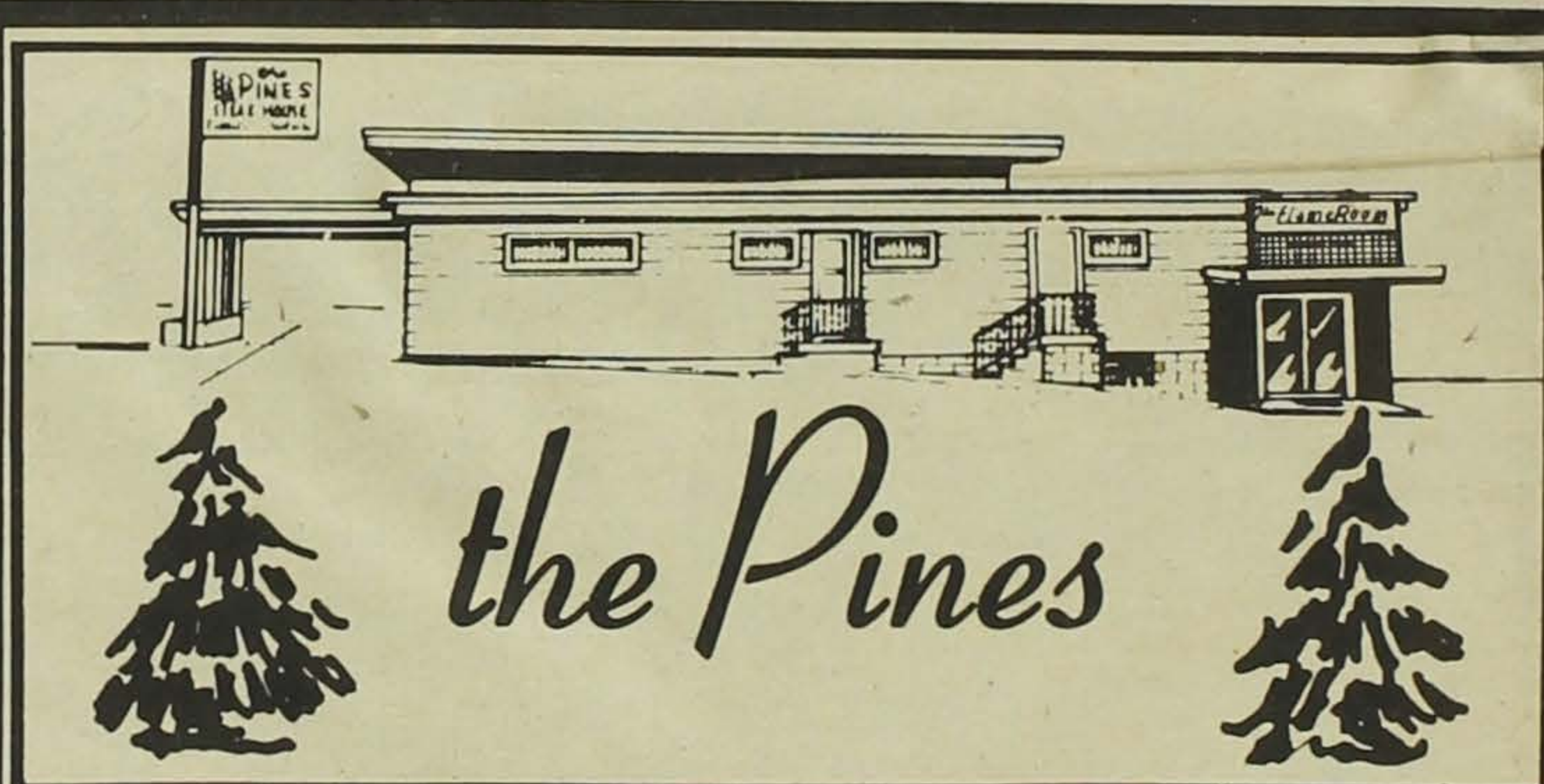
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FARM MONTHLY



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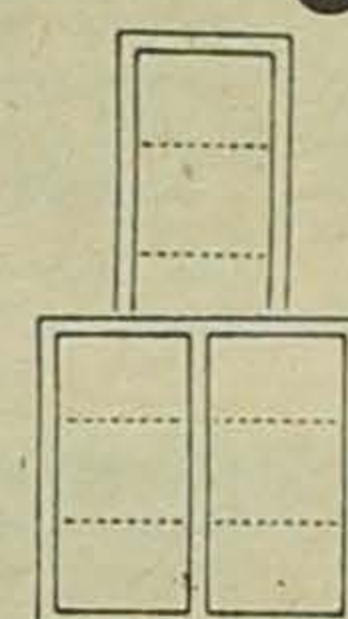
KITCHEN CABINETS

Prefinished wood tone modern style kitchen cabinets. Let our skilled sales personnel help you design the kitchen to fit your needs!



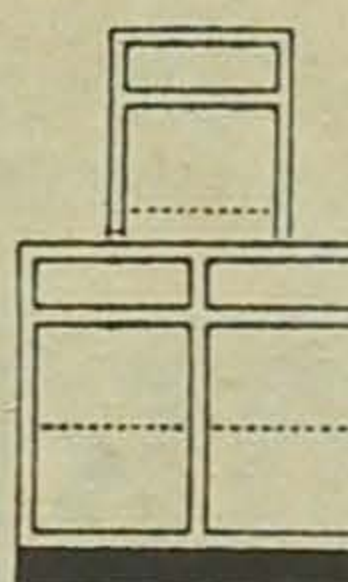
• Beautiful • Pre-Finished
• Assembled • In-Stock

OAKCREST



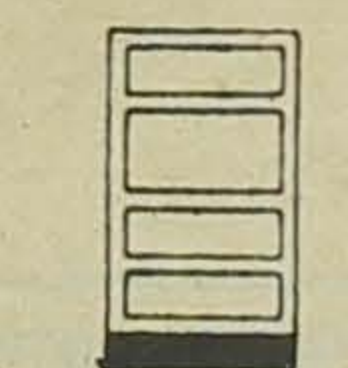
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W-2130	\$39.30
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W-3630	\$59.75
W-4830	\$68.85



34 1/2" Base Cabinets

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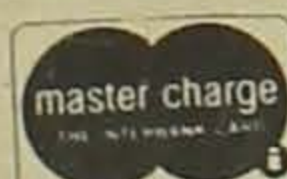
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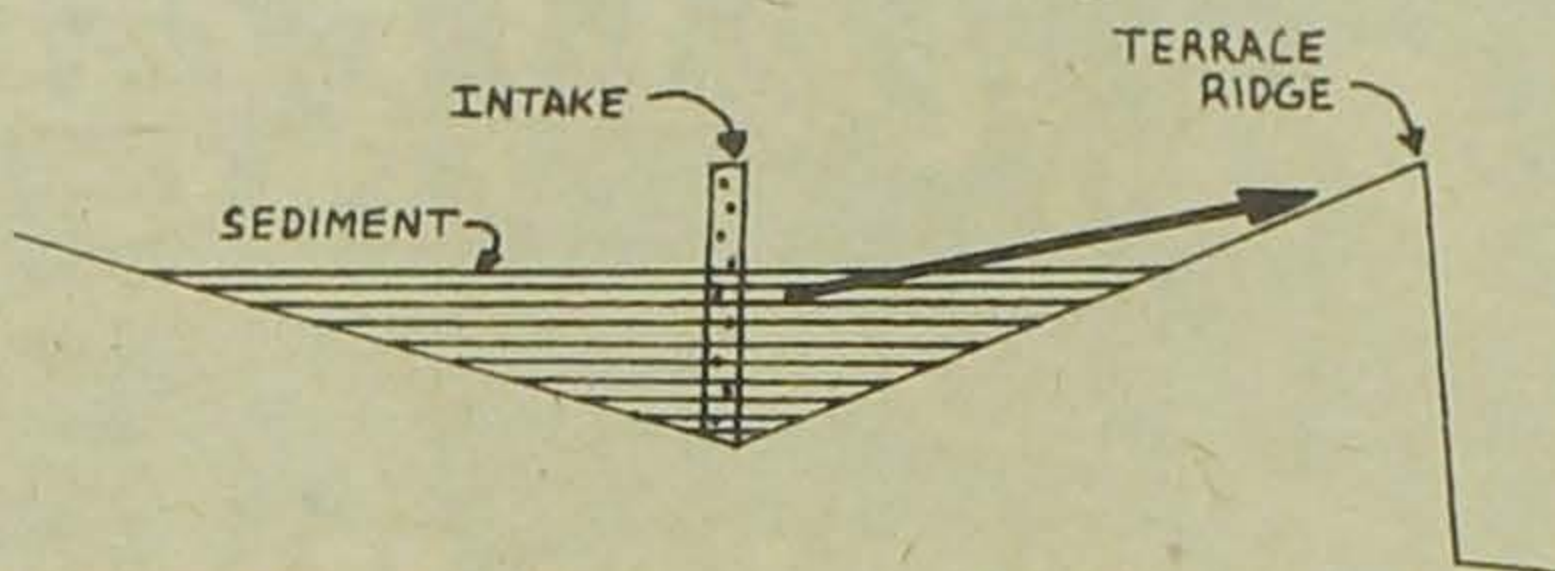
Retail sales of popcorn, on the rise in the United States, are estimated at about \$200 million for 1982.

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Terraces Need Maintenance Work Every 4-5 Years



Sediment trapped in terrace channels should be pushed up on the ridge every 1-5 years.

Owners of tile outlet terraces should be aware of the need for periodic maintenance. Soil will move between the terraces and collect around the terrace intakes providing a strong clue that maintenance is needed.

Terrace intakes are usually four feet tall after construction. After a few years, the intake pipes will appear much shorter. This is strong evidence that sediment has collected and maintenance is urgently needed.

The collection of sediment should be used to build the terrace ridge higher.

"It is important to perform terrace maintenance every 4-5 years," comments Bill Willis with SCS. "The sediment deposits around the intakes subtracts from the original designed water storage lessening the effectiveness of the terrace. If the ridge is built higher, the terrace will again function as well or better than the original design."

Maintenance can be performed using a wide variety of equipment. It is possible to do maintenance with a tractor and plow if it is done every 1-2 years. Bulldozers or motor graders are commonly used to transfer sediment from the terrace channel to the ridge. Small scrapers pulled by farm tractors can also be used for this job.

Normal maintenance should not be confused with storm damage.

"Tile outlet terraces are built to store two inches of actual runoff. In the last three years, we've seen storms that produced two or three times that amount of runoff and the terraces have been damaged. Overtopping produces holes in the terraces and damage to the backslopes that must be repaired quickly. There is a big difference between terrace maintenance and repair of storm damage," states Willis. Terraces will perform their function for many years if properly maintained.

"You can't run a tractor for thousands of hours without changing oil. Regular maintenance of terraces will assure a long, useful life also," Willis concludes.

Advice on how and when to maintain terraces is available without charge from the Soil Conservation Service offices.

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FOR SALE: J.D. 13-row bean planter. 712-482-3406.

FOR SALE: Registered Angus semen from either of our herd sires. One is son of "1980" and the other "Rito 72." We have complete weight records on progeny of both. \$5 a straw or 10 straws for \$40. 712-767-2539.

FOR SALE: Brother knitting machine with ribber and all attachments. Like new. Mrs. David House, Rt. 1, Cumberland. Free, small puppies.

FOR SALE: SPF Duroc boars, 1/2 brother to our 2nd high indexing boar at the Iowa Duroc test in Ames. His figures are: gain, 2.57; probe 1.02; loin, 5.28; days to 230 lbs. 137; index, 232.8. Durwood Purdy, Fontanelle 515-743-2719.

FOR SALE: 300 gallon round gas barrel with hose and nozzle. \$15. 712-783-4222.

FOR SALE: Buffalo till plateless planter and flex cultivator. 712-744-3152.

FOR SALE: Grass seed for set aside. Good price. 515-742-3780, Glen Stonebreaker. 2Jan.

FOR SALE: Registered Chester White boars from high indexing herd sires. Tested and guaranteed. Terry Curry, Corning. 515-322-4990.

FOR SALE: Eight young Angus cows, three bred heifers, five registered Angus heifer calves. Performance records, priced to sell. Prairiedge Farm, Neal and Ardythe Smith, Walnut, 784-2244.

FOR SALE: Hay. Square bales, no rain, in barn. 515-747-3603.

FOR SALE: July and August Duroc boars, open gilts, Brucellosis and pseudorabies validated herd. Harper Duroc Acres, Jacksonville, 799-4255.

FOR SALE: Excellent selection of performance tested Angus bulls, 2-year-olds and yearlings, sons of popular A.I. sires. Prairiedge Farm, Neal and Ardythe Smith, Walnut, 784-2244.

★ REAL ESTATE

FOR SALE: Or rent/160 acres near Massena. Kenneth Bentley, 712-482-3274.

LAFF-A-DAY



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1:00 P.M.

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Two Swivel Rockers Davenport
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- APPLIANCES -

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Montgomery Ward electric Dryer
Westinghouse Refrigerator
I. H. upright Deep Freeze

- TOOLS - LAWN & MISC. -

Two 6' Step Ladders 10' Ladder
Picnic Table Hand Tools
Fishing Rods and Reels 4 Lawn Chairs
Shovels Bicycle Garden Tools
Many more items too numerous to mention!

- MISCELLANEOUS -

Exercise Bike; Mirro-Matic 22-cup coffee maker, (new); Brown Ironstone dishes (12 place settings) (few missing); Community set Silverware (12 place settings) w/extras and case; Pans; Revere Ware pan set; Toasters; Coffee Pots; Several Cookbooks; Several Glasses; Hamilton Beach Elect. Mixer; G.E. Can Opener; Sears Elect. Skillet (Teflon); Tupperware; Steak Knives (6); Casserole Dishes; Bedding (pillows, spreads, dust ruffle, etc.); Two Electric Blankets; Towels; Humidifier; Box Fan; Cookie Jar (new).

- ANTIQUES & COLLECTIBLES -

Oak Table w/4 matching Chairs
Oak Center Table
Linden 8-day Mantel Clock (works)
Beveled plateglass Mirror Ruby red candy Dish
Ruby red Vase Frosted Glassware
Handpainted Dishes Hobnail pieces
22-K gold trimmed Fascination Bowl
Salt & Pepper Shakers Child's China Set
Three sets gold trimmed, handpainted Cream & Sugar
Pink depression Glass Figureens
12 Crystal Glasses Cut Glass Pieces
Etched Glass Pieces Two leaded Windows
Army Uniforms Animal skin lap Blanket

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4-H Leader Of The Month

(First of a New Series)

Mary Ann Moorman has been selected as the Cass County 4-H Leader of the Month. She has been a leader of the Glad Girls of Grove 4-H Club for three years, serving in the capacity of program leader.

Mrs. Moorman, the former Mary Ann McGovern, started her 4-H experiences as a 10-year member of the Franklin Farmerettes 4-H Club in Franklin Township. She served as county council secretary for a year and carried all of the home economics projects, plus beef, both market and breeding livestock. In addition to showing beef at the Cass County Fair, she also went to beef shows at the Iowa State Fair, Ak-Sar-Ben and Chicago.

She was actively involved in demonstrations as a 4-H member and stayed in a bomb shelter for a week to learn first hand survival techniques. Following her stay in the shelter, she gave a demonstration explaining her experience in helping others learn survival techniques. Her demonstration advanced to win top recognition at the state fair.

Program Leader

Mrs. Moorman continued her interest in the 4-H organization by serving as program leader to her local club. Her main contribution in the Grove Club has been to help members and parents complete a questionnaire on what they feel the needs are within the local club.

After they are evaluated, she meets with the club officers and develops a model program. A final meeting is held with the leaders to include their goals for the year. Her job is to take all of these suggestions and develop a workable plan for the year. She also gives assistance throughout the year to help members with their educational presentations, goals and projects.

In 1982, she served on the communications department at the fair, helping with educational presentations, working exhibits and share the fun. During the fall organizational leader training session, she shared her experiences and ideas for other leaders to use in their clubs relating to motivation.

The highlight of Moorman's 4-H career was the opportunity



Mary Ann Moorman

to attend the North Central Regional Conference in South Dakota in 1981 and in Wisconsin in 1982. She had the opportunity to help plan the state's leaders' forum in 1982 and direct a workshop on careers. She enjoys the interaction and exchange with other leaders at these workshops and says they all have a common goal, "To Make the Best Better."

Enjoys People

Moorman says she enjoys being a 4-H leader because, "I enjoy working with people. 4-Hers are a super bunch of people, whether they are first year members or whether they are an adult who has been a

leader for 20 years. I find that I can gain from each 4-H event that I attend. I especially find that I gain a great deal from working with the professional staff on the local and area levels. Cass County can be very proud of the quality of program they are providing."

She sums up her feelings about her involvement in 4-H like this: "4-H has been a very positive thing in my life. Many of the skills which I learned as a ten-year 4-H member are skills which can be and are applied almost daily. 4-Hers today have a tremendous opportunity to grow and learn now in preparation to be the leaders of tomorrow."

Farming Steep Land

By Max Miller
District Commissioner

If farming steep land means intensive row cropping, I think the profitability part beyond reach, unless it is averaged out with some very good low percent slope or flat land. On the other hand if the steep land is put in a rotation and very seldom row cropped it would have potential for a profit.

The steep land could be terraced to stabilize it; then it could stand more row cropping, but as its production is already limited that puts the profit farther in the future. The steep-land should be seeded down to put in set aside.

COMET COULD MISS ALAMOGORDO, N.M. (AP) — Halley's comet arrives in the earth's area of the solar system only once in most human lifetimes.

Millions of people expect to share the sight of a vast stream of radiance flowing across space in 1985 and 1986.

But according to an astronomy expert, this generation may be the first in the past 2,500 years to miss the spectacle.

The problem is light pollution. Present levels of artificial illumination will make Halley's comet invisible from most cities and barely perceptible from many suburbs.

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Buddha Given Seasonal Clothing

In exotic Bangkok, the capital of Thailand, there sits enthroned in splendor the Emerald Buddha, a priceless object of veneration which attracts thousands of worshippers every day.

"The Emerald Buddha is considered so sacred," Connoisseur magazine reports in the January issue, "that visitors are forbidden to take photographs. The only person to get physically close to Thai-

land's most precious relic is the king himself."

The Buddha, actually jade, probably was carved by an unknown artist in northern India about 2,000 years ago, was stolen time and time again by admirers.

"Smooth as water, precious beyond price," the article says, "the Emerald Buddha perches serenely atop a solid-gold throne inside a vividly-painted chapel amid the bustle of downtown Bangkok. The treasure is small (about 19 inches wide, 26 inches high)."

The Buddha, by tradition, has a change of adornment by season — a vest for the hot season, a robe for the rainy season, a mantle for the cold season. Only the king may make the change.

"Recently," notes Connoisseur, "King Bhumibol, with an entourage of priests and guards, climbed hidden steps behind the Emerald Buddha's throne and then, to the accompaniment of band music and temple bells, carefully cleaned the image with a pure white cloth and somberly changed his garb to the cold-weather cloak."

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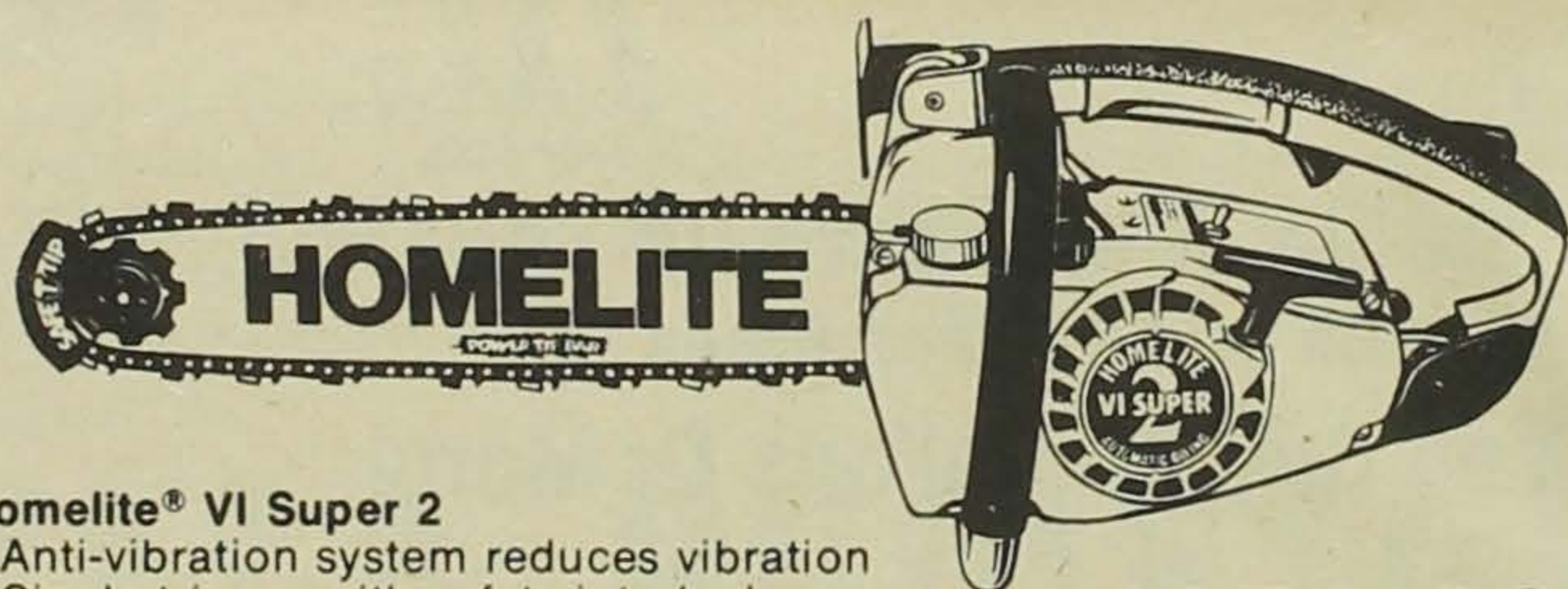
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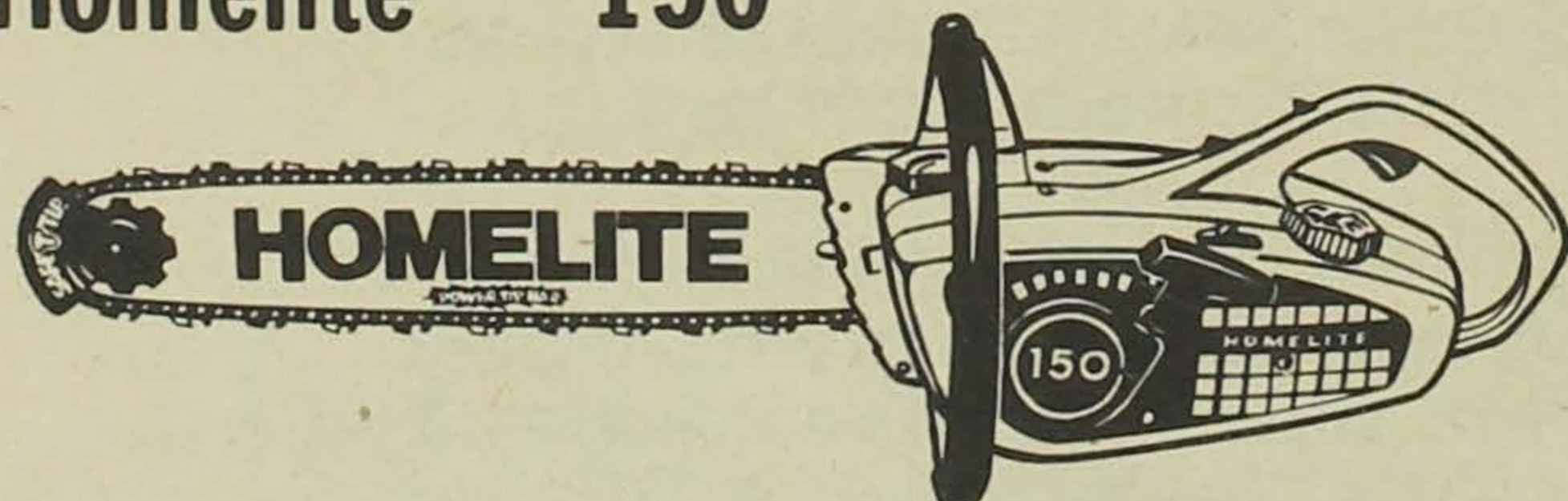
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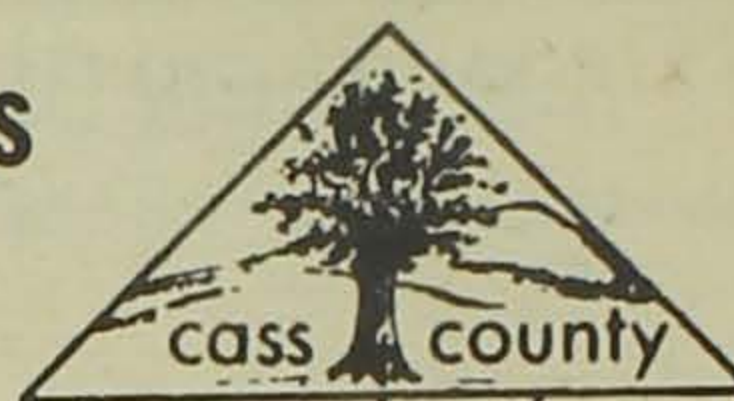
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Needed Clues Of Roots



By Edna Christensen

Cass County
Genealogical Society

I know from telephone calls that many are working on family histories. The Cass County Genealogical Society invites persons interested in family history to attend its meetings which are held the fourth Tuesday of the month at the Atlantic Carnegie Public Library basement meeting room.

Each member is interested in a different area of research, such as veterans records, census reports, states and countries and will share ideas to help the researcher.

Records received from overseas can cause some confusion. I will use my Danish research as an example. Most times you will receive a baptism date, not a birth date. The custom of not giving the child a name until the child was presented in the church seems to be the reason for this date being used.

A marriage date is not always given, either. Many times a "trolovet" is used. I have not found this word in the Danish dictionary, but a combination of words I looked up means betrothed.

Many times the date of a burial is listed on the records,

instead of the date of death.

When using census records and many other records, the name of a person is often misspelled. It is important to check out other ways to spell the name.

Steve L. Hanken, 1508 Fifth Avenue Southeast, Cedar Rapids, Iowa 52403 is seeking information on James Mayhew and his daughter Annie Elizabeth Mayhew, who married William Elmore Cannon. The Cannon's daughter, Mary June Cannon, married Edward William Sheumaker or Shoemaker.

A six-week course in genealogy will be held on Monday nights at the Iowa Genealogical Society Library, 6000 Douglas Avenue, Des Moines. The course is from 7-9:30 p.m. and starts March 28.

Because of limited seating capacity, the first 40 persons who register will be accepted. Telephone 515-276-0287 if interested.

For further information about the Cass County Genealogical Society, write me at 706 Hazel, Atlantic, Iowa 50022.

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- 1974 966 diesel, cab, new t.a. and tires.
- 1975 1066 diesel, cab, air, low hours.
- 1976 1086 diesel, cab, air, low hours.
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By
Mrs. L. Fay Eblen
Cass County
Extension Home Economist

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Free single copies of the handbook are available by writing the Consumer Information Center, Pueblo, Colo. 81009.

Keep Microwave Oven Clean

If you're the proud, new owner of a microwave oven, then you'll want to keep it operating in tip-top condition. One way to help assure that is to keep it clean.

Wipe up spills and crumbs right away, especially around the door seal. Radiation leakage could be caused by a buildup of soil there.

The best way to clean your oven is with mild detergent and water. Never use scouring pads or steel wool. Keep your microwave oven clean and you'll prolong its good service.

Breakfast Pays Off

Research done here in Iowa shows eating breakfast has big payoffs — for all age groups. When you skip breakfast, you pay the consequences about mid-morning. Mental reactions slow down. Muscle fatigue increases. Work output plunges down. Before rushing off to work or school, eat breakfast.

Juice, cereal, toast and milk should do the trick. But you don't have to be so traditional. Try juice, soup, sandwich and milk, or an orange, hamburger, bun and milk. Cottage cheese,

fruit and a wheat cracker would be a good combination. Start the day off right.

New Drug For Acne

Acne is not a new problem, but it does have a new solution. Dr. Dale Terry, Iowa State University Extension nutritionist, reports the oral drug Accutane has been approved by the Food and Drug Administration, but only for treating the most severe forms of acne.

It does have some side effects, such as dry skin and chapped lips. It also may cause an increase in cholesterol and/or triglycerides in some people.

Accutane is a synthetic form of vitamin A and is available only by prescription.

Some people may think they can get the same results by taking large doses of vitamin A supplements, but that can be very dangerous. Those supplements are fat-soluble and can build up to toxic levels in the body. The new drug is water-soluble and so can be excreted.

An estimated 85 percent of American teens have acne and are looking for ways to cure it. Most dermatologists agree the most common cause of acne is simply the increase in hormones that occur naturally at that age.

Myths abound on the relation of certain foods to acne, but few studies have found any conclusive results. Chocolate, soft drinks and sweets are often-claimed culprits, but the tests that have been done have shown them to have little influence on acne.

However, alcohol has been shown to increase skin inflammation and acne. High doses of iodine, such as in cough syrup, also tends to make acne worse.

ARTS ENCOURAGED

WINSTON-SALEM, N.C. (AP) — The Governor's Business Council on the Arts and Humanities, formed in 1977 as a non-profit organization to encourage support for these endeavors from businesses in North Carolina, received 74 nominations for awards last year.

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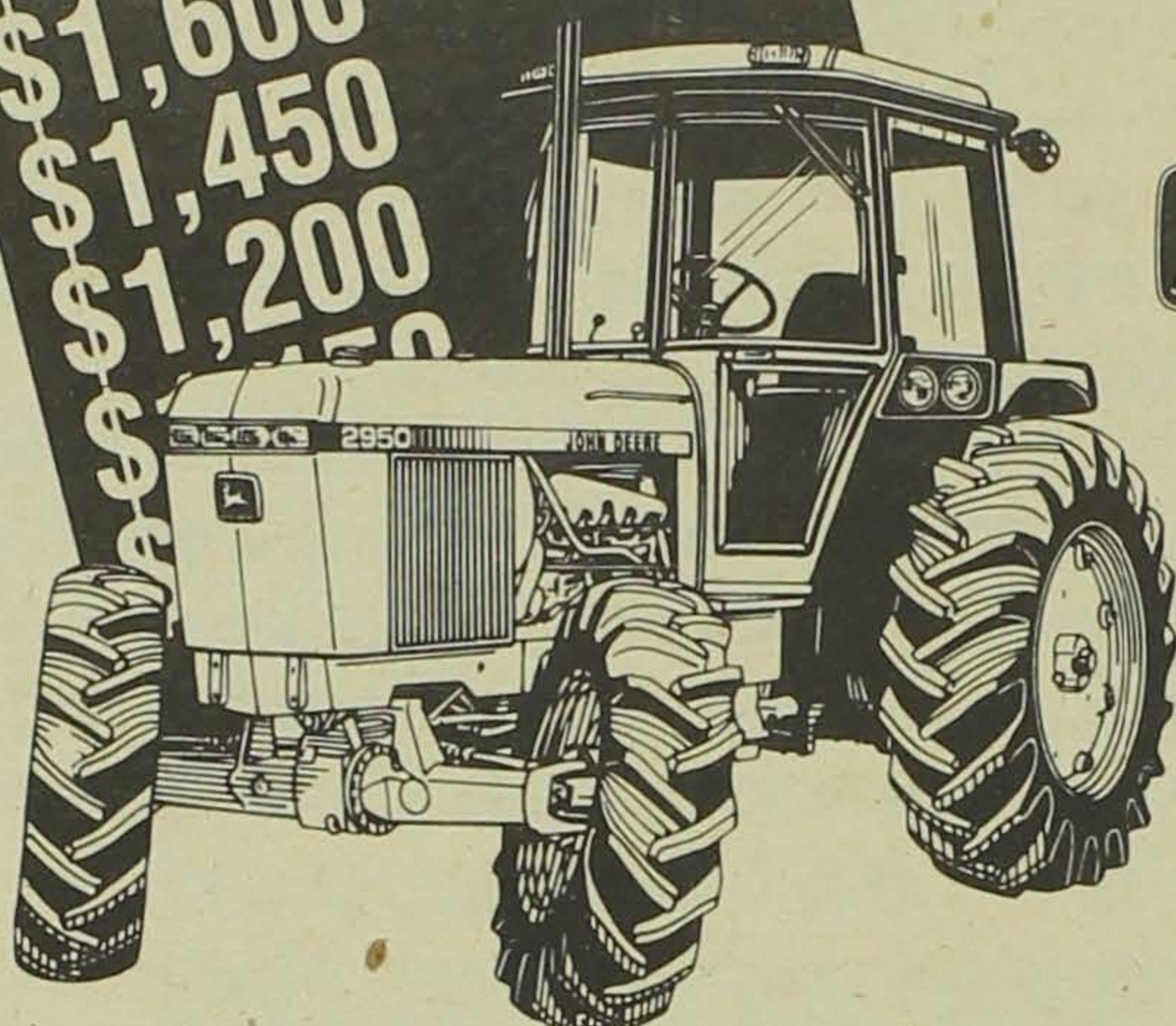
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Combination Best Way To Control Soil

By Steve Stover
Area Conservationist

The best protection against erosion is accomplished by combining structural and management practices. Farmers in 12 west Iowa counties are stepping up the application pace.

Last year terraces remained the most popular structural practice, followed by windbreaks, waterways, and ponds. Application of management practices such as contour farming, conservation, and no-till cropping systems made dramatic increases last year.

The 12 west Iowa conservation districts built 490 miles of 1,852 miles constructed in Iowa last year. Farmers used broad base, grassed back slope and the newer narrow base terraces to slow erosion.

Tied end to end, 20 midwest states could be reached by the 490 miles of terraces. They are constantly visible from air or along any western Iowa road.

They reduce erosion by breaking up the length of slope and are effective year round.

They allow for contour farming, the most important management practice.

The terraces and contouring combined with longer rotations, conservation, and no-till cropping systems develop the ultimate in cropland erosion control.

During the 1982 crop year, 500 farmers used no-till or strip till systems. This is about double the 1981 figure.

Farmers are finding weeds are not a major problem when using no-till. Yet, the system saves labor, fuel, soil moisture, and most importantly the soil from wind and water erosion. No-tillers report yields nearly equal to, or in many cases, exceeding conventional tillage systems.

Farmers are forgetting the moldboard plow and using the chisel or disc. Shallow tillage operations are leaving crop residues on the surface.

They protect the soil from the forces of erosion. This was very evident from the heavy rains last spring. Applied fertilizer, herbicides, and insecticides stayed at home if the soil was protected with a blanket of residue and terraces.

No-till planting made significant increases last year. Conservation districts, soil conservation service, extension service, and fertilizer, chemical and equipment dealers joined forces to assist farmers applying this important erosion control practice.

Interesting aspects of county programs included:

Demonstration plots, planter rental programs, county fair displays, road-side signs, tours, local promotion contests, yield contests, ISU wildlife research, planting in crown vetch, and no-till clubs.

Producers who used no-till in 1982 are planning increased acres in 1983.

The Soil Conservation Service has a trained staff available to help plan and apply the needed conservation practices on a farm. A conservation plan for a farm is important. It provides information on soils, topographic and other information necessary to make sound land use and management decisions.

The plan will also provide alternate practices for protecting a farm. It may be that either contouring, strip cropping, conservation tillage or other practices will solve an erosion problem. Normally a combination will be needed to eliminate erosion from ruining your farm.

EUROPE



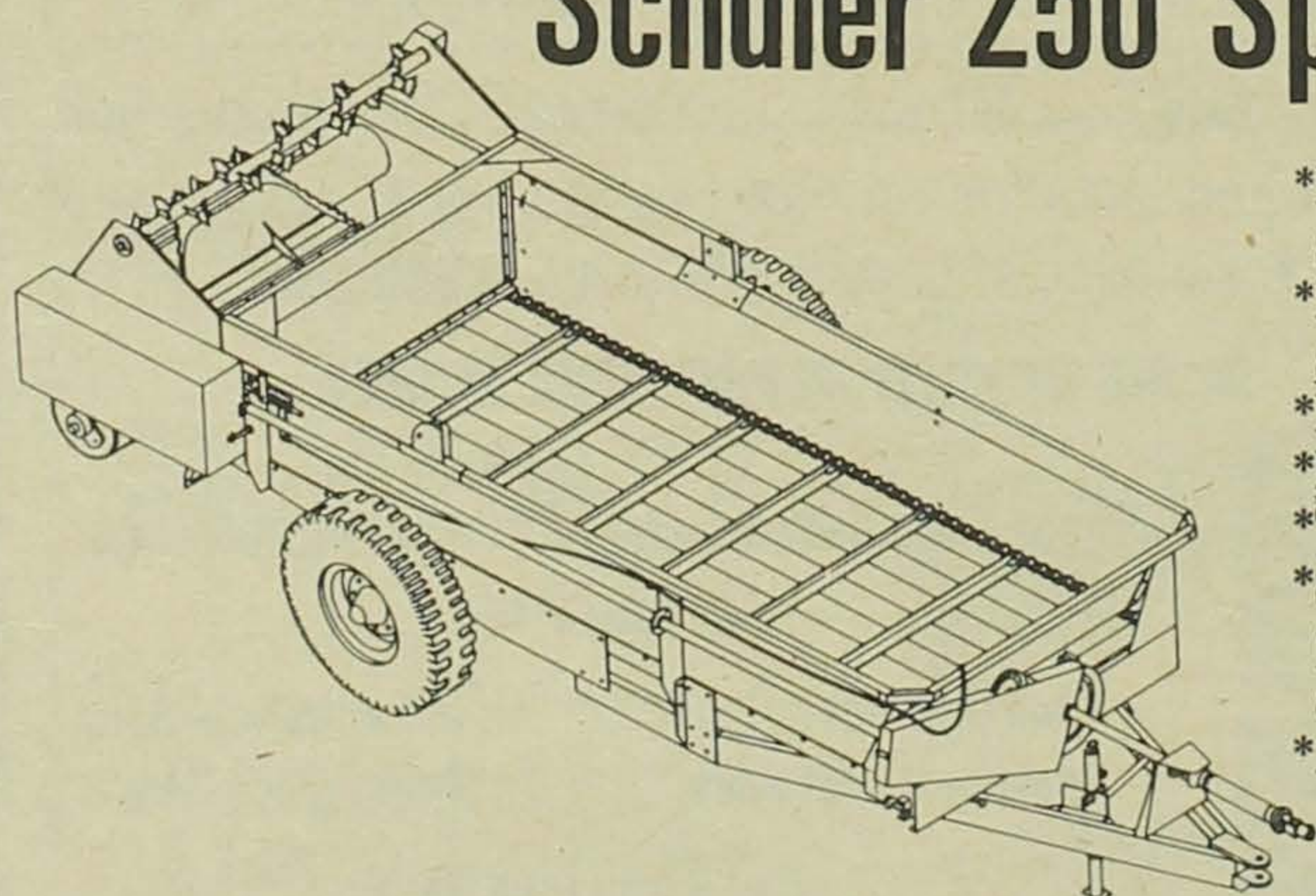
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40 Years Ago With Company K

By Gene Mallette of Atlantic

(Editor's Note — This is another in a series of stories from the official report of Capt. H.L. Moore regarding the sinking of the SS. Duchess, the ship that carried Company K troops from this area to Ireland. The ship was torpedoed about nine months after transporting the troops.)

Sunk by 3 Torpedoes
From U-Boat On
10th October, 1942.

5. — At 0725 a third torpedo found its mark on the starboard side abreast No. 3 hatch. I was on the bridge when this torpedo exploded and although I did not realize that any water was thrown up the bridge was covered with water a few seconds later. I did not see a flash from this torpedo. The ship now began to settle so I decided to get into my boat but before doing so I threw overboard all confidential books and mails. Everybody was out clear of the ship by 0745.

6. — We carried 32 lifeboats, Nos. 12, 14 and 14 A Boats were smashed by the explosion and the motor boat badly damaged, she had to be abandoned 20 minutes after being launched. All boats were lowered successfully except the boats at each end which were kept swung under the Welland davits. I personally think it is a mistake to leave gravity davits on the slides, I like to have mine turned outboard. We finally abandoned ship in 26 lifeboats including 2 motor boats. I and the chief wireless operator were the last to leave the ship. The crew told me later that there was a large hole in the port side well below the water line. I am sure that the torpedoes exploded upon impact. I took the chief wireless operator over to the other motor boat which was stopped and transferred him for wireless duties. Shortly after abandoning ship it was discovered that the magneto and clutch of this motorboat flooded and were useless. I ordered this boat to lay to her sea anchor and used her as a wireless station ordering all boats to remain in the vicinity. The clutch could not be freed although the boat contained the chief engineer, assistant chief engineer and several junior engineers who did their utmost to remedy the defect.

7. — At 0915 on the 10th the submarine surfaced but did not come near my boat, she remained in the vicinity all day and most of the following night as I could smell her engines until 0400 on the 11th October. The submarine spoke to the crew of some of the boats and these men had a fairly good view of this submarine and reported her to be a new craft without any sign of rust about her. They noticed "U" painted on the fore part of the conning-tower. The crew were dressed in Khaki shirts and shorts without caps and the interrogating officer spoke good English and was thought to be a German. One man reported that he saw one of the Officers on board the submarine wearing 3 gold bands with a star above on his cuffs. The submarine itself was between 250-300 feet, with two guns, probably about 4", one forward and one aft of the conning tower and a machine gun on the conning tower.

8. — When we abandoned ship there was a heavy swell and practically everybody was sea sick. However the weather moderated during the morning of the 10th October when we experienced a moderate S.E. trade wind, a moderate swell

and slight sea. The sky was cloudy with occasional light rain showers but it was very warm.

9. — We watched the ship sink at 0925, she turned right over on her port side and then slid gently down by the stern.

10. — All boats were supplied with the modern food but we were only in them for 28 hours there was not much occasion to sample it. Whilst in the boats the wireless operators continued to broadcast our position and to keep in communication with Ascension Island which was 150 miles distant. At 0830 on the 11th October the rescue vessel was sighted. She was the Armed Merchant Cruiser CORINTHIAN. All the boats went alongside and by 1330 all the survivors were safely embarked. The CORINTHIAN had apparently used her D-F on our wireless but we did not know that she was in touch with us. This vessel took us to Freetown where we landed on the 15th

October in the afternoon.

11. — During the whole proceedings all the crew and passengers behaved extraordinarily well and there was no sign of panic and everything went according to plan.

(To Be Continued.)

GREAT ARTIST

ROCHESTER, N.Y. (AP) — Although Fred Astaire gained fame in the movies, serious dancers and choreographers rate him "a great artist."

"He is one of the finest choreographers and dancers of all time," says Professor John Mueller of the University of

Rochester's Dance Film Archive. His dances, noted for their wit, musicality, and inventiveness, compare easily with any by the great choreographers of ballet or modern dance. He's a genius."

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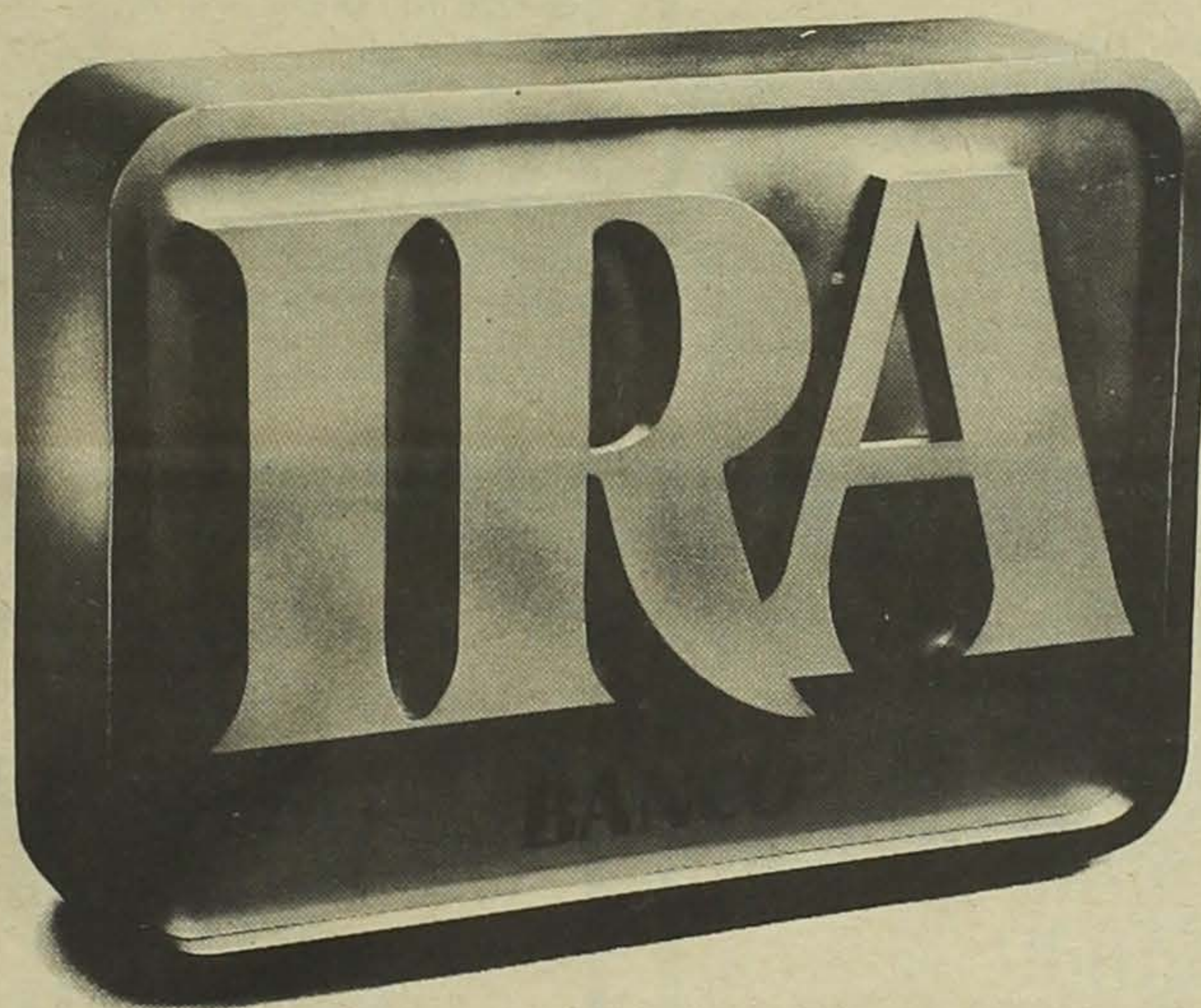
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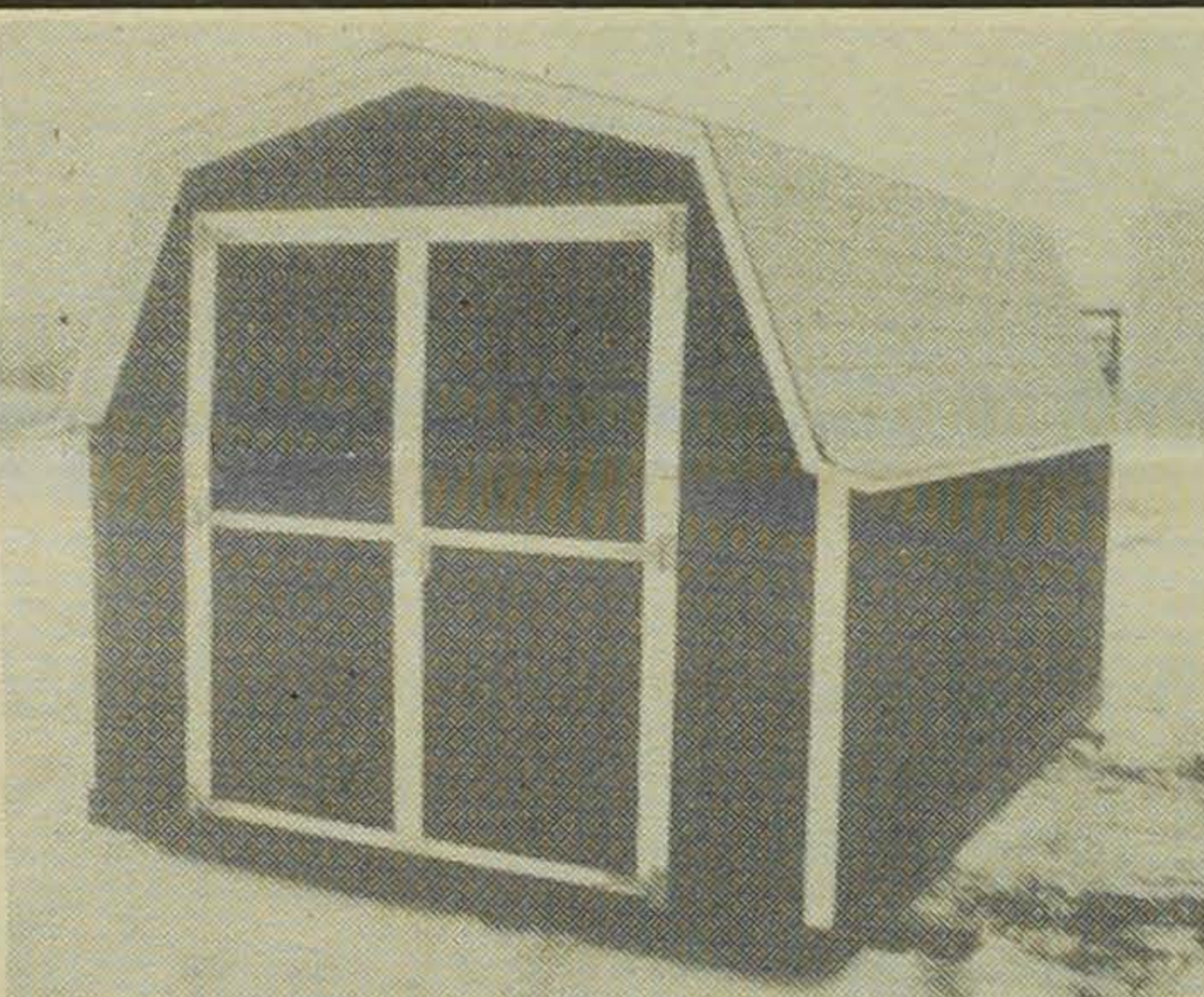
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The Conservation Approach To Solving Erosion Problems

By William J. Brune
State Conservationist
USDA Soil
Conservation Service

It is seldom true that a single soil conservation practice will solve the erosion problems on a farm.

After a rainstorm, corn and soybean fields with no conservation protection show the most erosion. But in most cases, fields with only partial protection have visible signs of erosion, too. The more the rains come, the more apparent it is that the fields with adequate protection are those protected by a combination of soil conservation practices.

Consider conservation tillage, the practice of leaving the past year's crop residues on the soil surface. Conservation tillage, particularly no-till farming, offers perhaps the best hope for controlling soil erosion on corn and soybean land.

Crop Residues

No-till farming — leaving all the previous year's crop residues on the soil surface — reduces soil losses by as much as 90 percent. But it has limits. If no-till planting is done up and down hill, seeds or young plants could wash out. On long, steep slopes, especially those protected only with soybean residues, sheet and rill erosion will be excessive.

A crop rotation which allows more hay or small grains may be needed on long, steep slopes with no-till to control erosion. In addition, there is still a good deal of water runoff from a no-till field, and the concentrations of water runoff cause small gullies to form during heavy rains.

Waterways

Some method to take runoff water safely from a field is also

needed — a system of grassed waterways or till outlet terraces may be part of the complete resource conservation system.

Terracing is an excellent water management practice. But again, on long, steep slopes, sheet and rill erosion between terraces is a problem, especially on land farmed in continuous row crop. Some kind of conservation tillage is needed as part of the complete system.

In cases where forages are used on the farm stripcropping or crop rotations may be selected as part of the system rather than — or in addition to — terraces. If the topography isn't well-suited to terraces, a farmer may include some water and sediment control basins in the system to make farming operations more convenient.

Turn Strip

An important component often left out of cropland

conservation systems is a grassed headland or turn strip. A terrace or contour system with conservation tillage controls sheet and rill erosion on most of the field, but erosion can be serious at the edge of the field, where end rows are planted up and down hill. Grass or legumes in place of row crops in these areas would control erosion.

Because so many variables are involved — farming operations, cost of conservation practices, soil types, slope length and steepness — the system which fits one farm will probably not fit another. Similarly, a system that works in one field may not fit an adjoining field.

A farm-by-farm and field-by-field analysis is the best approach to planning a complete resource management system for the farm.

Benefits Of Planting Switchgrass

By Bill Willis
Cass County Soil
Conservation Service

Are you thinking about cutting down on the acres of corn and soybeans you grow? Are you participating in the 1983 — 20 Percent set aside program?

Are you deciding what to plant on those diverted acres? Are you thinking about buying some cows. Would you like to have 50 percent of your seeding cost paid for? Have you seriously thought about switchgrass?

Switchgrass is an excellent choice for forage production with a lot of advantages. Combined with existing pastures of bluegrass or brome, the addition of new switchgrass acres produces an "all-grass" program.

Switchgrass produces heavily in mid-summer. It is long-lived. Switchgrass does not need a lot of fertilizer. It makes good wildlife nesting cover. Cattle eat it readily. There is no bloat hazard. There is cost-sharing to get switchgrass started.

The Iowa Conservation Commission has a cost-share program that will pay 50 percent of the cost to establish switchgrass. Their funds are derived from the sale of habitat stamps to hunters.

The commission realizes all the advantages for pasture from switchgrass. They also realize that more pheasants are raised in switchgrass than other types of cover. Applications for cost-sharing are available from your SCS office.

Switchgrass can be planted on set-aside acres in 1983. These acres must be protected from erosion with a permanent or temporary cover. Switchgrass is a permanent, long-lived grass that would provide the necessary cover.

Researchers have shown that switchgrass is superior to brome to provide grazing. Unfertilized brome grass will provide .47 tons per acre while switchgrass produces 1.8 tons under equal conditions.

When switchgrass is used as part of a full-season pasture program, average daily gains of steers on pasture can be increased by .3 pounds per day.

We're looking at a real opportunity in 1983 to get some erodible cropland converted back to pasture. The switchgrass idea is an excellent choice when making a decision about what to seed. The cost-sharing angle makes it even more inviting.

ENERGY EFFICIENT
EAST WINDSOR TOWNSHIP (AP) — Architects say the most energy-efficient buildings are those built into the sides of mountains.

Officials of this central Jersey town didn't have a mountain, but they wanted the most energy-efficient building they could get. So they simply built a mountain and nestled the new town municipal building into it.

The building is surrounded on three sides by earth trucked to the site for the purpose. In addition, solar technology is employed to heat, cool and light the two-story building.

"It's not a typical town hall," said Lina M. Williams, a spokesman for the architects.

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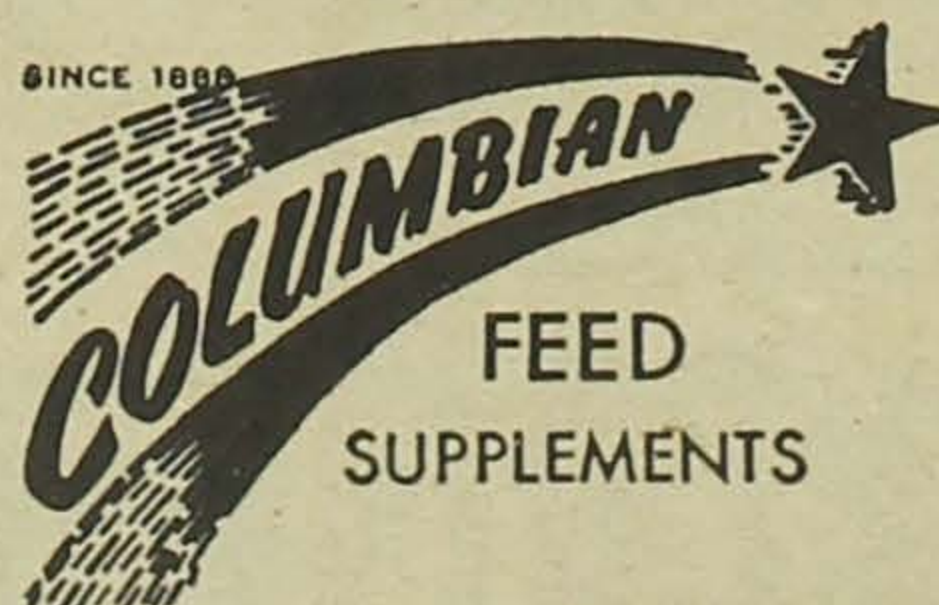
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Farm Monthly Book News

By Grace Rasmussen
Of Manilla

I hope everyone is all snuggled down for a long winter's reading. A lovely one to be slowly savored if you care for the tragic-comic writing of Isaac Bashevis Singer is "Lost in America."

Beautifully composed and illustrated with 35 drawings by Raphael Soyer, the book sells for \$17.95 and is published by Doubleday & Co. The Nobel prize winner has never been more engaging as he takes us back to when he was a young man in Poland.

His memoir does not claim to be completely autobiographical. He says, "I don't believe that the story of any human life can be written. It is beyond the power of literature."

Austria

Another very unusual book is "Adventures of a Bystander" by Peter F. Drucker, whose books have been bestsellers in the United States and in many of the more than 20 languages into which they have been translated. Drucker has taught economics and statistics of politics, history and philosophy in addition to other positions as an adviser and consultant for our government.

He is good enough to take us back to his childhood in Austria right after World War I. The book is well indexed and you'll meet such figures as Alfred Adler, Hannah Arendt, Sigmund Freud and two unbelievable friends named Hemme and Genia, who held

gatherings in their home that were forerunners to the Johnny Carson show. Harper and Row is the publisher and it sells for \$12.95.

Murphy's Law

If you studiously finish those deep and expensive books perhaps you'll be ready for two small paperbacks from Price-Stern-Sloan for \$2.95 in "Murphy's Law" by Arthur Bloch, you will find choice little comments such as Jacob's Law which reminds us, "To err is human, but to blame it on someone else is even more human."

Ogden Nash has a law in there too, "Progress may have been all right once, but it went on too long."

And don't you like Lowe's Law: "Success always occurs in private, and failure in full public view."

The other book is "The Legal Guide to Mother Goose" by Don Sandburg. Do you recognize the accident report on the Jack and Jill Case? The party of the first part hereinafter known as Jack...and...the party of the second part hereinafter known as Jill...ascended or caused to be ascended an elevation of undetermined height and degree of slope, hereinafter referred to as "hill."

You can imagine what he does to "Rock-a-bye Baby" and "The Crooked Man Who Walked a Crooked Mile."

February is a short month, so hurry and read all you can in January!

Needles of stone and fishbone have been found that date back over 30,000 years. Later, iron and bronze were used to stitch skins together for the first clothes. Shears and scissors were used in medieval England.

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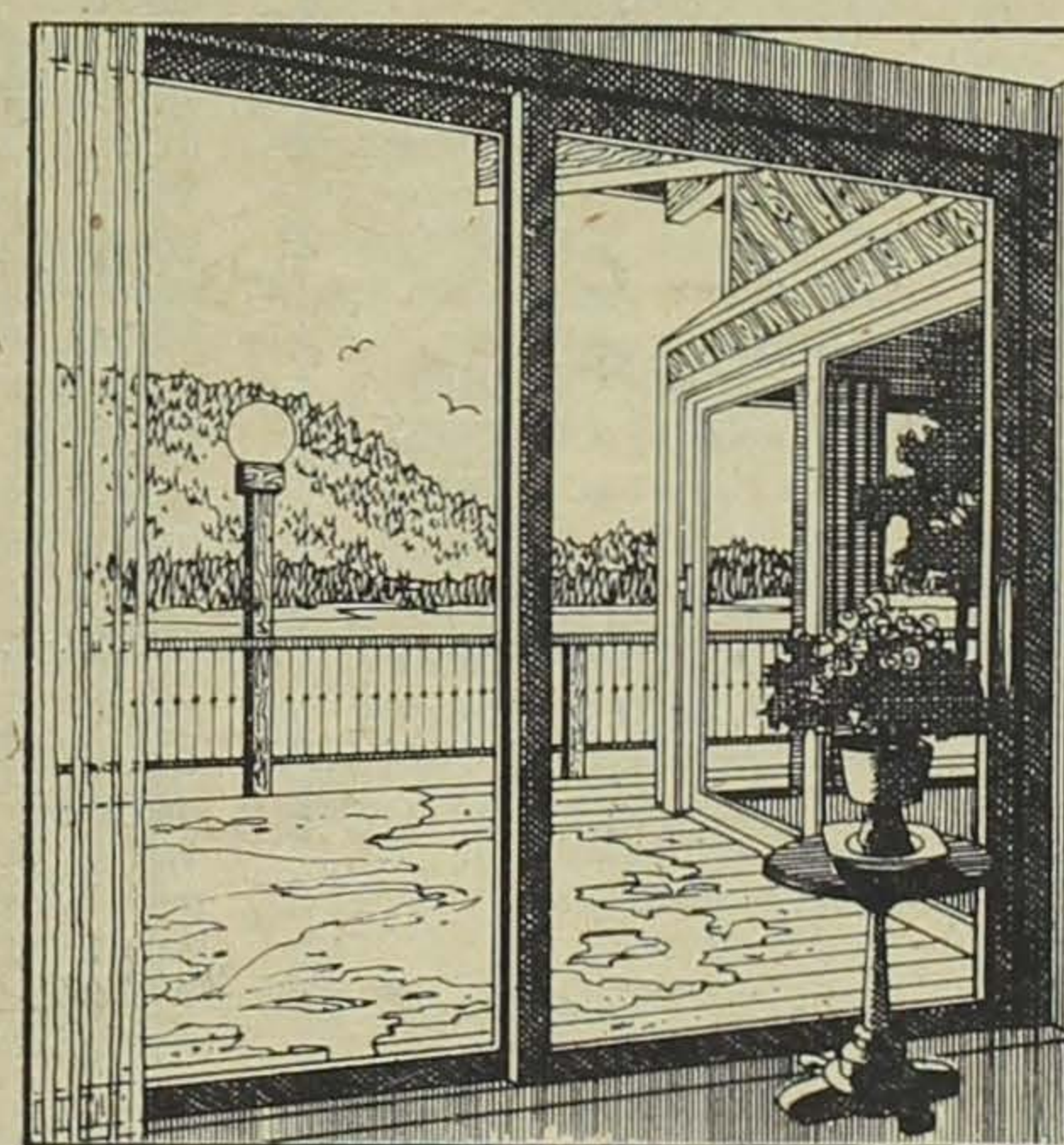
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Count Calories For A New Figure

Vegetables Brighten Weight Loss Prospects

Counting calories in anticipation of a svelte new figure? Shedding excess poundage is a lot easier if your diet menu furnishes maximum palate-appeal.

Fresh vegetables, all of which are either low or moderate in calories, can be an appetizing mainstay of the weight loss regimen. High in carbohydrates, they provide the energy that's especially important when total caloric intake is cut back, says the United Fresh Fruit and Vegetable Association. Used imaginatively, they also introduce an element of excitement into diet fare too often needlessly insipid.

Chicken And Fresh Vegetables Provencale, for instance, will tempt even the non-dieters at the table. A special seasoning paste spread between the skin and the flesh of the chicken lends the fowl a delightful pungency. Strict dieters can remove the skin before eating and still enjoy all the flavor. Cooked with an array of colorful crisp-tender vegetables, the casserole is designed to be savored slowly, a feature dieting advisers often recommend.

Among the several fresh vegetables in the dish, cauliflower is particularly popular with successful dieters. Rinse well before using, and remove flowerets either by quartering the head with a large knife and breaking them off with the fingers, or by slicing them from the core with a paring knife. Wrap any unused raw cauliflower and store it in the refrigerator; it's wonderful for between-meal, low-calorie munching. If the tips of the flowerets should brown slightly, just scrape away the discoloration (which doesn't affect the quality of the vegetable) with a small knife.

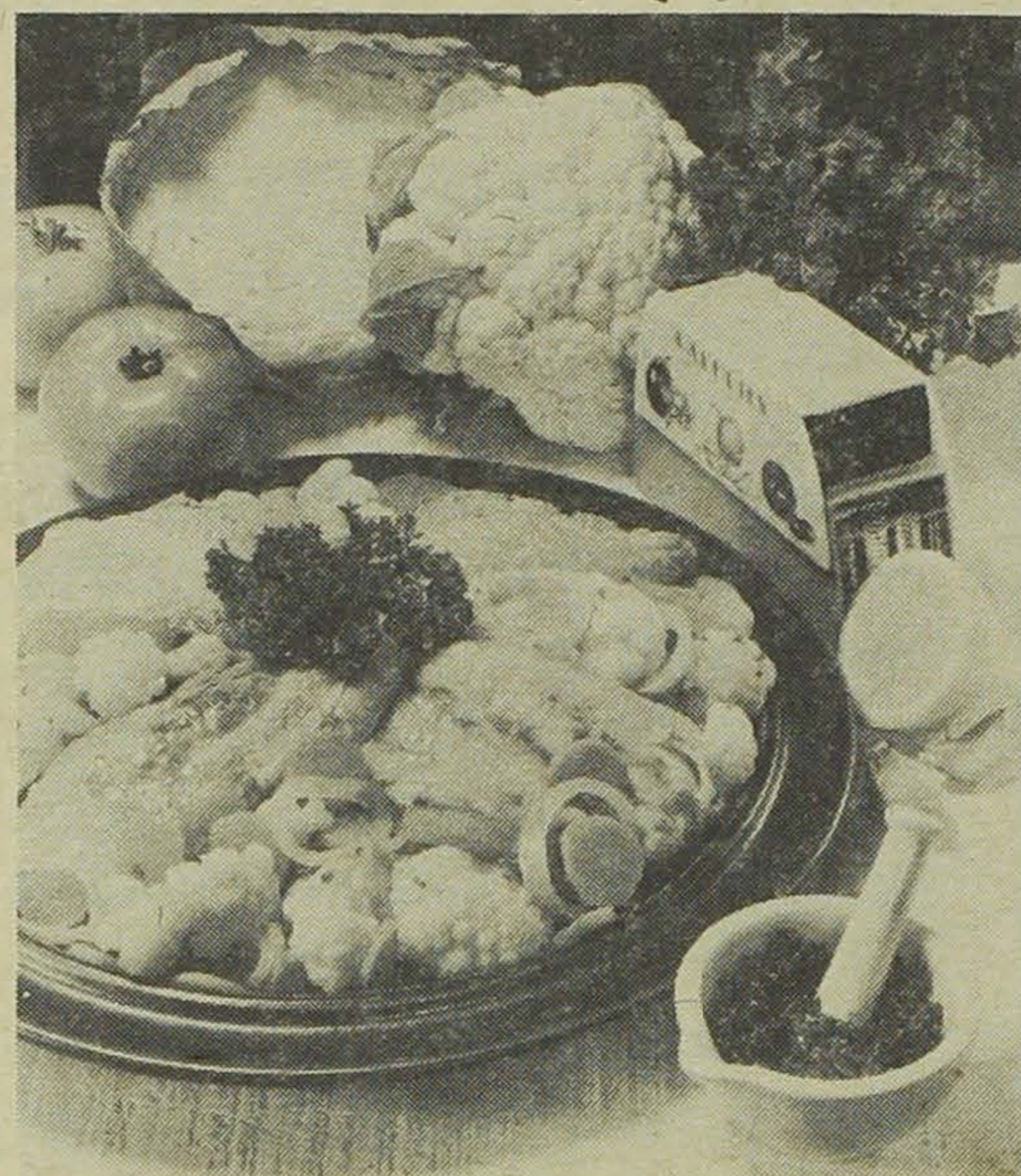
You might also want to enter Fresh Cabbage Skillet Dinner on your menu plan. These satisfying vegetables leave you feeling gratified, yet well within your calorie limit. While our recipe calls for tuna, you can easily substitute any cooked fish in its place. Simple and quick to prepare, you'll serve this dish even after you've reached your ideal weight.

CHICKEN AND FRESH VEGETABLES

PROVENCALE

- 1 small head cauliflower
- 2 large ripe tomatoes, sliced
- 2 medium carrots, pared, sliced thinly
- 1 large onion, thinly sliced
- 3 tablespoons chopped fresh parsley, divided
- 1 tablespoon dried leaf basil, divided
- 1 teaspoon salt
- 1/4 teaspoon pepper
- 1/2 cup chicken broth
- 2 cloves garlic, minced
- 1 lemon, freshly squeezed
- 2 whole chicken breasts, split

Trim outer leaves and tough stalks from cauliflower; break into small pieces. Combine cauliflower, tomatoes, carrots and onion in 2-quart shallow baking dish. Sprinkle with 1 tablespoon parsley, 2 teaspoons basil, salt and pepper. Pour chicken broth over vegetables.



Delicious, attractive meals help dieters persevere. Chicken And Fresh Vegetables Provencale is a gourmet dish that's surprisingly low in calories.

Make a paste of remaining 2 tablespoons parsley, 1 teaspoon basil, garlic, and lemon juice. This can be done using a mortar and pestle, or by chopping parsley and garlic finely and mixing with lemon juice and basil in a small cup or bowl with the back of a spoon. Spread paste between skin and flesh of each chicken breast. Place chicken over vegetables in baking dish; cover with foil. Bake in 350-degree oven 1 hour, until chicken is tender, and vegetables are crisp-tender. Baste chicken occasionally with pan juices during baking. Makes: 4 servings.

Nutrient Values: This recipe provides approximately 200 calories per serving, 53 percent RDA vitamin A and more than 100 percent RDA vitamin C. Values based on chicken breast without skin.

FRESH CABBAGE SKILLET DINNER

- 1 tablespoon butter or margarine
- 1 cup finely chopped onion

PICKLED PIGS' FEET

For those cooks who tell me they "want to pickle pigs' feet, but can't seem to find a recipe."

- 4 pigs' feet, split
 - 3 cups vinegar
 - 1 onion, sliced
 - 12 peppercorns
 - 1 bay leaf
 - 6 whole cloves
 - 1 tablespoon salt
- Scrub pigs' feet thoroughly and place in large saucepot. Cover with water, add vinegar and heat to the boiling point. Skim. Add remaining ingredients and simmer until fork-tender — 2 to 3 hours. Chill in liquid and serve cold. Makes 4 servings.

Food Editor's Note: Small pigs' feet are more gelatinous than the large ones, but the latter offer more meat. — C.B.

WHEATMEAL GEMS

- Because they're small they need only brief baking.
- 3/4 cup whole bran cereal
- 1/2 cup milk
- 1/2 cup flour, fork-stir to aerate before measuring
- 1 1/2 teaspoons baking powder
- 1/4 teaspoon salt
- 1/4 cup yellow cornmeal
- 1/4 cup butter or margarine
- 1/4 cup firmly packed dark

- 2 medium potatoes, pared and diced (about 2 cups)
- 1 1/2 cups chicken broth, divided
- 1 small head cabbage, shredded (about 8 cups)
- 1 teaspoon salt
- 1 teaspoon caraway seeds
- 1/2 teaspoon paprika
- 2 cans (7 ounces each) tuna, packed in water, drained, broken into small chunks
- 2 tablespoons chopped parsley

In large skillet, melt butter, saute onion until soft. Add potatoes and 1 cup chicken broth. Cover. Simmer 10 minutes, or until potatoes are just tender. Add cabbage, salt, caraway seeds, and paprika. Cook over medium high heat, stirring frequently, 8 to 10 minutes, until cabbage is crisp-tender. Add tuna, parsley, and remaining 1/2 cup chicken broth. Toss well. Serve hot. Makes: 4 servings.

Nutrient Values: This recipe provides approximately 310 calories per serving and more than 100 percent RDA vitamin C.

brown sugar

- 1 egg
- Soak bran in milk until milk is absorbed. Stir together flour, baking powder, salt and cornmeal. Cream butter and sugar; beat in egg; stir in bran; add flour mixture and stir only until moistened. Spoon into buttered muffin-pan cups (1 3/4-inches across top and 3/4-inch deep), filling 3/4 full. Bake in a preheated 400-degree oven until a cake tester inserted in center comes out clean — about 15 minutes. Serve at once with butter or margarine. Makes 24.

FARMER DRESSING

- You can substitute celery for the green pepper if you like.
- 1/4 cup mayonnaise
- 1/4 cup plain yogurt
- 2 tablespoons minced cucumber
- 2 tablespoons minced radish
- 2 tablespoons minced green pepper
- 2 tablespoons minced scallion
- Salt and pepper to taste
- Stir together all the ingredients. Cover and chill until

HOAGY HEALTH CAKE

Made with corn oil and without eggs, it's low in cholesterol and the best of its kind.

- 2 cups sifted flour
 - 1 teaspoon baking powder
 - 1 teaspoon baking soda
 - 1/2 teaspoon salt
 - 1/2 cup corn oil
 - 1 1/4 cups sugar
 - 4 tablespoons grated orange rind
 - 1 cup buttermilk
 - 1/2 cup finely chopped walnuts
- Stir together flour, baking powder, baking soda and salt. Thoroughly beat together corn oil, sugar and orange rind. Stir in flour mixture in 4 additions alternately with buttermilk just until smooth each time. Stir in nuts. Turn into an oiled and floured (9x9x2-inch) cake pan. Bake in preheated 350-degree oven until cake tester inserted in center comes out clean — about 45 minutes. Let stand on wire rack for 10 minutes; loosen edges and turn out; with another rack turn right side up; cool completely.

CORN MUFFINS

Made, in the traditional Virginia way, without sugar.

- 1/2 cup stoneground fine white cornmeal
- 1/2 cup flour
- 2 teaspoons baking powder
- 1/4 teaspoon salt
- 1 large egg
- 3/4 cup milk
- 2 tablespoons butter, melted

On wax paper stir together the cornmeal, flour, baking powder and salt. In a medium bowl beat together until blended the egg and milk; stir in the butter. Add the cornmeal mixture and beat gently just until smooth. Batter will be very thin. Pour, by scant 1/4 cupfuls, into generously buttered hot muffin pans cups — each 2 1/2 x 1-inch — filling about 3/4 full. Bake in a preheated 400-degree oven until a cake tester inserted in the center comes out clean — about 15 minutes. Remove from pans at once and serve while piping hot with lots of butter. Bottoms and sides of muffins will be golden, but tops will be white. Makes 8.

serving time. Makes about 1 cup. Store any remaining dressing in the refrigerator but use next day for best taste. Delicious with lettuce, tomato and egg salad or plain lettuce or sliced tomatoes.

Pork Chop Platter To Please Dieters

The following recipe for Calorie-Conscious Pork Platter is an excellent example of how interesting and delicious a calorie-controlled meat entree can be.

CALORIE-CONSCIOUS PORK PLATTER

- 6 pork rib or loin chops, cut 3/4-inch thick
- 1/2 teaspoon salt
- 1 tablespoon sugar
- 1/2 teaspoon ground ginger
- 3 tablespoons soy sauce
- 1 clove garlic, minced
- 1 can (15 1/4 ounces) or 2 cans (8 ounces each) pineapple chunks in unsweetened juice
- 1 tablespoon cornstarch
- 2 cups thinly sliced celery
- 1 medium green pepper, cut in thin strips
- 1 can (6 ounces) water chestnuts, halved
- 1 package (6 ounces) frozen Chinese pea pods, defrosted*
- 1/2 teaspoon salt

Trim any excess fat from chops and melt trimming in large frying pan to obtain 1 tablespoon drippings. Brown chops in drippings. Pour off drippings; sprinkle 1/2 teaspoon salt on both sides of chops. Cover tightly and cook slowly 30 minutes. Combine sugar and ginger; stir in soy sauce and garlic and add to chops. Cook slowly, covered, 15 to 30 minutes or until done, turning chops once during cooking. Drain pineapple; reserve juice. Add juice to liquid in frying pan and make 1 cup. Add water to remaining juice to make 1/4 cup, blend with cornstarch, stir into liquid in pan and cook, stirring until thickened. Add pineapple chunks, celery, green pepper, water chestnuts and pea pods, separating the pods. Cook slowly, covered, until vegetables are heated through, 3 to 4 minutes. Sprinkle 1/2 teaspoon salt over vegetables. 6 servings.

*1 package (8 ounces) frozen French-style green beans, blanched, may be substituted.

BURGER FOR DIETERS

Hankering for that mile-high hamburger on a bun, but counting calories?

Just wrap a cooked burger in lettuce leaves and add a dill pickle slice to satisfy both taste and diet.

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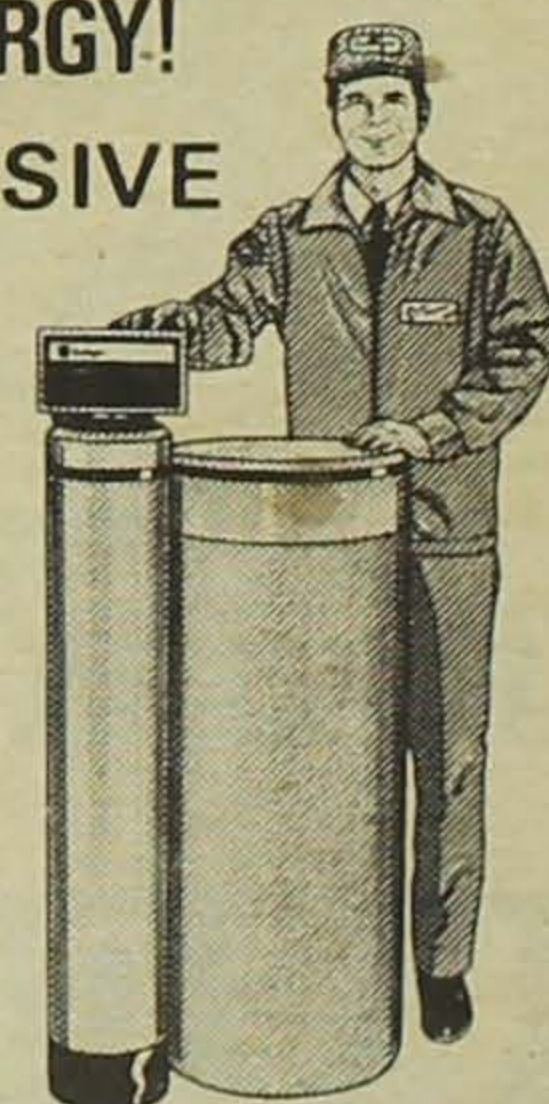
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This Page By
Mrs. Leonard Hutchinson,
N-T Food Editor

ACP Funds Used To Aid County Farm Programs

The Agricultural Stabilization and Conservation Service (ASCS), an agency of the United States Department of Agriculture, administers the Agricultural Conservation Program (ACP).

The object of the ACP is to assure a continued supply of food and fiber for a strong and healthy economy by conserving the soil and water quality.

In order to do this, the Cass County ASC Committee follows a cost-share program on practices which control erosion and sedimentation from agricultural land.

These practices include permanent vegetation cover establishment, permanent vegetation cover improvement, stripcropping systems, terrace systems, diversions, windbreak restoration or establishment, water impoundment reservoirs, sediment retention erosion or water control structures, sod waterway, forest tree plantations, forest tree stand improvements and permanent wildlife habitat.

\$53,300 Fund

Cass County has been allocated \$53,300 to be used for cost-share of annual practices in 1983. These funds are authorized annually by Congress and allocated by ASCS in Washington, D.C., on the basis of conservation needs to state ASC committees. These committees in turn allocate funds to county ASC committees.

Any farmer whose land needs conservation work may request cost-sharing assistance from the County ASC Committee. The committee will review the application and if it is approved for cost share will be paid when the practice is completed according to specifications of the technical agency.

Farmers who receive ACP funds are responsible for sharing a portion of the cost and maintaining the practice for the required practice lifespan.

An allocation of \$6,800 for mini-long term agreements (LTA) has also been received in Cass County. A mini-LTA guarantees the landowner funds will be set-aside to cost share needed soil conservation work on all or a portion of their farm following a plan set up by Soil Conservation Service. This

agreement could run for a period of three to five years.

Critical Problems

Cass County is also one of 26 counties in Iowa that will receive targeted conservation program funds to meet critical soil erosion problems.

Applications are now being accepted at the county office, 1207 Sunnyside Lane, for the annual program, mini-LTA and the targeted area funds. The mini-LTA signup will end March 1.

The other two programs are on a continual basis. However, the application must be approved by the county committee before the practice has been started in order to be eligible for cost-share.

The maximum cost share limitation per person per year is \$3,500. Personnel at the Cass ASCS Office include Elaine Martens, county executive director; Marilyn A. Smith, Sharon L. Boken and Beverly Donels, program assistants; Emert Euker, chairman of the committee; Richard Follmann, vice-chairman; and Robert McLaren, regular member.

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NEWBORNS

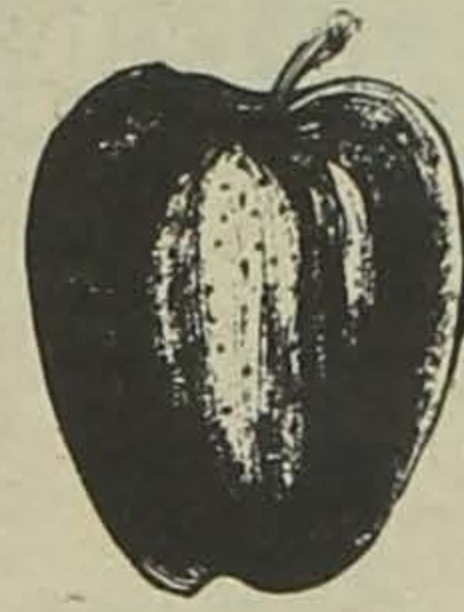
FORT WORTH, Texas (AP) — The gift package contains an engraved silver spoon, a baby's car seat, an infant's T-shirt, diaper and diaper bag, a portrait, a candlelight champagne dinner, colognes, powders, face creams and two free weeks at a health spa.

It may all sound like a game show consolation prize, but it's not. It's what All Saints Episcopal Hospital gives couples who have their "Silver Spoon" baby here.

More babies are what All Saint's would like to see, explained hospital executive director Stanley Hupfield. All Saints has the room and staff to

handle almost double its annual 1,000 births, he said, and every

empty bed loses money for the hospital.



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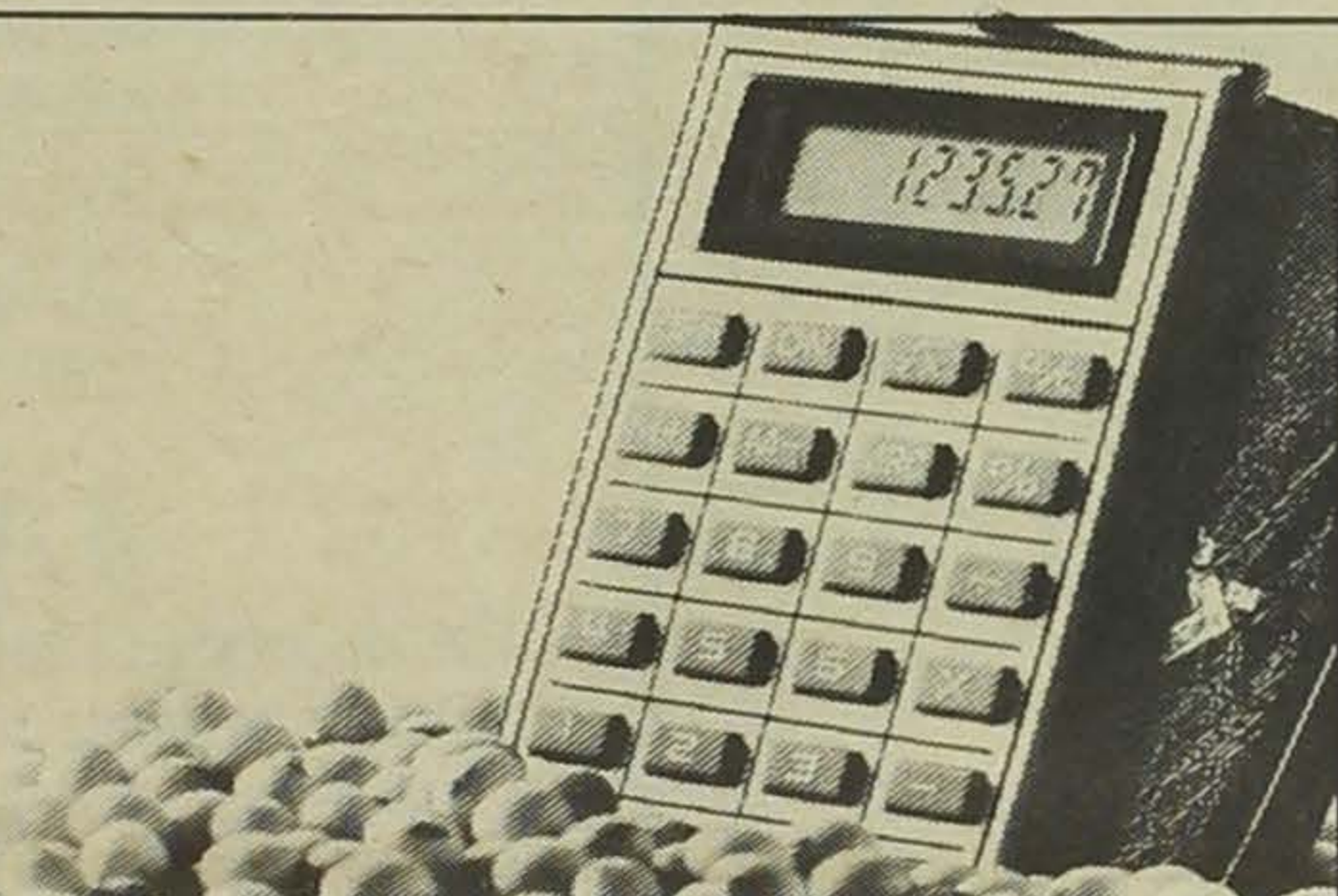
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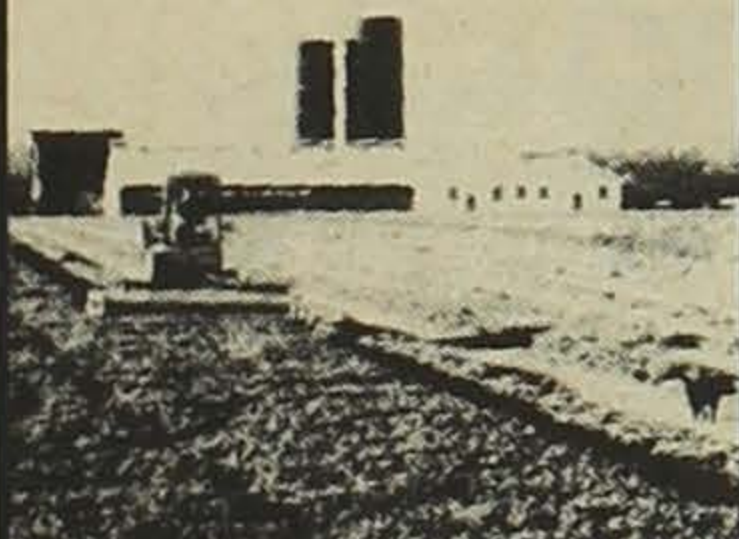
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30 Lb. Beef Pack \$55.00

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10 Lbs. Ground Beef

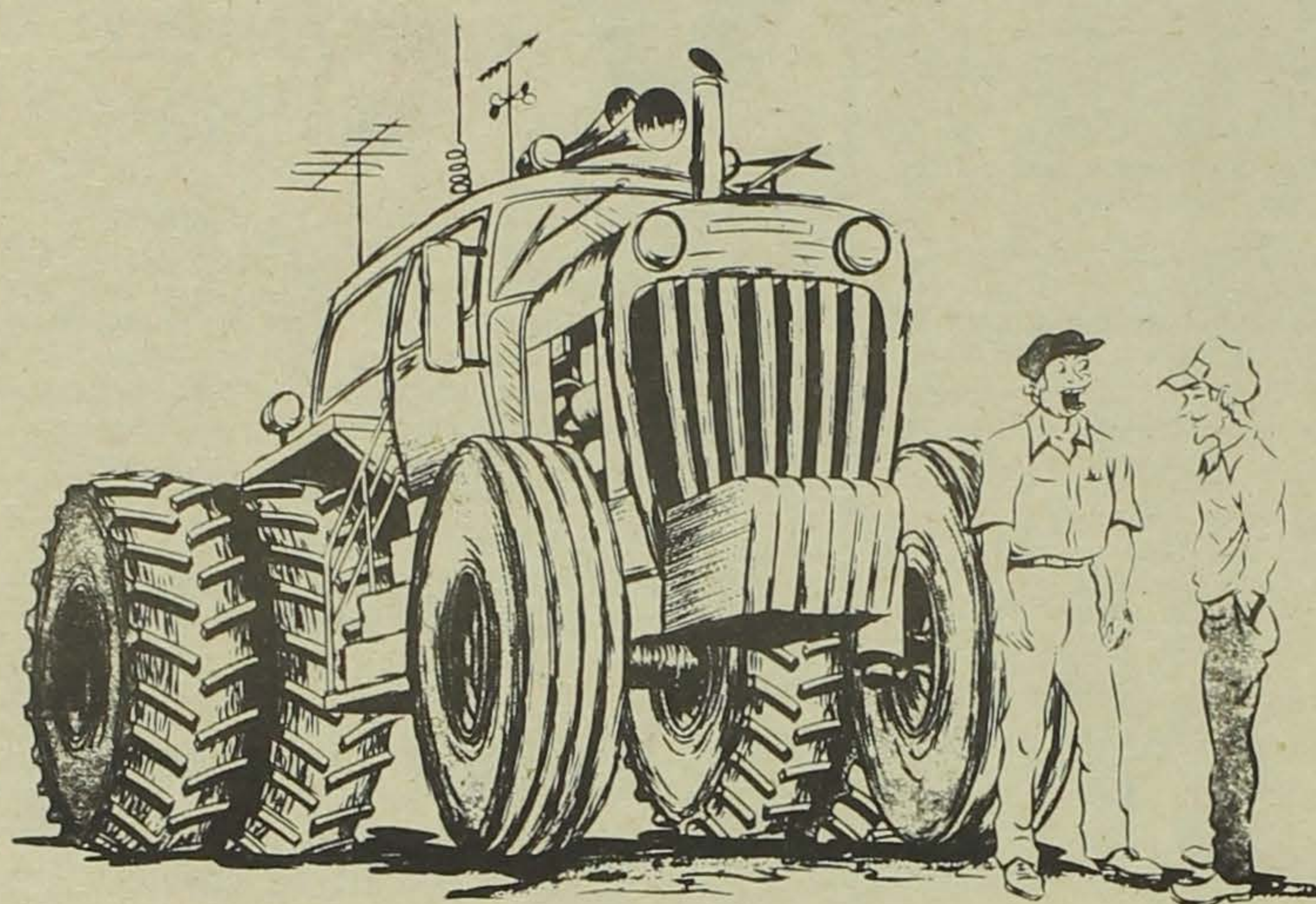
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LYNN LARSEN, Owner

764-8251



'82 ANNUAL



"Put it up for Sale . . . gonna go No-Till."

SOIL CONSERVATION

SOIL CONSERVATION DISTRICT PERSONNEL

Carolyn Wilson District Clerk

USDA — SOIL CONSERVATION SERVICE (SCS)

Bill Willis District Conservationist
R. Elmer Ouderkirk Soil Conservationist
Alan Ehley Soil Conservationist
Gene Eyberg Soil Conservation Technician
Duane Ortgies Soil Conservation Technician

EXTENSION SERVICE

A. Daniel Merrick County Extension Director
LaVon M. Eblen Extension Home Economist
Mary E. Ottmar Ext. 4-H and Youth Leader
Grant Schaaf Extension Agriculturalist
Bev Gunderson Office Assistant
Sondra Jensen Office Assistant

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE (ASCS)

Elaine Martens County Executive Director
Marilyn A. Smith Feed Grain, Compliance
Sharon L. Boken ACP and Price Support
Beverly Donels Administrative

ASCS COUNTY COMMITTEE

Emert Euken

Richard Follmann

Robert McLaren

FARMERS HOME ADMINISTRATION (FmHA)

John F. Hartford County Supervisor
Madonna Nisson County Office Assistant
Teresa Noland County Office Clerk
Gary Armstrong Asst. County Supervisor
Gary W. Ludington District Director
Forrest D. Vermillion Asst. District Director
Marvin Eblen Construction Inspector
Shirley A. Winston District Loan Assistant
Diane Larson District Office Clerk



Commissioners are front row, left to right: Max Miller, Tom Magill, George Hosfelt, Wendell Pellett; back row, Gilbert Wehrman, Gary Wolfe, G.M. Baier and Bill Fudge.

We, the Cass County Soil Conservation District Commissioners listed below, as well as many others in the area, for their cause of Soil and Water Conservation in Cass County. valuable natural resource - the soil and water - for future this goal be realized. We thank all who have helped to achieve

COMMISSIONERS

JANUARY

Held organizational meeting - G.M. Baier elected chairman and Max Miller co-chairman.

Lawrence Blunk resigns as commissioner. Gary Wolfe was named to fill the vacancy.

FEBRUARY

Held poster contests for 5th grade students in Cass County.

Sponsored a no-till seminar with the Soil Conservation Service and the Extension Service.

MARCH

Organized a Cass County No-till Club. Membership was 36 and acres planted by members were 2,224. Hy-Vee Food Stores provided funding for free caps for the club members.

APRIL

Held awards banquet for 5th grade poster contest winners and 6th grade conservation workbook winners, their families and teachers.

Cash awards were given to all 5th grade winners and trophies to 6th grade winners.

MAY

Supplied soil stewardship materials to the churches of the county.

Entered Don Follmann in Soil Conservation Awards contest.

JUNE

Inspected several water impoundment structures in Turkey Creek Watershed for upland treatment and berm damage.

AL REPORT



Soil Conservation Service office staff is front row, left to right: Bill Willis, Carolyn Wilson, Elmer Ouderkirk; back row, Gene Eyberg, Duane Ortgies and Al Ehley.

Commissioners, wish to express our thanks to all the sponsors for their fine cooperation over the years in helping to advance Cass County. We feel a great responsibility in conserving our most precious resource - the land - for future generations and only with the help of everyone can we advance in this great enterprise.

ERS ACTIVITIES 1982

JULY

Mr. and Mrs. Mike Hall won the No-till Club week-end for two in Omaha. This week-end was made possible by contributions from the Atlantic Locker Service, Cappel's, Cass County Elevator, Lloyd and Meredith, McAtee Tire, W&S Appliance.

AUGUST

Sponsored an outdoor conservation tillage display and an indoor education exhibit at the Cass County Fair.

SEPTEMBER

Regional meeting for Commissioners held in Walnut.

OCTOBER

Southwest Iowa Soil Judging Contest was held at Lake Anita with 23 FFA teams participating.

NOVEMBER

George Hosfelt and Gary Wolfe were re-elected as Commissioners.

Calendars were printed using the winning conservation posters submitted by 5th grade students in Cass County.

DECEMBER

Mrs. Joan Hahn, Wiota, was named a state winner in the Izaak Walton League Windbreak Award Contest.

Several commissioners attended the annual conference held in Des Moines.

ACCOMPLISHMENTS

New District Cooperators	No.	18
Landowners Requesting Assistance	No.	246
Technical Services Provided	No.	692
Landowners Applying a Practice	No.	159
New Conservation Plans	Ac.	4666
Conservation Plan Revisions	Ac.	702
Terraces	Ft.	169,770
Grassed Waterways	Ac.	13
Contour Stripcropping	Ac.	229
Contouring	Ac.	2528
Conservation Tillage	Ac.	3426
Farmstead and Feedlot Windbreaks	Ac.	6
Wildlife Habitat Developed	Ac.	186
Tile Drainage	Ft.	99,514
Cropland Benefitted by Appl. of Cons. Practice	Ac.	6588
Cropland Adequately Protected	Ac.	1742

EXPENDITURE OF FUNDS

Provided by the State for July 1981 - June 1982

1-M Budget

Allocation	\$2,088.77
Commissioner mileage	1,641.05
Office Supplies and expenses	437.49
Printing	10.23
Total	\$2,088.77

2-M Budget

Allocation	\$13,283.00
Salaries, FICA, IPERS	\$12,402.59
Life, health & disability ins.	809.62
Travel	33.63
Equipment repair	26.50
Released	10.66
Total	\$13,283.00

3-M Budget

78-80 Allocation	\$78,156.80
Cost-share warrants paid	\$78,156.80
80-81 Allocation	\$80,925.27
Cost-share warrants paid	\$80,925.27
81-82 Allocation	\$87,239.52
Cost-share warrants paid	\$81,663.52
Work started but not complete	5,576.00
Total	\$87,239.52
82-83 Allocation	\$78,429.00
Cost-share warrants paid	\$21,477.62
Work started but not complete	10,049.00
Unobligated balance	46,902.38
Total	\$78,429.00

SPONSORS

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 Farmers Savings Bank of Massena
 Union State Bank, Bridgewater and
 Greenfield

'82 ANNUAL REPORT



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Farmstead and Feedlot Windbreaks
Wildlife Habitat Developed
Tile Drainage
Cropland Benefitted by Applied Conservation
Cropland Adequately Protected

EX
Provi

1-M Budget

Allocation
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Total

Houghton State
Atlantic State
American Federation
Association
Griswold State
Federal Land
Branch Office
First Whitney
Anita State Branch
Farmers Savings
Union State Branch
Greenfield

TEACHERS

FORT WORTH, Texas (AP) — One in three Texas teachers may be close to quitting because of low pay, stress and frustration, but at least for the time being, they probably won't.

Those are the results of a statewide survey.

The survey also found that 29 percent of those surveyed (319 of the state's 150,000 teachers) hold second jobs during the school year even though most feel that it hurts their teaching.

"That does not surprise me at all," said Nancy Hilger, president of the Fort Worth

Classroom Teachers Association. "That's in line with what I'm hearing. But right now, with the economy the way it is, many probably feel tied to teaching, at least until the economy gets better."

Obey all road signs.

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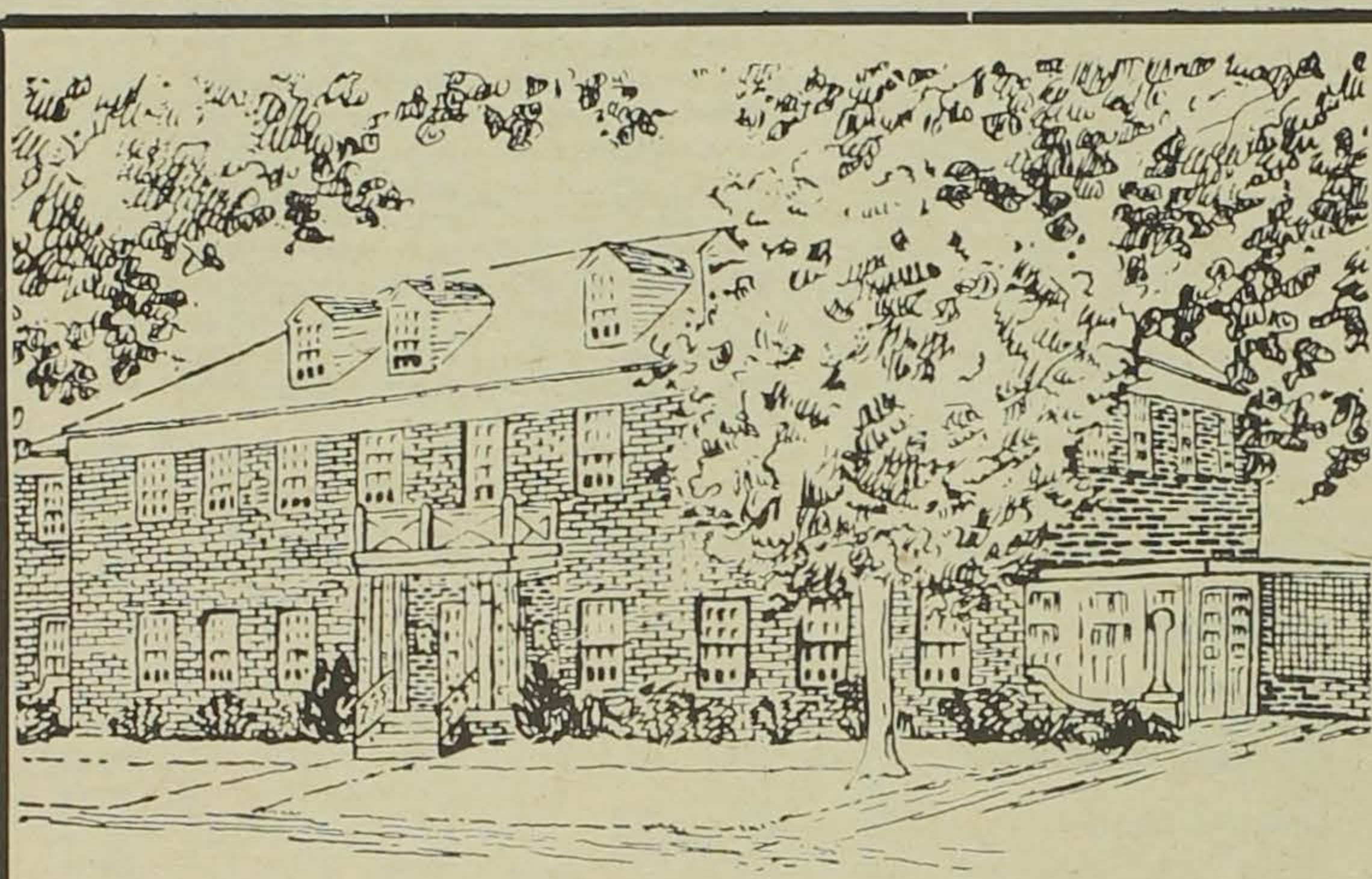
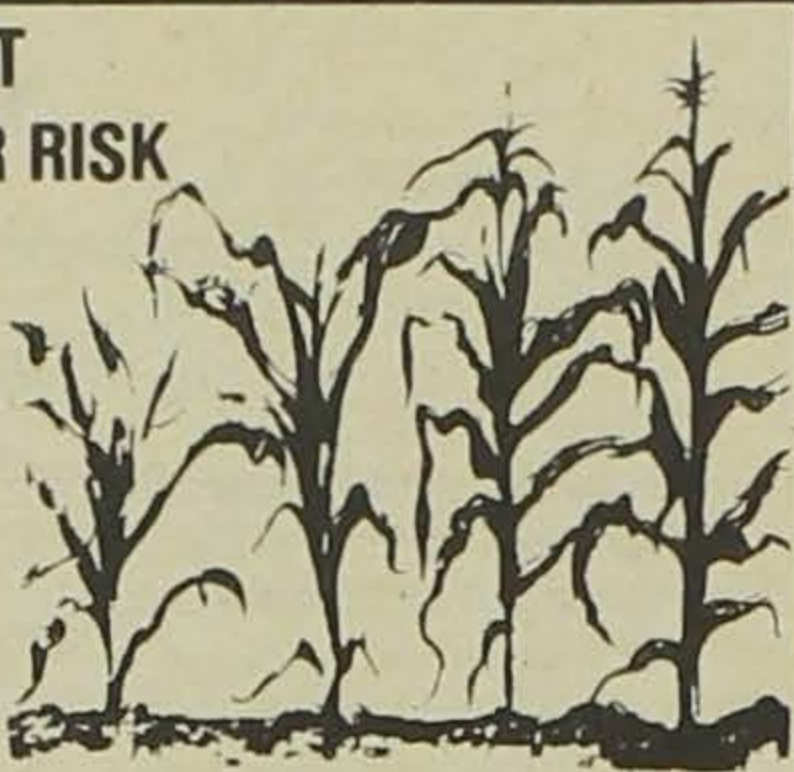
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Atlantic, Iowa

Ways To Cut Cost In Soil Conservation

By
Gary G. Wolfe
District
Commissioner



With the present farm economy it is definitely a challenge to just try and meet day-to-day needs without trying to construct terraces, ponds and other conservation measures.

It has always seemed to me, that if we had a cattle market that we could count on, soil conservation in this part of the state would be a much smaller problem. Much of the marginal land that has gone under the plow during the last two decades could be and probably would be reseeded and used for grazing.

There are a lot of things we can do as landowners and farmers to protect our topsoil for future generations, that don't cost the big dollars of terracing.

First of all, if you plant soybeans be selective about the type and slope of ground they are planted on. You may want to consider drilling soybeans to help hold topsoil.

Secondly with our government set-aside program it would be an excellent time to get some strip cropping started. Either by alternating strips of corn and soybeans or working your set-aside into the strips with seeding for the following year.

Thirdly with the price of fuel we face today, reducing tillage only seems practical. The less we can disturb the top soil, the less soil loss we have. Corn and soybeans will still grow even if the ground isn't completely black at planting time.

I feel that the Lord put each of us on earth with a definite purpose for each of our lives; and as farmers protecting our environment and soil is our responsibility. Let's conserve today for a better tomorrow.

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**A Few 1982 New Cars
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Stop & Check!**

USED CARS & PICKUPS

- 1981 Pontiac Grand Prix, a clean car.
- 1980 Pontiac Bonneville Brougham, diesel and it's loaded.
- 1980 GMC 1/2 ton pickup, a diesel with automatic and air conditioning.
- 1980 Cadillac Sedan DeVille, a diesel and loaded.
- 1980 Ford Fiesta, a two door with four speed, a real economy car.
- 1979 Lincoln Continental Mark 5, a sport coupe.
- 1979 Cadillac Coupe DeVille, low mileage, local and one owner.
- 1979 Chrysler Cordoba, a two door with low mileage.
- 1978 Oldsmobile Cutlass, a two door hardtop, 350 engine, air conditioning.
- 1977 Cadillac Sedan DeVille, choice of two.
- 1977 Oldsmobile 98, a four door sedan.

We have several other low price models in stock.

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**There May Be Snow On The
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Around The Corner ...**

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We're Having A . . .**

"SPECIAL"

**To Get Your Planter Ready To
Go To Work For You.**

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Your Planter Check-Up Work

During The Month Of February.

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Wickman Equipment, Inc.

Here Today . . . Here Tomorrow



Chet Writes A Story

By Chester Larson
of Griswold

The Foote Hills
West Of Grant

I was born and raised in Montgomery County near the little town of Grant. For 33 years I lived within four miles of that crossroads village. In horse and buggy days Grant was a trading center for several miles in each direction. I have written an article on The Hills of Hacklebarney some 10 or 15 miles southeast of Grant. The hills west of Grant are quite similar.

We lived on L.D. Foote's 240 acres for 14 years before 1928. It was on these hills that I rode my coaster wagon up and down in the summer, and a sled in winter when ice and snow was on the ground. I'm sure we hit 40 or 50 miles an hour on steep hills and slick ice. I had some narrow escapes, too! Hidden stumps and steep ditches were no laughing matter. I survived with just scratches.

It was on these hills when I was a young teen-ager that Dad broke me in doing field work, walking behind a breaking plow, a one-row cultivator and a drag harrow. Dad farmed about

80 acres of row crops with six horses.

The balance of the farm was in grass, hay, and oats. A herd of cattle grazed the hillsides, and two big ditches went the length of the farm. Terracing and contour farming was unheard of 60 years ago. We just farmed up and down the hills, and heavy rains eroded the land.

Dad rented the farm on share crop, and the landlord spent no money to keep up the buildings. They were all needing paint; some boards were off or missing.

Dad lost interest in trying to keep the yards neat and all the weeds cut. Field work and caring for cattle, hogs, and work horses kept us busy most of the time. The fences and gates were rather dilapidated, and we were frequently patching fences.

It was rather precarious loading hay or grain bundles on those hill sides. I tipped the hay rack over a time or two. The hills are still there, but they are not all farmed, and are farmed quite differently in the 1980s.

The U.S. General Services Administration is responsible for building and maintaining federal structures in the 50 states, now totaling about 8,600. In addition, it operates a motor pool for federal employees, a data and communications network, and a stockpile of strategic materials.

FOUND

SCOTTSDALE, Ariz. (AP) — James Billings of St. Joseph, Mich., pulled a carrot from his garden recently and discovered a ring encircling it. From the in-

scription, it was determined that it was a 1954 class ring from a Clinton, Iowa, high school and belonged to Jim Sipes, a chiropractor here. Dr. Sipes said the ring disappeared in 1969 when his son,

Bobby, then 8, took the ring from a jewelry box in the Sipes home in St. Joseph to show it to some friends.

Billings' house and garden are on a lot where Bobby used to play baseball.

Is land improvement a part of your plan?

If it is, you might be needing a lender. At your Land Bank you'll find we offer long-term financing for improving agricultural land as well as for buying additional land. We're specialists in long-term agricultural credit...people who know and understand the special needs of farming and ranching. Give us a call!



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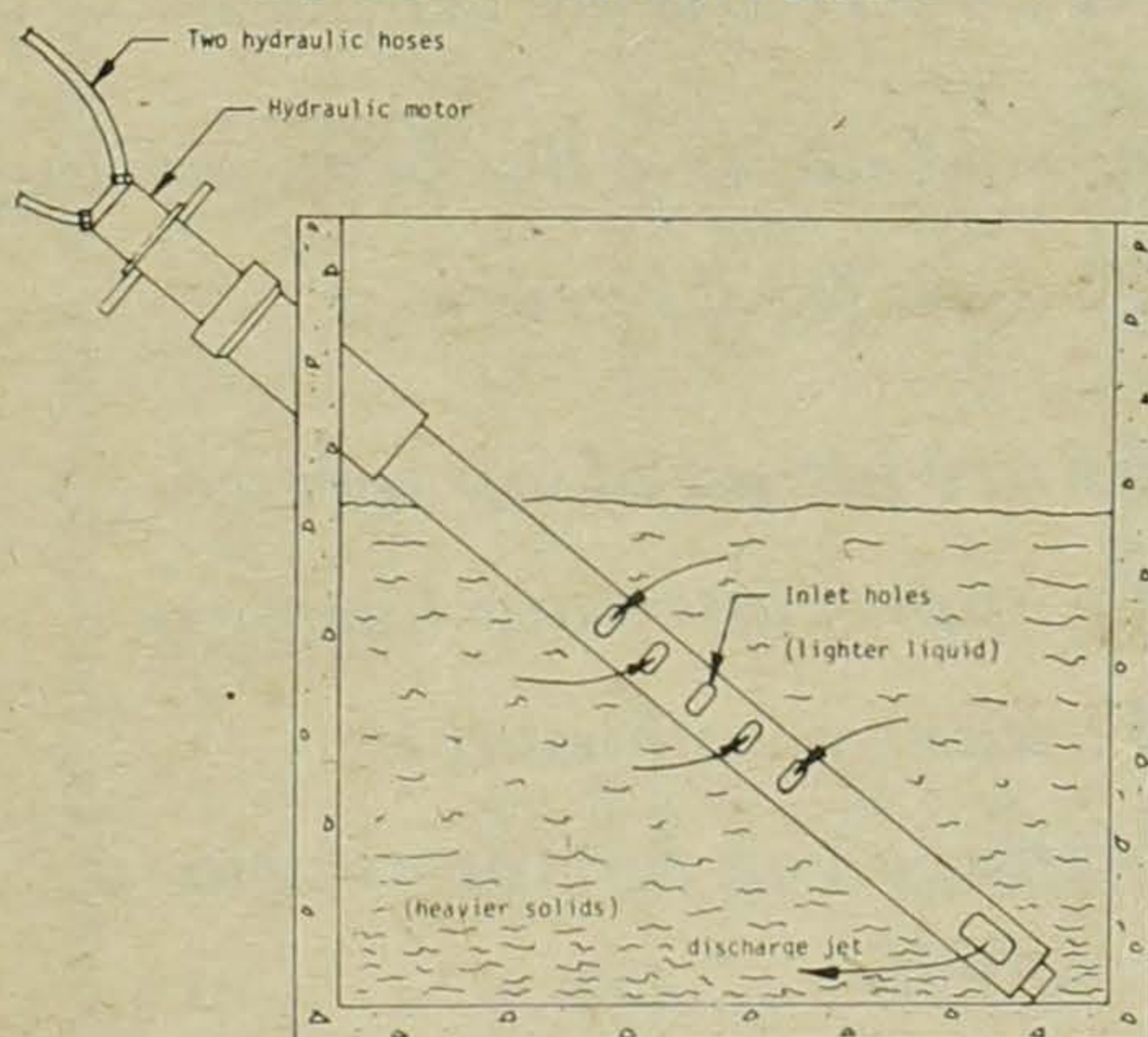
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Rob or Stan at: 322-4013

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Have A Solid Buildup In Your Pit?

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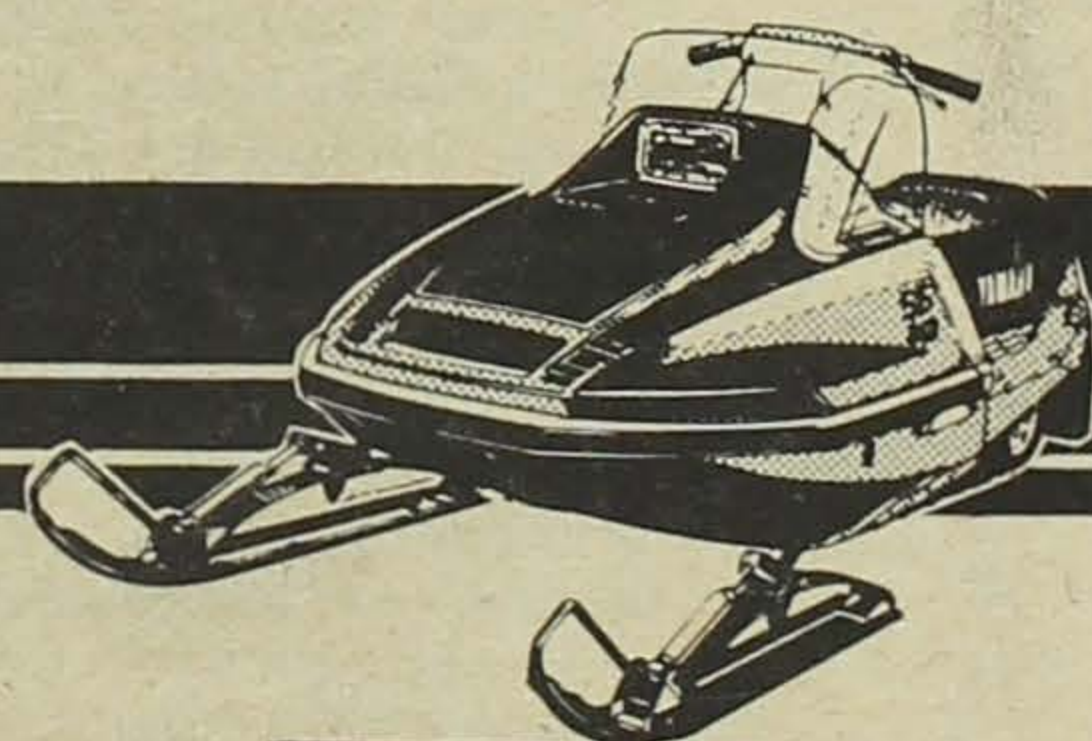


THE MANURE PIT AGITATOR
by Clay

Contact: **DAN FOX CONSTRUCTION**
712-563-2497 or 2036

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& FEBRUARY 6, 1 TO 5 P.M. WITH
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Moscow, Idaho, calls itself the world. It is the center of an area that produces almost 100 percent of the U.S. dry peas and lentils.

We Are Pleased To Announce That We Are Now Representing

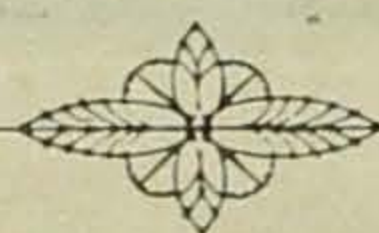


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See Us For Your Liquid Fertilizer Needs.
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Today management is the difference.

Today the management skills required for maximizing profits or minimizing losses are different than those needed before.

Today's successful producers recognize that it's not "business-as-usual" and adjust. They accept the challenge and discipline themselves to make the difficult decisions needed — from decisions affecting the conduct of their business to those affecting home and family needs. They examine every management resource and evaluate their own management skills.

The economy is hard, but with management equal to the times, it's workable... profits are being made. It's survivable... losses can be controlled.

The producer who rises to meet today's challenge will build a stronger, more efficient foundation from which to enjoy the opportunities ahead.

Today, management makes the difference.

**Agricultural Production
Credit Association**

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Atlantic, Iowa
(712) 243-1222



FARM NEWS ROUNDUP

WASHINGTON (AP) — The majority of Americans still drink coffee, but their numbers have dwindled steadily the past 20 years, says the Agriculture Department.

In 1982, 56.3 percent of the population drank coffee. That was down only one-tenth of a percentage point from 1981. But in 1962, 74.7 percent of the U.S. population drank coffee.

The USDA's weekly Farm Paper Letter issued Monday noted some other details about American beverage habits published in a recent report:

—While per capita consumption of coffee reached a 40-year high of 3.12 cups per person per day in 1962, it has declined steadily and averaged only 1.9 cups per person daily in 1982. That's a 40 percent decline.

—Regular coffee still

accounts for 7 out of 10 cups of coffee consumed in the U.S., although its consumption decreased 4 percent last year while consumption of instant coffee increased 4 percent.

—While coffee remains the favorite U.S. beverage, soft drinks are coming on fast. Only 32 percent said they drank soft drinks 20 years ago, 53 percent do now.

—Milk, which ranked No. 2 behind coffee in earlier years, now is third. Only 49 percent said they drink milk now, compared to 54 percent 20 years ago.

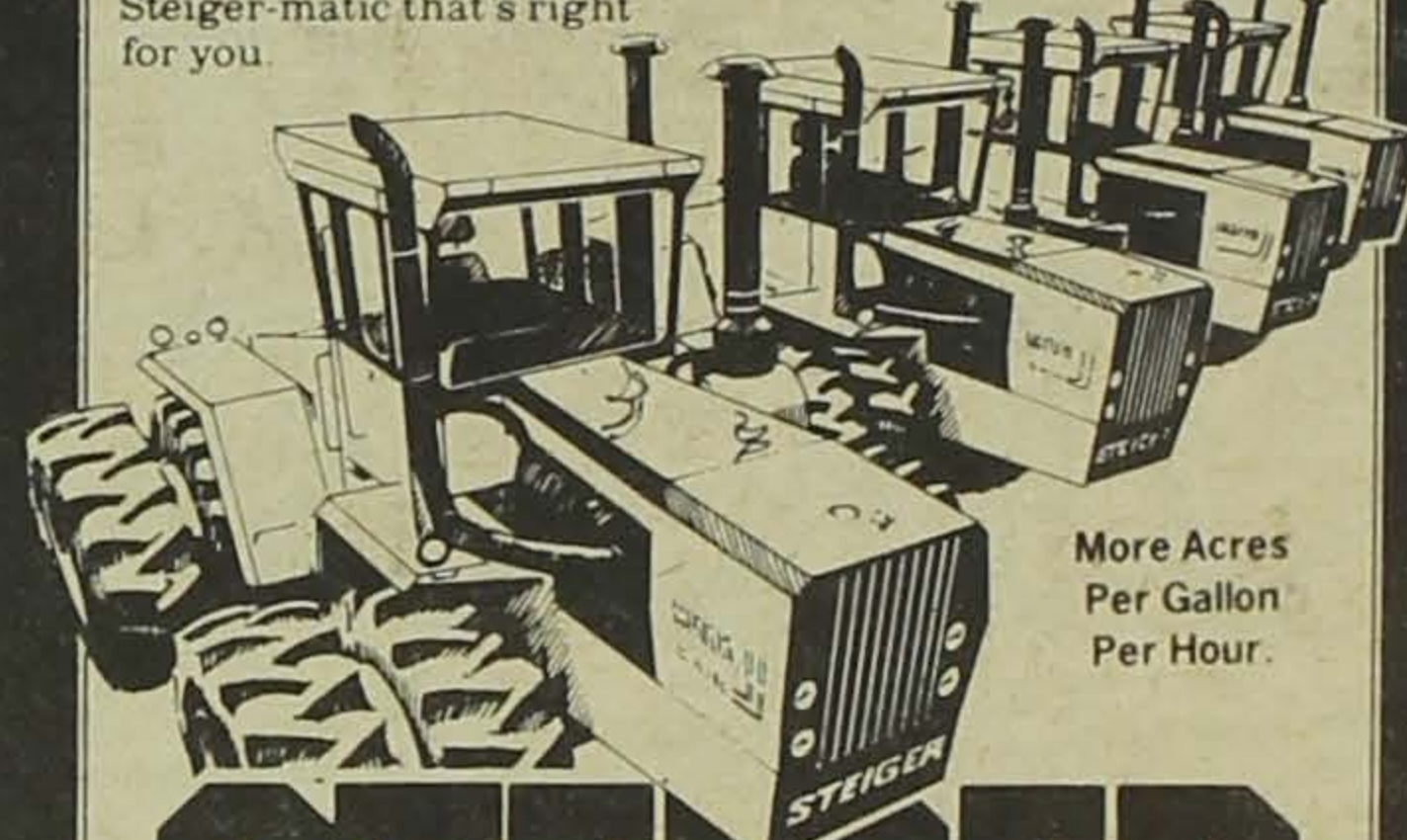
—Fruit and vegetable juices are gaining slowly, with 44.5 percent saying they drink them now, up from 41 percent 20 years ago.

—Tea has gained but still ranks as the least-popular non-alcoholic beverage among Americans, with 32 percent saying they drank it last year, compared to 25 percent in 1962.

Get off the stick in style!

Steiger is way ahead of everyone else with automatic four-wheel-drive. In fact, they've got a full line of automatics.

The Allison automatic is now available on four models: two Cougars at 280 engine horsepower, and Panthers at 310 and 325 horsepower. Whatever your needs, there's a Steiger-matic that's right for you.



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Per Hour.

STEIGER

Lease plans to fit every operation.

Sorensen Ford Equipment

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John & Tom Hartkopf Say,

*"Allied Engineering Co. Ready
Mix Concrete is the very best.*

*Allied Concrete has been serving
this area for 31 years!*

We are proud of our service.

We appreciate your business.

We want your business.

We thank you for your business."

Call

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For

Ready Mix Concrete

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Atlantic

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Turkey Creek Wildlife Area To Open

This spring, the Cass County Conservation Board will complete the development of a new recreational and educational facility, located at the Turkey Creek Wildlife Area four miles south of Atlantic.

The Turkey Creek Nature Center will provide county residents the opportunity to enjoy a leisurely walk through a diverse natural setting, as well as learn about our natural environment.

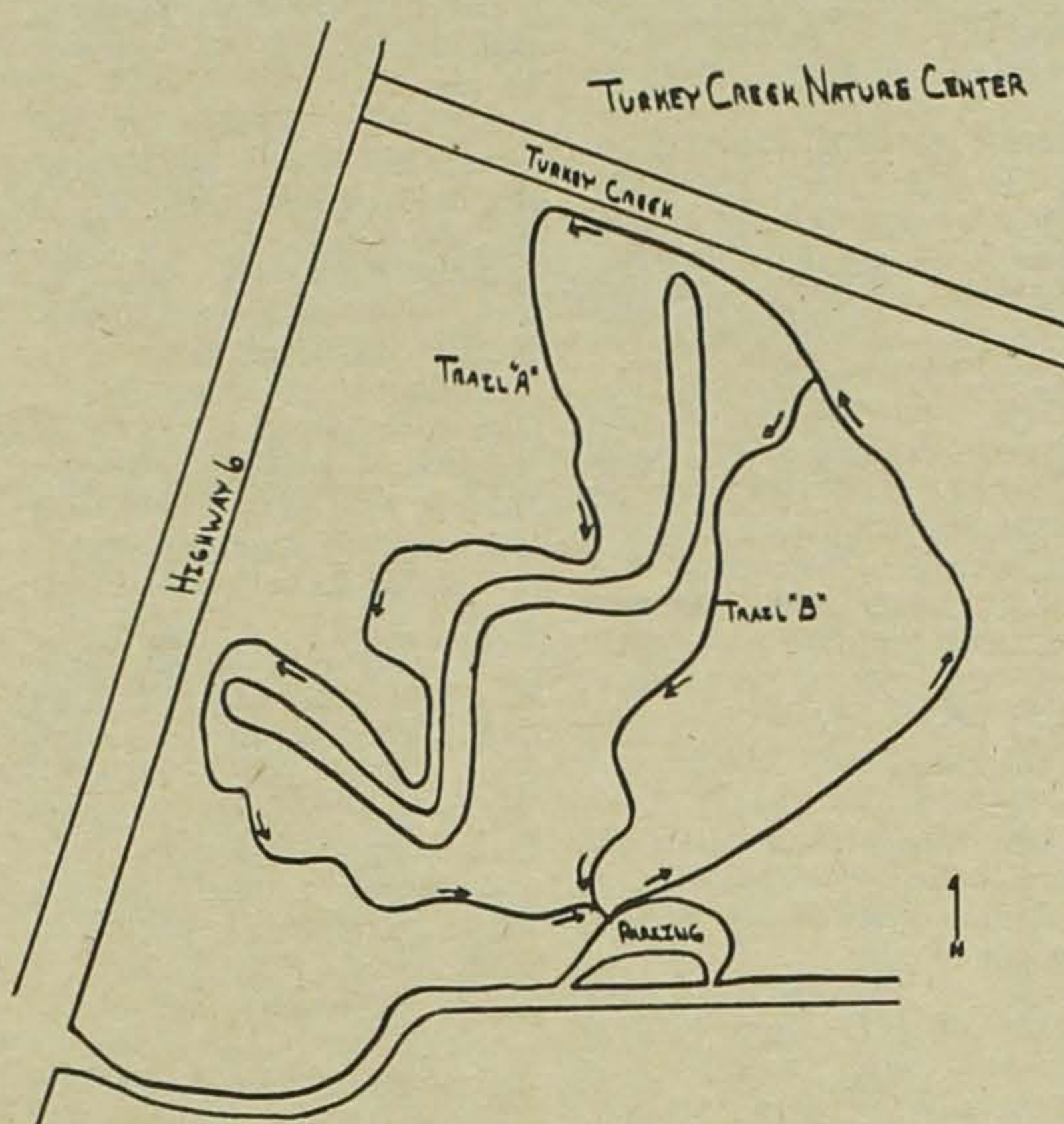
Two trails, the longest being approximately one mile in length, will wind throughout the east portion of the wildlife area, giving the visitor the opportunity to see a variety of plant and animal communities, ranging from an abandoned field to a bottomland forest. More than 100 kinds of plants can be seen throughout the year and wildlife make for continual activity in the area.

Each trail will be self-guiding with numbered station markers identifying many different points of interest. Some of the stations will deal with tree identification while others will point out various ecological concepts and occurrences.

These will include such topics as succession, prairie restoration, oxbow formation and homes for wildlife. A trail guide pamphlet will be available to describe each of the stations. The trails are to be surfaced with gravel and a small picnic area will be developed near the trail entrance-exit.

The Conservation Board will encourage local schools to use the area as a part of their environmental education and-or science curriculums. The Turkey Creek Nature Center will be an excellent facility for teaching youth about the environment.

In addition, to help introduce people to the nature center, county conservation personnel will conduct biweekly



nature walks throughout the spring and summer months. For groups or individuals interested in participating in nature hikes, contact the con-

servation office telephone 243-3542 this spring.

Officials hope to have the trail system completed by the end of May.

CROP STOCKS

Stocks of corn in Iowa Jan. 1 were up 21 percent and the largest since records were started in 1945. Soybean stocks were also at a record level, 9 percent above the previous record set last year.

Stocks of corn at 1.90 billion bushels was a record and up 21 percent from the 1.56 billion bushels on hand Jan. 1, 1982. Seventy-five percent of all corn stocks were stored on the farm.

Soybean stocks at 341 million bushels was a record and 9 percent above the previous record of a year earlier at 314 million bushels. Fifty-nine percent of the soybean stocks were stored on the farm.

Corn stored in all positions in the nation Jan. 1, 1983, totaled a record high 8.42 billion bushels, 21 percent more than last year's level of 6.97 billion bushels. Of the total corn on hand, 73 percent of 6.16 billion bushels was stored on farms.

Soybeans in storage Jan. 1, 1983, totaled 1.83 billion bushels, up 12 percent from a year ago. Farm stocks were up 21 percent to 1.07 billion bushels.

The queen termite's body grows to an enormous size, since her only function is to produce eggs, many thousands daily. Some African queen termites become so large that they are highly prized and relished as a delicacy by the natives.

RECYCLED

TULSA, Okla. (AP) — Old tennis balls never die. They just keep bouncing around.

This year, as in the past, the Tulsa Area Tennis Association, which co-sponsors the World Open, donated 1,872 balls used in the tournament to the Tulsa Park and Recreation Department.

The balls are distributed each June to the city's 16 recreation centers. As they wear out,

they're replaced with balls from other Tennis Association-sponsored events.

"We very seldom buy tennis balls anymore," said a park department official.

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Interest Continues In Switchgrass Share Program

By Ken Herring
Wildlife Biologist

Interest in the switchgrass cost-share program offered by the Iowa Conservation Commission the past year was slow due to the wet spring and summer. Two new fields of switchgrass were planted this year, and field inspection of switchgrass planted in 1981 appear to be very encouraging.

Good management by all cooperators despite the rough weather this year really brought on some good stands of switchgrass in the county.

The Conservation Commission will continue the switchgrass program in Cass County next year as well, however funds will be more limited than in the past.

Applications are available at the Soil Conservation Office in Atlantic. Deadline for applications is March 1.

Advice

As we now have several farmers with some good experience growing switchgrass, you may wish to seek out their advice and consider this pasture improvement technique. Switchgrass is a tall warm-season native prairie grass once common in Iowa. Switchgrass can supply excellent forage for cattle during the hot summer months, when cool-season grasses such as bluegrass, orchard grass, and fescue are dormant.

A good stand of switchgrass may require a year or more to become well established, but once established, it will last indefinitely if it is properly managed. It is also an excellent grass for upland birds such as quail and pheasant. Land de-

voted to switchgrass seeding under the cost-share program will also qualify for set-aside acres.

With the passage of the Slough Bill in the last session of the Iowa Legislature, native prairie areas and wildlife habitat areas less than two acres in size are now eligible for property tax exemptions.

Wildlife areas may be any area devoted exclusively to the purpose of providing wildlife habitat. Odd areas near fence corners, around ponds or creeks are good areas which would qualify.

While the savings are not big, I would encourage anyone interested in providing a small area on their farm for wildlife to contact me. Applications for these exemptions may also be picked up at the SCS office. Deadline for applying is April 15.

Forest Reserves

Other changes provided by the bill are that lands qualifying as forest reserve will also be tax exempt. Applications and information on forest reserve are available at the County Assessor's Office.

Just as a reminder, grazing is prohibited on all forest reserve areas and at least 200 trees per acre minimum must be present. Firewood cutting is allowable on forest reserve areas as long as the 200 trees per acre are maintained. Forest areas in Cass County are becoming harder and harder to find. This might just be the year you will want to fence off your woodlot and enter into the forest reserve program.

The Iowa Conservation Commission will be trying to get a

better idea of the deer population in Cass County this year, providing we have some complete snow cover. This year we will be counting deer in several selected areas of the County by using an airplane to fly over winter deer areas.

Flights will be at low altitudes (400-450 feet) following complete snow cover. This is the first year this technique has been used state wide in an effort to gain more information on Iowa's deer herd. The census is planned to be continued each year.

Tom Berkley, district supervisor for the Conservation Commission's wildlife section retire Jan. 13. He has served the Conservation Commission for 37 years, starting as a conservation officer and ending his career as district supervisor stationed at Lewis. Tom resides in Atlantic.

FBI HAS CHANGED

WASHINGTON (AP) — Today's FBI is a different place from the FBI of a decade ago.

It has admitted more than 350 female agents, and the number of minorities in the bureau has also grown.

There are 237 blacks, compared to 61 a decade ago; 245 Hispanic-Americans, compared to 57; 54 Asian-Americans instead of 15; and 30 native American Indians compared to three.

The total force is 7,836.

The new figures reflect the philosophy of the current director, William H. Webster, who believes the bureau must become increasingly representative of the country's total population.

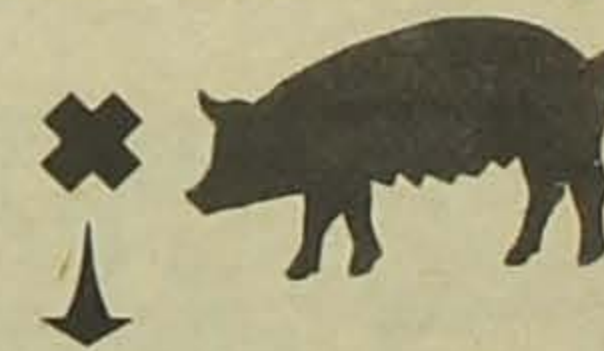
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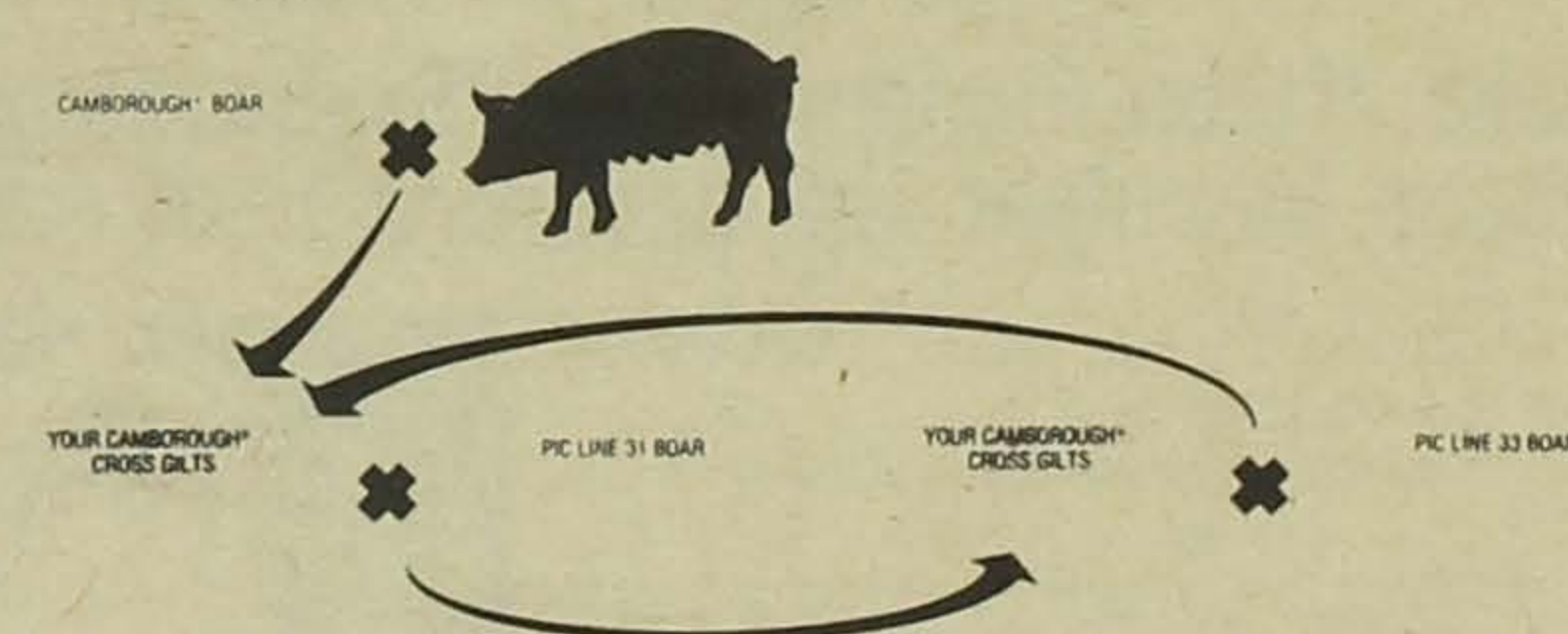
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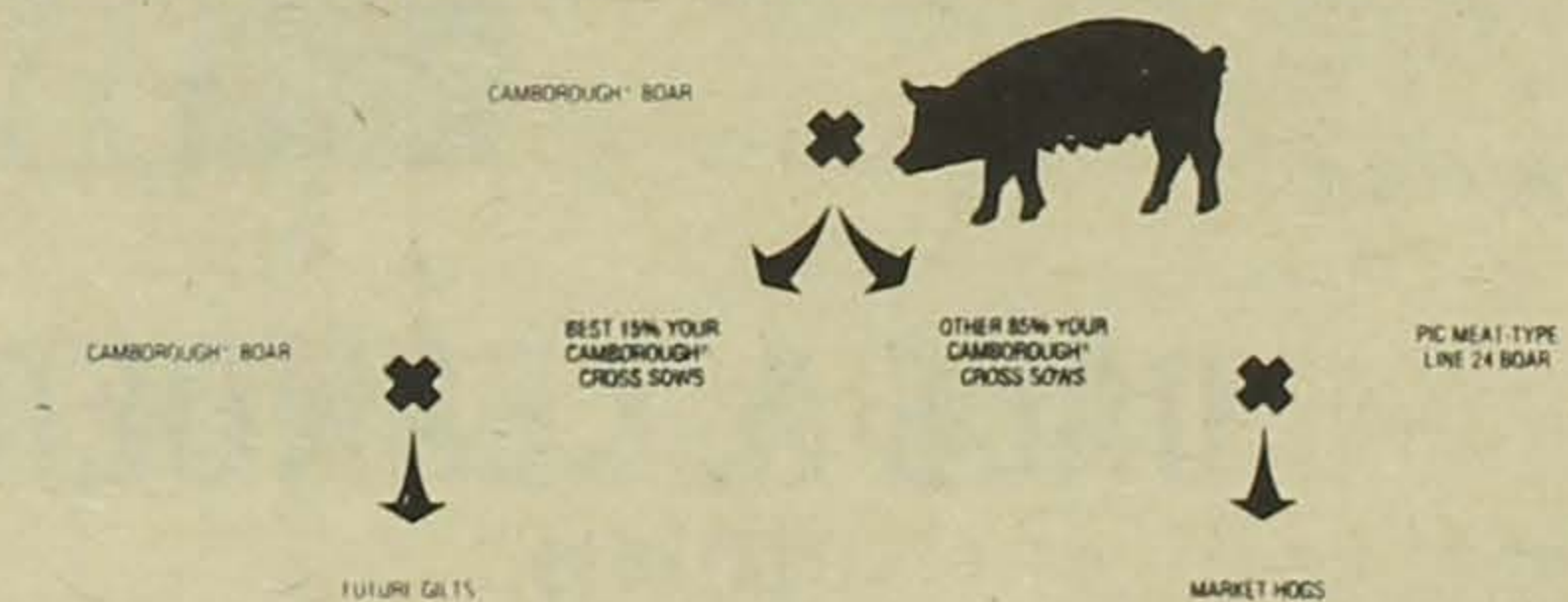
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Windbreaks Prove Valuable In Winter

"Don't be fooled by Mother Nature," says R. Elmer Ouderkirk Jr., soil conservationist with the Soil Conservation Service Office in Atlantic.

"Living in Iowa this winter with the mild temperatures and moderate winds so far, is like living in a dream to many of us, like myself, who hate cold weather and blowing snow.

"However, having lived in Iowa since 1950, I have come to accept the fact that Iowa winters can be windy and cold. Remember the winter of 1981-1982. Anyone having paid the heating bills for that winter won't soon forget it."

Livestock feeders are particularly concerned with feedlot conditions and the health of animals during severe winter storms.

As the saying goes, "We can't control the weather," but according to Ouderkirk, many farmers in Cass County are planting feedlot and farmstead windbreaks to help provide protection to their livestock feeding operations.

According to the SCS fiscal year report, 15 landowners planted approximately six acres of farmstead windbreaks that were cost-shared with Agricultural Conservation Program (ACP) funds administered by the Agricultural Stabilization and Conservation Service (ASCS). Additional windbreaks were planted that did not comply to specification and were not eligible for cost-share assistance.

Eligibility

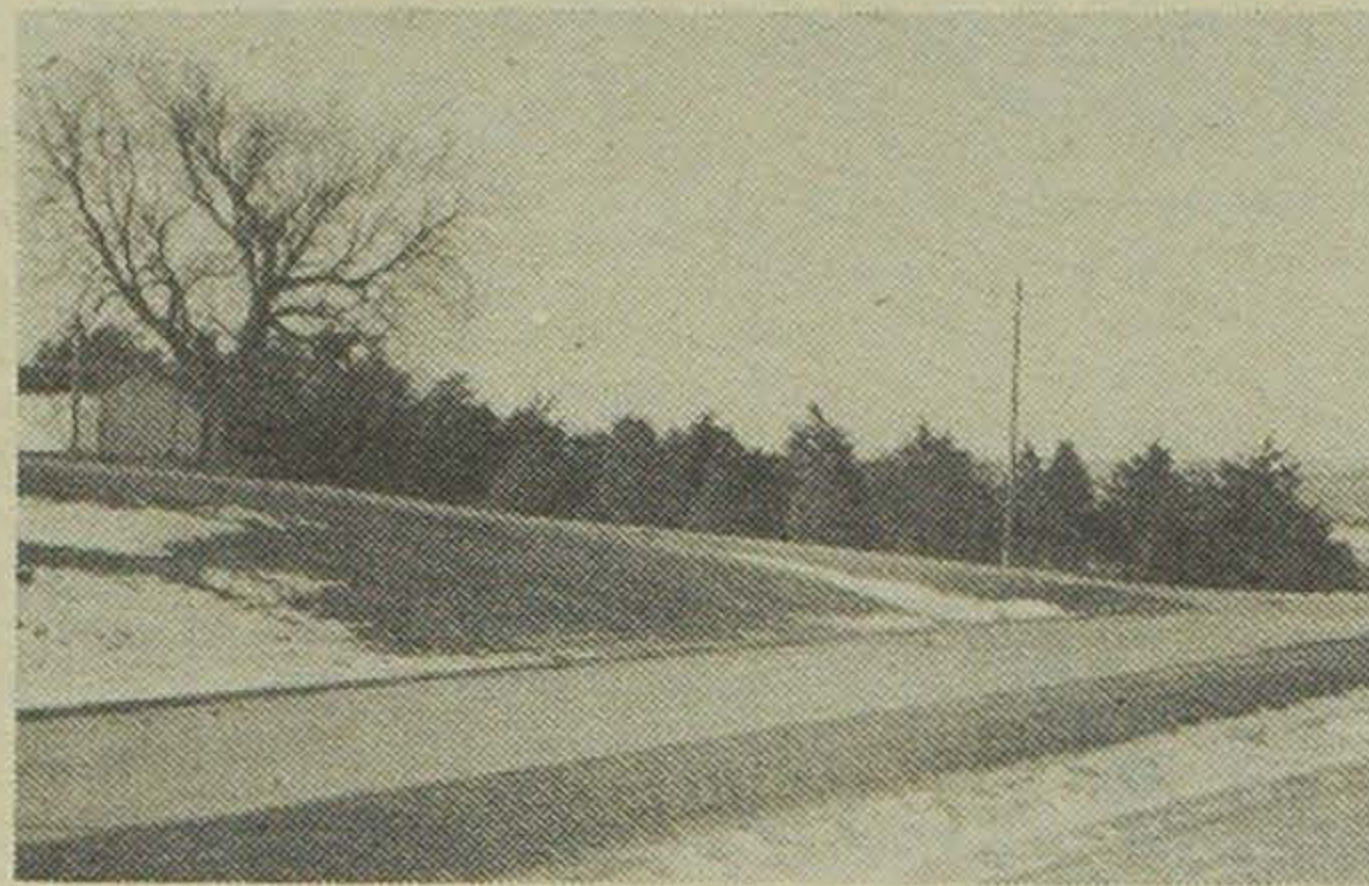
To be eligible for ACP cost-share assistance, a farmstead or feedlot windbreak must have as a minimum, three rows of evergreen coniferous trees or two rows of such trees and one row of shrubs. At least two different species of trees should be planted to reduce the chance of disease or insects destroying the entire windbreak.

To assure that trees selected will be suited to soils of the windbreak planting site, and to assure that proper spacing of trees and shrubs are followed in subsequent plantings, a windbreak planting guide or plan, drawn up with SCS technical assistance, will be provided to the ASCS Cass County Committee for considering ACP cost-share applications for windbreaks. According to Ouderkirk, this regulation has been standard procedure for many years.

Iowa's prevailing winter winds come from the northwest. For that reason, the windbreak should be located along the north and west sides of the farmstead, at least 100 feet and no more than 400 feet, from the area to be provided maximum protection.

Protection Zone

It is generally considered that



Windbreak on the Mrs. Joan Hahn farm was planted in 1966.



Mrs. Hahn displays winning certificate.

the most effective zone of protection extends downwind eight times the height of the trees. As an example, a windbreak with trees 30 feet high will reduce wind velocities up to 50 percent for 240 feet.

In planting a L-shaped windbreak, (both north and west sides) a good planting guide to follow is to start planting with the corner tree of each row. Adjacent rows of trees, having the same within the row spacing, will require some adjustment in order that trees will alternate.

The best time to plant windbreak trees is in early spring. Planting can start just as soon as the frost is out of the ground.

"Usually the trees can be planted before any amount of field work has to be started," reports Ouderkirk.

State Winner

Landowners who plan to plant feedlot and farmstead windbreaks next spring are encouraged to visit the Soil Conservation Service office for technical assistance. Removal of old fences or dead trees from the planting site should be done as soon as possible to avoid unnecessary delays in planting next spring.

One of Cass County's outstanding windbreaks is located on the Mrs. Joan Hahn farm in Section 21 of Franklin township. This windbreak was planted in 1966 by Mrs. Hahn and her late husband, Earl. The planting is a combination of honey-

suckle, Concolor fir, and Eastern red cedar.

In 1982, the windbreak won in the state division of the Izaak Walton League Windbreak Award Contest sponsored by the Izaak Walton League of America in cooperation with the Iowa Department of Soil Conservation.

The Inter-American Development Bank says in the year 2000 more than three-fourths of Latin America's population will live in urban centers — or 475 million of 600 million people.

The Golog tribe of China numbers between 80,000 and 90,000 and inhabits the Golog Tibetan autonomous zone of the People's Republic of China. During the 1950s and 60s, the tribesmen fiercely resisted

Chinese domination of their homeland and killed thousands of communist troops before agreeing to a truce. Today, the Gologs enjoy greater freedom within their borders than any other ethnic minority in China.

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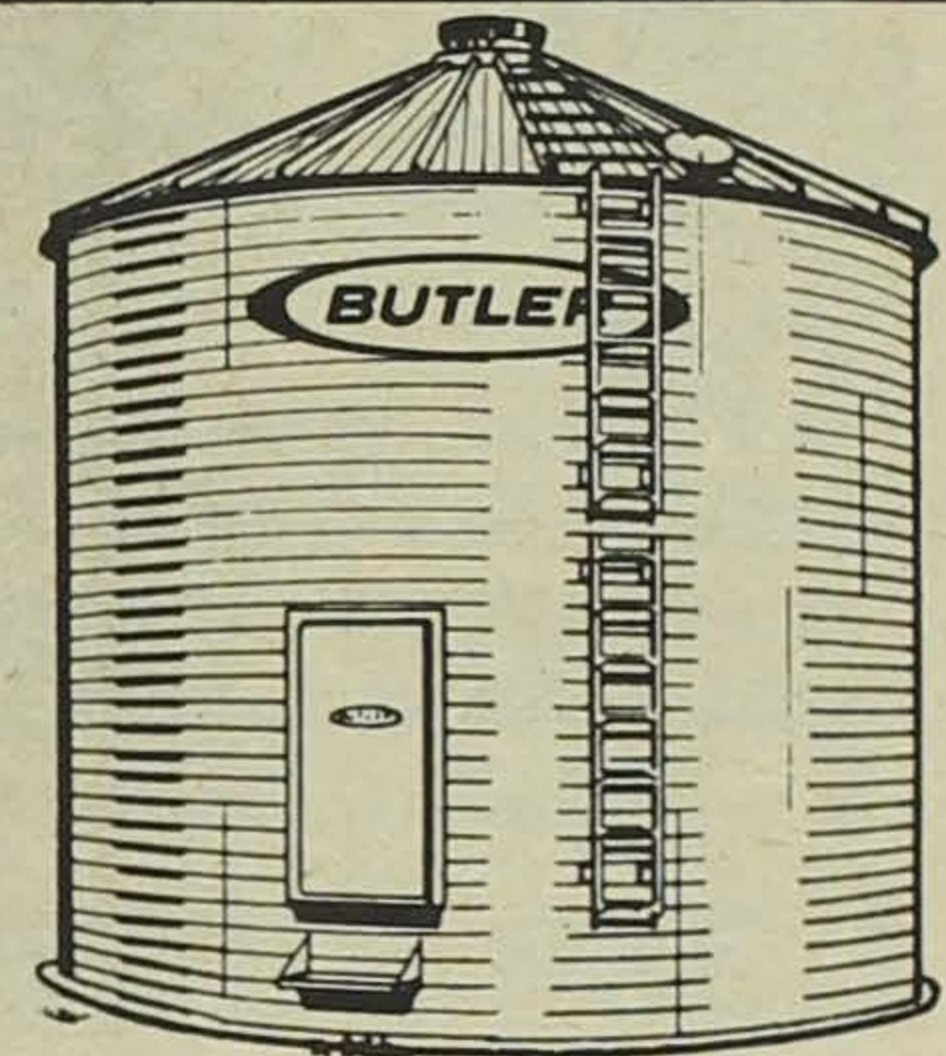
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HORSY

TOLEDO, Ohio (AP) — The horsiest part of this town these days is the Hasty Hills Farm development where once grazed the famed show horses

and thoroughbred racers of Mr. and Mrs. A.E. Reuben.

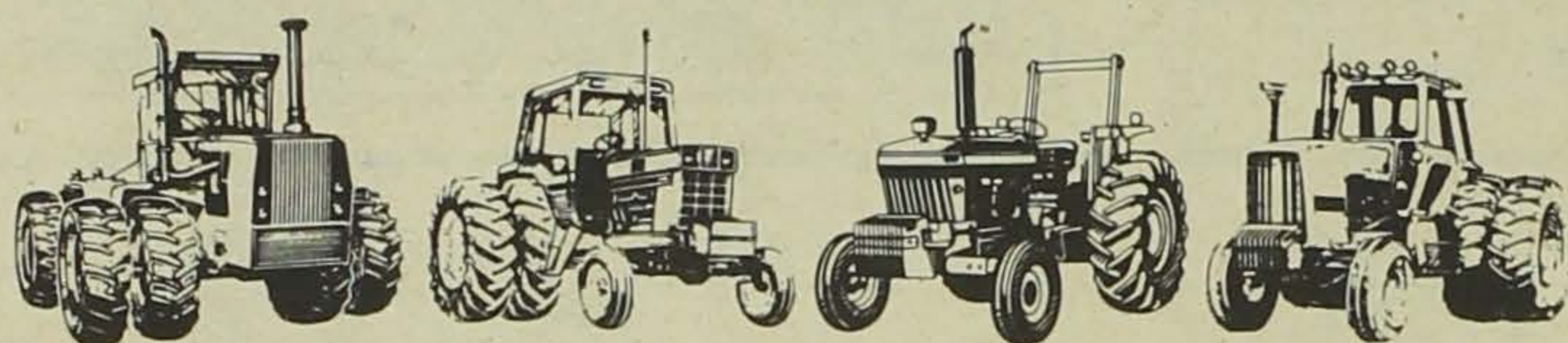
The horse theme was followed to such extent that the ribbon cutting for the grand opening was accomplished by

having a horse part the ribbon by jumping into it. It was determined that all streets be named for Kentucky Derby winners, with some exceptions such as Preakness Road.

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Cass Soils Date Back To Glaciers

By Alan Ehley

Soil Conservationist

Just as every picture tells a story, each soil type is unique with specific climatic, organic and historic properties.

The soils of Cass County are of three diverse origins, with the latest glacier, about 10,000 years ago, being the major moving force.

Many of the steep side slopes in this area are made up of old, stony glacial till from the earlier Kansan and Nebraskan glacial eras of 600,000 to 1.2 million years ago.

These soils are basically tight clays with most productive topsoil already eroded onto the bottoms. Productivity is low because many essential nutrients have been leached away over the past hundreds of thousands of years.

The soils that collected and developed in the bottom areas are called alluvial soils or water-deposited soils. They are usually loamy in texture; a balanced blend of fine sand, silts and clays. If drained, these soils can be very productive and tend to be of quality for quite a depth.

The pride of southwest Iowa is our unique loess soils or wind-

deposited soils. These soils were blown eastward by the dominant westerly winds off the bare Missouri River flood plain as it was periodically flooded and then froze over with the melting of the latest great glacier.

These loess soils accumulated to great depths along the east shoreline of the Missouri floodplain, influencing the counties of Fremont, Mills, Pottawattamie, Harrison, Monona and Woodbury.

With the coarser silts and fine sands falling out first, the finer silts and light clays were carried farther east by the winds into Taylor, Adams, Cass and Audubon counties.

Finer soils mean poorer drainage, that's why level terraces will drain runoff as a person travels west toward Nebraska, but tile outlet terraces are necessary in Cass County to remove runoff that would otherwise remain in the terrace channels.

Loss With A Cost

So, as you can see, our soils are what they are because of the great glacial eras of the past. To abuse our precious loess soils, and eventually lose them would be tragic because it would take a duplicate Wisconsin glacier to replace them. We can't afford to wait for that to happen, chances are it won't.

Conservation Plan Aid To Farmers

By Alan Ehley

Soil Conservationist

Winter is the time of year to reflect on the past and contemplate the future. The growing season of 1983 will undoubtedly be different than the wet, cloudy season of 1982.

Hazardous soil movement downhill caused many farmers to replant row crops once, and in several cases, twice or more, before summer, 1982, settled in.

Weather cannot be accurately forecasted, nor once predicted can it be altered, but soil movement can be reduced and herbicide, pesticide and seed waste eliminated.

One sure way to control soil movement is to have a conservation plan written for the farmstead and follow the guidelines noted in the plan.

To begin the process, just stop in the Soil Conservation Service Office, Sunnyside Lane, Atlantic, and ask for a conservation plan. One of the planners will determine the legal description and then collect aerial photos and soil maps for locating ownership boundaries and noting field borders.

Every farmer has different ideas and schedules, so a priority is listing the objectives of the farmer with his farmstead.

Once this information is recorded, the planner correlates soil types with field boundaries and farming objectives. If terracing or strip cropping is part of the plan, the planner will do a complete walkover of the designated area.

A terracing or strip cropping guideline can now be drawn up to give the landowner a rough idea as to how these practices might layout on the farmstead.

In the completed form, a conservation plan will include soils and aerial maps, agreed upon decisions that will reduce soil loss, possibly alternative structural and tillage suggestions, and soil analysis sheets for additional information on soil characteristics.

A conservation plan is an important tool used in farm planning. Call 243-3180 for more information.

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Farm News Roundup

By DON KENDALL
AP Farm Writer

WASHINGTON (AP) — Total U.S. crop production set a record last year, including a corn harvest that turned out slightly bigger than the Agriculture Department estimated last fall.

A year-end summary of 1982 crop production showed Thursday that farmers harvested nearly 8.4 billion bushels. That was 67 million bushels more than the 8.33 billion bushels estimated in November.

Overall, total U.S. crop production in 1982 was a record, the department's Crop Reporting Board said. Record production was reported for feed grains, and hay and forage. Oilseed crops, mainly soybeans, increased from 1981 but fell short of 1979's record output.

Total food grain production was down from 1981, as were sugar crops, cotton and tobacco.

The USDA's 1982 "all crops" production index was reported at 120 percent of a 1977 base used for comparison. It averaged 116 percent in 1981, the previous high. Last November, the preliminary reading for 1982 was 118 percent.

Much of the overall increase was due to the huge harvest of corn and other feed grains. The index for 1982 feed production, for example was 124 percent, compared to 121 in 1981.

Last year's corn production was up 2 percent from the 8.2 billion bushels harvested in 1981, the previous high.

Officials said the crop yielded a record 114.8 bushels per harvested acre, up slightly from 114.4 indicated last fall. The average was 109.8 bushels per acre in 1981.

Other crops were mostly in line with estimates made earlier in 1982, the report showed.

Total wheat production was put at a record of 2.81 billion bushels, up fractionally from the 1981 high of 2.8 billion bushels. The yield was 35.6 bushels per acre, compared to 34.5 the year before.

Soybean production was reported down slightly from the November report but still set a record at nearly 2.28 billion bushels. The harvest was up 14 percent from the weather-shrivelled 1981 crop.

Cotton output, at 12 million bales, was down 23 percent from the bumper 1981 harvest.

The 1982 rice crop was 154.2 million hundredweight, down 16 percent from the record output of 182.7 million in 1981.

"Acreage of principal crops planted or grown in 1982 totaled 363 million acres, down two million acres from 1981," the report said.

"The major crops showing decreases in planted acreage from 1981 were: All wheat, down 2 percent; all corn, 3 percent; barley, 1 percent; and all cotton, down 20 percent."

Farmers planted 1 percent more land to grain sorghum and 6 percent more to soybeans, the report said.

The average 55-year-old American male in reasonably good health can look forward to reaching his 76th birthday — another 21.2 years of life, says the American Council of Life Insurance. But 55-year-old women today have an average life expectancy of 26.6 more years, says the council. On the average, they will live to be 81 or older.

Marriage Gets Off On Right Track In Alaska

SKAGWAY, Alaska (AP) — When Al Huntley and Terry Roberts decided to get married aboard the historic old White Horse and Yukon Railway, they never expected a Tunnel of Love would add suspense to the ceremony.

The Rev. Kenneth H. Newell, pastor of the First Presbyterian Church of Skagway, thought he

had the marriage vows timed perfectly to complete the ceremony before the train passed from Alaska into Canada's Yukon Territory, where his legal authority to perform marriages is void.

Just four miles from the Canadian border, the vows were halted when the steam engine and the vintage 1890s parlor

car carrying the wedding party plunged into the total darkness of a tunnel. Newell had just started to say, "By the powers vested in me by the state of Alaska," when the train slipped into another tunnel.

A long minute and a-half later, Newell quickly finished his sentence, "I now pronounce you

man and wife." The marriage was legal, but only by a mile.

Newell chalks the close call up to experience. "Next time I'll just start the ceremony a little sooner, and pronounce the couple man and wife as we enter the tunnel," he said. "That will give them a full minute of darkness and privacy."

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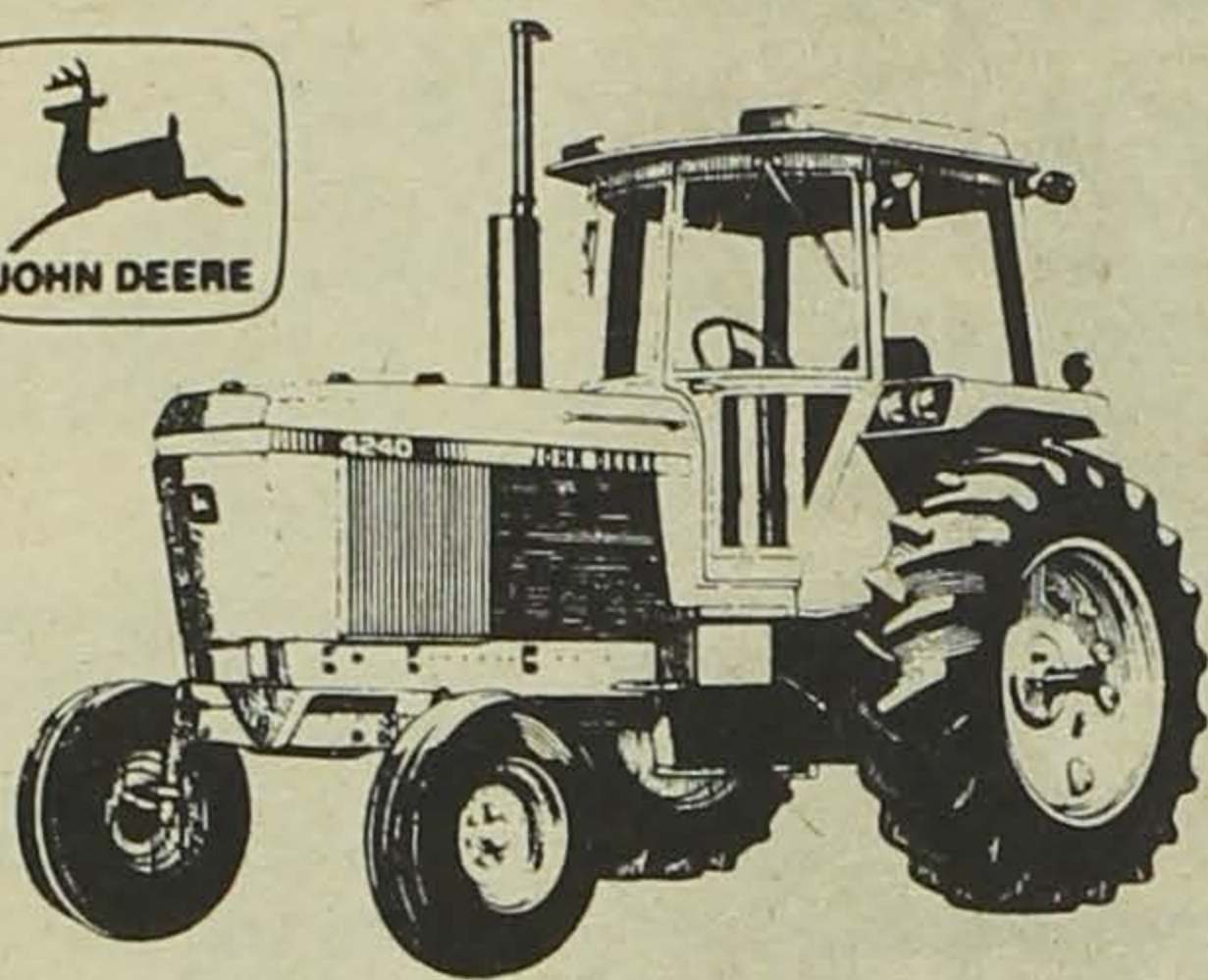
MORE BUBBLES

NEW YORK (AP) — The year 1982 may go down as the year of the champagne grape. The largest crop of grapes in history was harvested this year in the Champagne district of France where ideal weather conditions prevailed.

The abundant crop may help

offset a shortage of champagne resulting from a series of mediocre vintages and should help stabilize prices.

The equivalent of about 250 million bottles of champagne were harvested this fall, up more than 10 percent from the previous record of 226 million bottles in 1979.

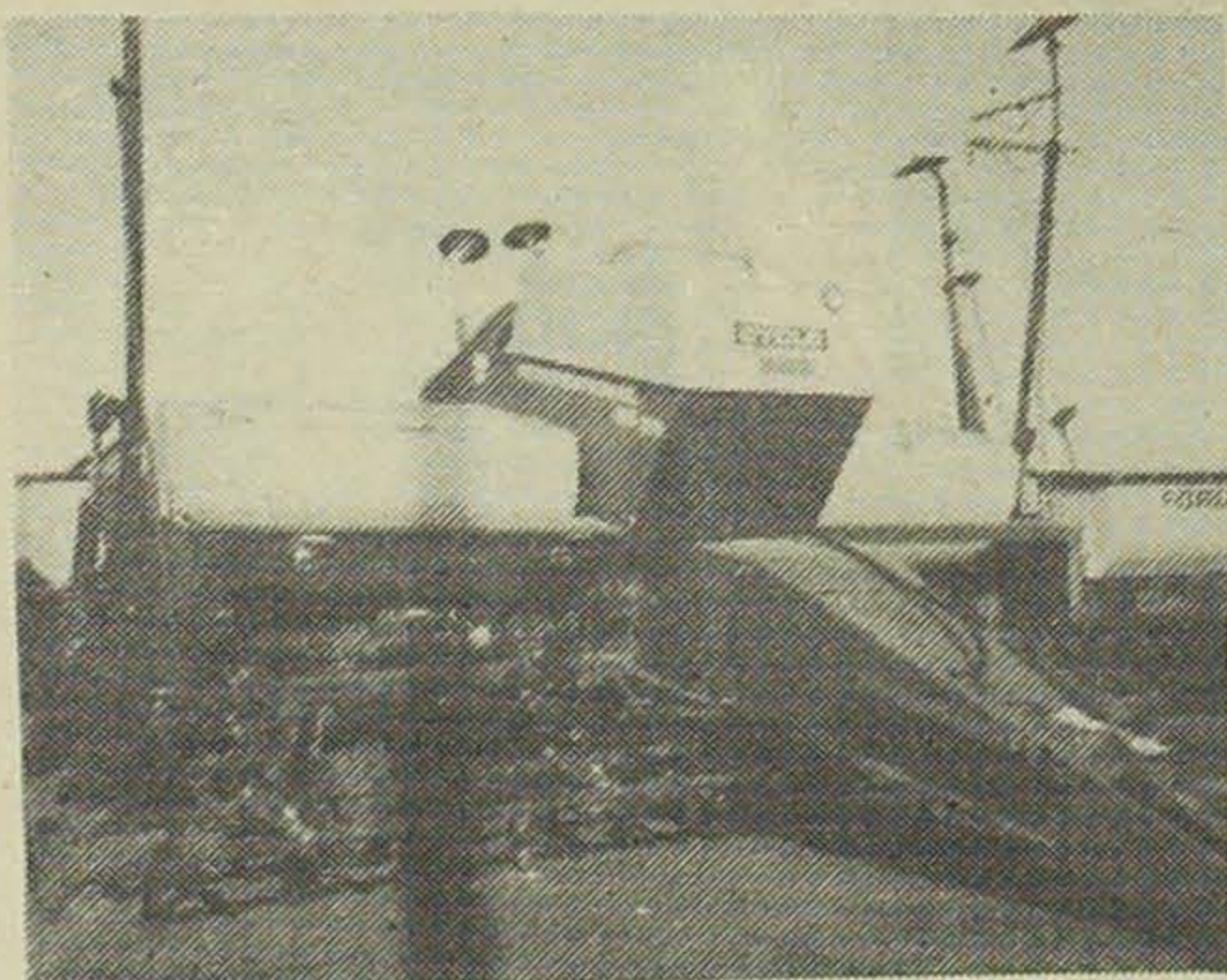


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Ford 354 4-row air planter with monitor	\$895.
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John Deere 230 22"9" disk with 22" cone blades	\$5,350.
Lorenz 85 grinder-mixer as is, cash outright	\$675.
Ford 3 pt. 4 row cultivator	\$995.
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Walsh gear drive cent. pump, 1 3/4", 1,000 RPM	\$275.
'79 John Deere Spitfire snowmobile	\$1,125.
'76 John Deere 440 Liquifire snowmobile	\$1,495.
'74 John Deere 300 snowmobile, electric start	\$750.
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Tip of the Hat to 4-H CLUB MEMBERS



Allen Scarf, son of Howard and Cheryl Scarf of rural route Atlantic, is this month's "Tip of the 4-H Hat" honoree.

Allen, a seven year member of the Grove H.O.T. 4-H Club, has carried projects in sheep, rabbit, food and nutrition, photography and several different self-determined projects. This year he is carrying a beef project for the first time.

He has served his local club as photographer, secretary, historian and is now club presi-

dent. Allen has been active in club recreational activities such as hayrides, bowling and skating parties.

On the county level, Allen has attended Mardi Gras, anything goes contest, State 4-H Conference and area intermediate camp. Last year he helped with some Cass County Youth Council events and was elected to the council this year. In addition, Allen helped narrate the slides of the 1982 Cass County Fair. During the county fair, he has served as 4-H Building host.

Allen says attending State 4-H Conference and being elected to the Cass County Youth Council have been 4-H highlights.

"I like being a junior leader because it gives me a great feeling seeing someone else have fun. Showing 4-H'ers what 4-H really is, is exciting. Maybe just knowing I have a chance to help someone learn is what I like about it," says Allen.

Allen adds, "I love 4-H and it's one of the greatest organizations because it is very educational and extremely worthwhile. It's the ultimate."

CORN REPORT

Iowa's 1982 corn production at 1.59 billion bushels was 10 percent lower than the record 1981 crop.

Yields were good across most of the state with the lowest yields experienced in the south central and southwest crop reporting districts and the best yields harvested in the central and east central parts of the state.

Iowa's average yield at 121 bushels per acre was six bushels below last year's record yield. The 13.2 million acres harvested for grain is 5 percent below the previous year.

Corn silage was harvested from an estimated 470 thousand acres, with an average yield of 15.8 tons per acre.

COOPERATION

NEW YORK (AP) — Scientists from Egypt and Israel are finishing a year-long project in biomedical research in a cooperative program between the two countries.

The four scientists are the first participants in the Camp David Institute for International Health at the Albert Einstein College of Medicine at Yeshiva University here.

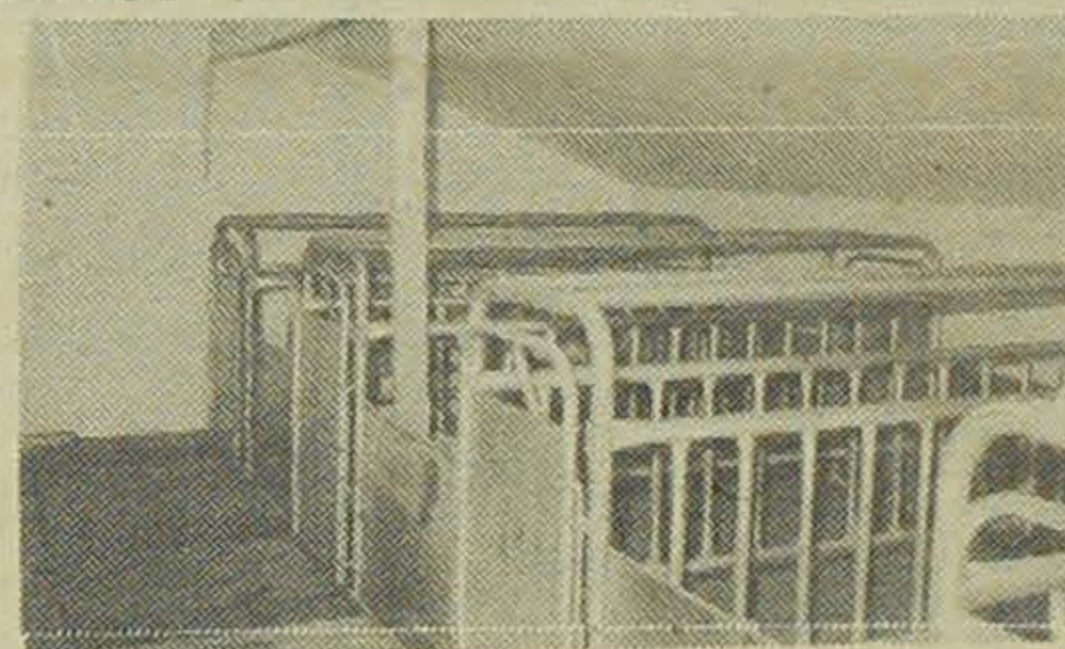
"The institute was started against the best advice of everybody in the State Department and everywhere else," said its director, Dr. Barry R. Bloom. It was financed by a \$1 million anonymous gift.

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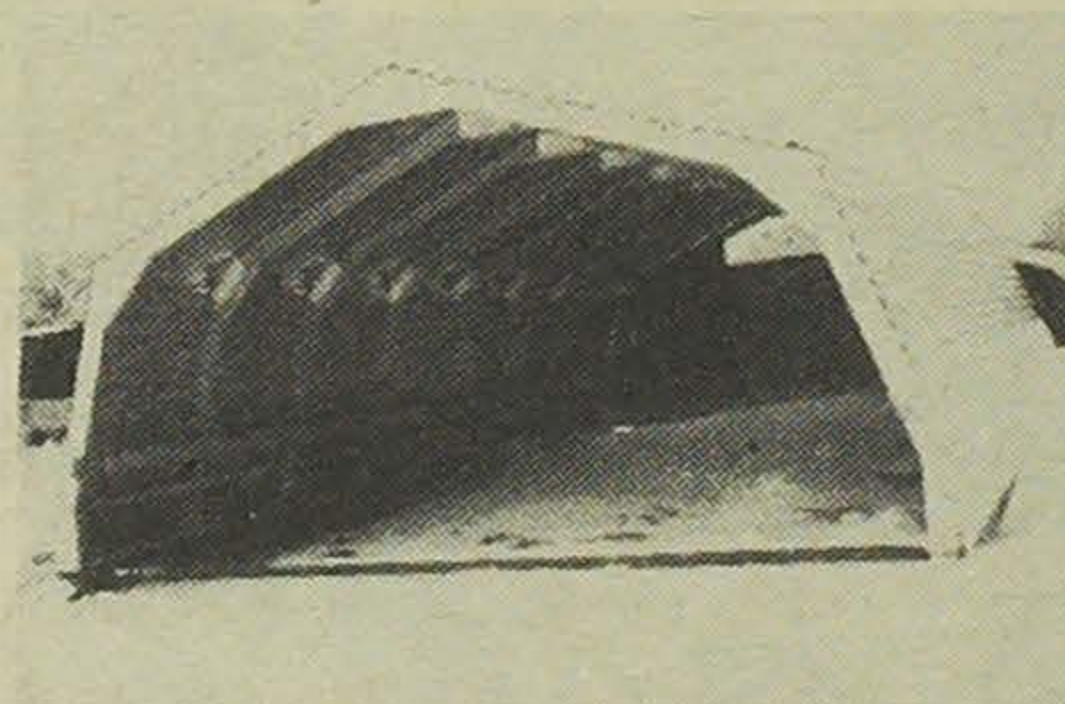
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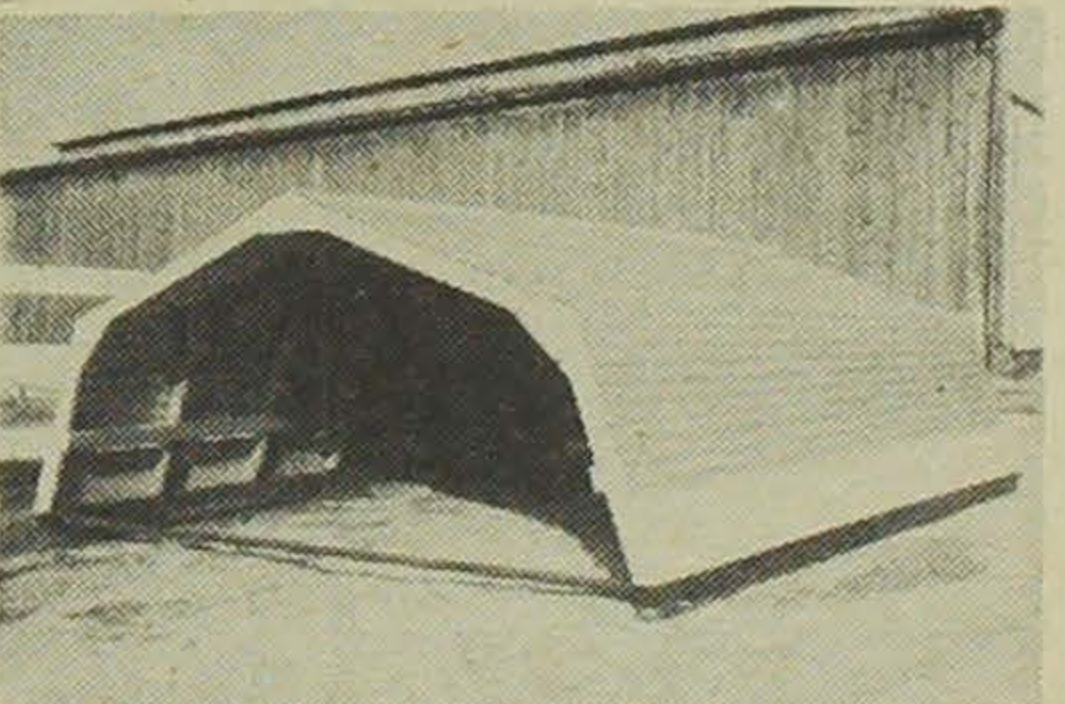
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INSTANT CHURCH

CAMBRIDGE, Vt. (AP) — The concrete slab upon which the edifice would stand had been poured earlier, but other than that, the newest Kingdom Hall — as Jehovah's Witnesses call their places of worship — was built here from scratch recently in 36 hours by more than 2,000 volunteers.

Jehovah's Witnesses have built nearly 100 overnight churches elsewhere in the country, mostly in the deep South and Midwest.

"We're living in the final days. There is so little time left to spread Jehovah's word," said Michael DiZoglio, an elder of the Cambridge congregation. "We feel the most vital work for Jehovah's Witnesses is preaching the good news of God's Kingdom, not putting up buildings. This way we only lose a weekend."

The structure contains a 275-seat meeting hall, two classrooms, an office, a library and two bathrooms. Its estimated cost is \$80,000, most of which is for lumber and other materials.

The volunteers, including a core group of professional carpenters, electricians, masons and plumbers, came

from a dozen states and Canada.

Chinese officials expect a national budget deficit of \$1.5 billion in 1983. This would be 11 percent more than in 1982.

REDUCED FAMILY

TOLEDO, Ohio (AP) — The family of James and Delores Jean Pollauf was reduced from 10 to six in only seven months: four of their children were married and left home.

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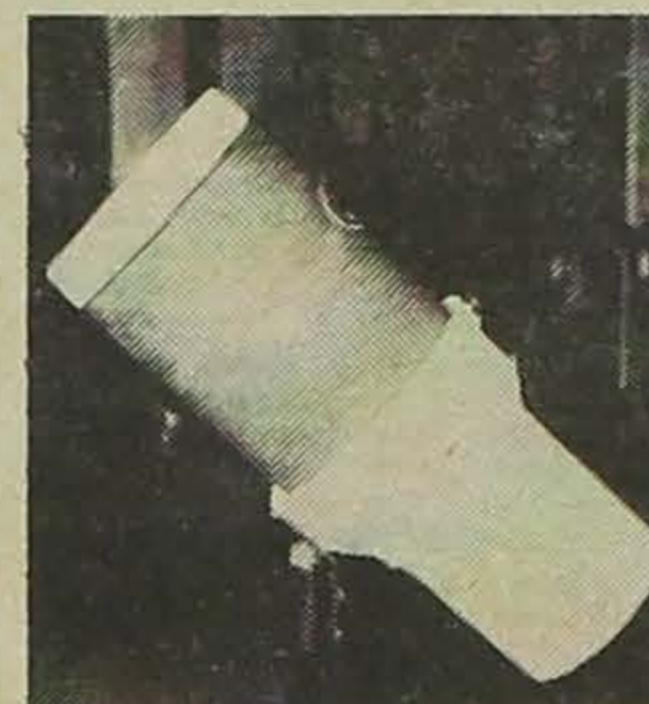
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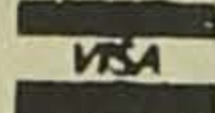


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No-Till Farming Gaining Ground In Cass County

By The Cass County
Soil Conservation District

"I am very pleased with the results of my no-till corn under adverse weather conditions this year. I plan to do more no-till next year."

"I planted no-till and conventionally planted soybeans the same day. That night we had a heavy rain. The no-till beans had the least erosion and a nearly perfect stand. The conventionally planted beans had severe erosion, and about half a stand due to crusting and more weeds."

"No-till planting is less expensive. I am planning on more no-till next year since my yields between no-till and conventional were almost identical."

Growing Army

These quotes from Cass County no-till farmers reflect the growing enthusiasm for a bold, new way of farming. Thirty-six farmers in Cass County planted almost 2,500 acres of no-till last year and reported very favorable results.

A poll of these farmers was conducted by the Soil Conservation District to obtain yield information. Using the No-Till newsletter available to no-till farmers, the district was able to determine average, county-wide corn and soybean yields.

No-till corn yields varied from 80 to 155 bushels per acre. The average yield was computed at 114 bushels per acre.

No-till soybean yields ranged from 12 bushels per acre on double-cropped beans after wheat to a high of 50 bushels per acre. The average yield for all conditions was 34.8 bushels per acre.

"The indications we are hearing lead us to believe that no-



Randy McCunn planting no-till corn last spring in Victoria Township. This is the third year for no-till corn on this land.

till will increase again in 1983. We would encourage anyone trying no-till to get involved with our No-Till Club," comments G.M. Baier, district chairman.

"We are giving away caps and a weekend trip, but every member gets the newsletter with information about no-till. It doesn't cost anything to join,"

Baier concludes.

"Reduce tillage systems similar to no-till can be very effective to reduce soil erosion. No-till or slot planting should definitely be done on the contour. There's no doubt that no-till can reduce soil loss, and obviously we don't have to sacrifice yield either," comments Bill Willis with SCS.

Cass Projects In RC&D Program

By Richard Bolli
RC&D Coordinator

The Cass Soil Conservation District has been active in the Rural Conservation and Development program during the past year. One of the major activities has been the development of the area plan which has been completed and adopted by the sponsors.

This plan was developed by the executive board from the recommendations made by resource committees who reviewed the resource problems and developed recommendations.

The plan sets forth several areas that the executive board wants to emphasize during the coming years.

One project in the area plan from Cass County is the Massena multi-purpose reservoir which proposes a dam north of Massena that would provide the city water supply, flood control and a recreation area. A preliminary report has been developed and the city is proceeding to develop support for the project.

Another project in Cass County has been the request for assistance to develop a market for alfalfa. Two approaches have been considered.

The first was the consideration of an alfalfa dehydrating

plant. This has been determined to be more expensive and too risky a business to interest the group involved.

They are presently looking at the potential of marketing alfalfa hay in small square bales. This appears to have potential and will receive further consideration during the next year.

An area wide project that has been handled by the ag committee, chaired by Garry Pellett of Atlantic, has been the demonstration tillage plots south of Oakland.

This is the fifth year that they have had this site with six different tillage methods. The results indicate that the yield can be maintained with reduced tillage. Less expense and erosion are two benefits from reducing tillage.

During the Civil War, the town of La Grange in Georgia was so loyal to the Confederacy that every single man there marched off to battle. According to the 1982 Mobil Travel Guide, a woman's home guard was then organized and when the surrounded town was about to be invaded, the commander of the Union force was so affected by this female defense that he marched on without burning the town.



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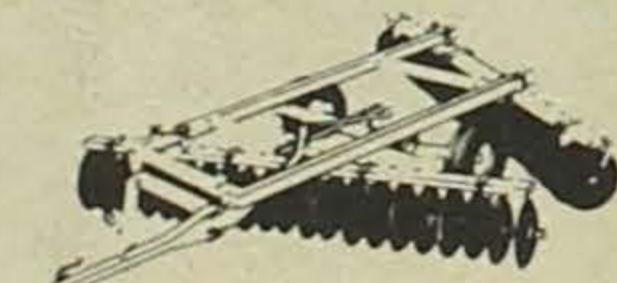
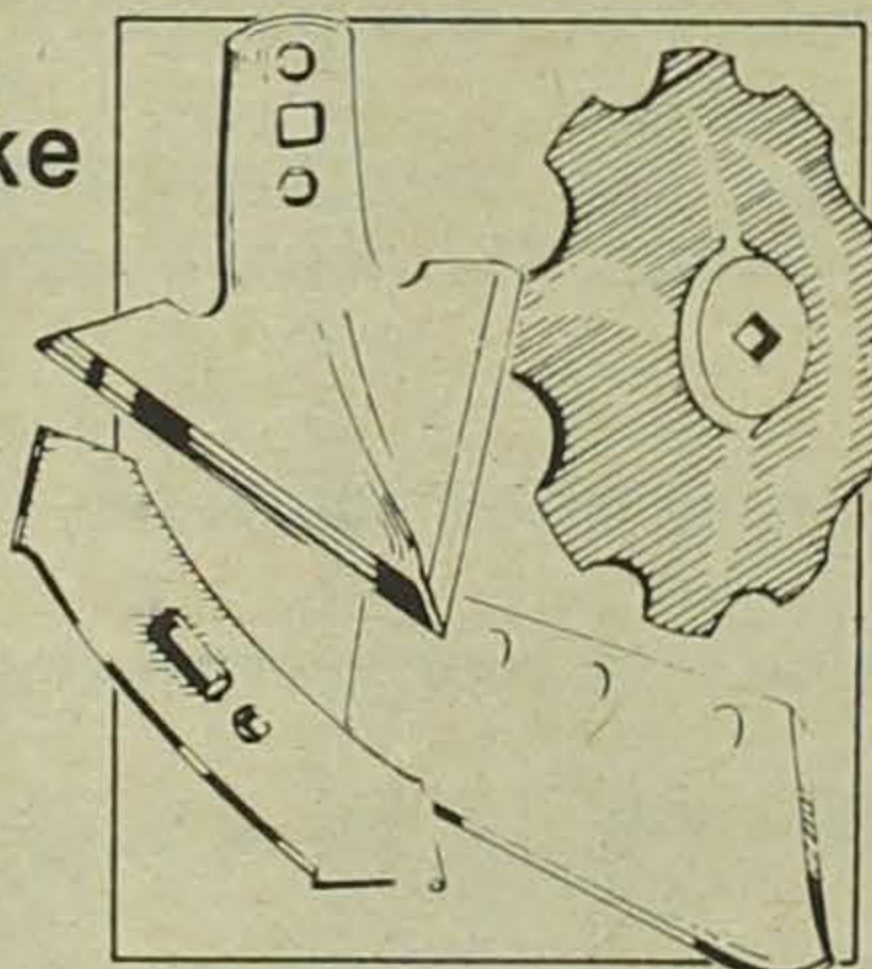
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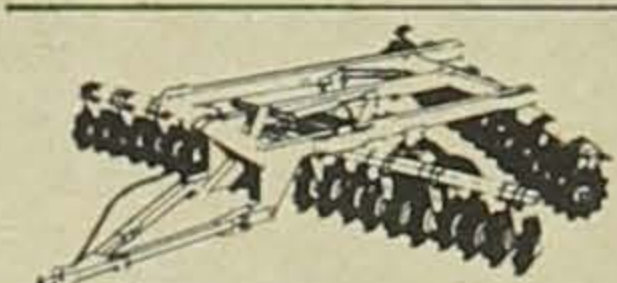
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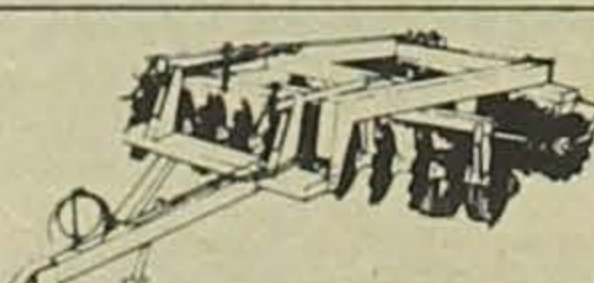
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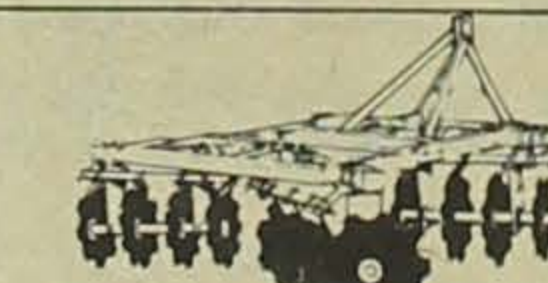
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Puffin No. 54 Makes History In Repopulating Experiment

More important than the return of the swallows to Capistrano was the return of Puffin No. 54 to Eastern Egg Rock Island — the first puffin to nest and raise her young there in over 100 years, according to Ranger Rick's Nature Magazine.

Years ago, Eastern Egg Rock Island in Maine was the spring and summer home of hundreds of puffins busy raising families. The island was soon discovered by humans, who killed the puffins, stole their eggs, plucked puffin feathers for pillows and mattresses, and took their wings to decorate hats. Some people ate puffin meat and used parts of their bodies as fishing bait.

By 1902, only one pair of puffins was left.

Thanks to the efforts of Dr. Stephen Kress and the National Audubon's "puffin project," puffins are returning to nest and raise their young on this Main island after nearly a century of absence.

Kress hopes to spread the puffin population around so that if they become endangered in one place, there will be plentiful puffins elsewhere, according to the monthly children's publication of the National Wildlife Federation.

In order to repopulate Eastern Egg Rock, Kress collected 10-day-old puffin chicks from Newfoundland and brought them to Maine. Now a surrogate father, he dug little underground burrows for the chicks and fed them raw fish twice a day, just like parent puffins do. He didn't handle the chicks any more than necessary or talk too much around them, wanting them to grow up like "wild" Puffins.

Wild puffins spent most of their lives on the open ocean. When they are ready to raise families, they return to their birth place. Kress had to "trick" his transported chicks into thinking that Eastern Egg Rock was their real home so they would return there to nest.

Ranger Rick says that one particular bird, Puffin No. 54, adapted very well to her new home. She stretched her wings, dug in her little house and came out at night to exercise while her enemies were asleep. When she was 50 days old, she left her burrow for good, swimming into the night to begin four years of growing up. While she was away, Kress moved more puffin chicks to the island in hopes that they would return to nest, as he hoped Puffin 54 would.



On July 4, 1981, his wish came true. Puffin 54 flew into sight with a beak full of fish and slipped into a crack in the rocks. She came out without the fish — a sure sign that she had a chick to feed. After almost 100 years, the first baby puffin has been born on the island. During the summer of 1982, 11 pairs of puffins were nesting on the island, according to Ranger Rick, giving Eastern Egg Rock a permanent population of puffins.

Community Tired Of 'Jack Ass Road' Jokes

KNIGHTDALE, N.C. (AP) — Community leaders say Knightdale is tired of being the butt of jokes about its Jack Ass Road.

"Let's face it, Jack Ass Road sounded fine around the turn of the century," said Wake County Commissioner John T. Massey Jr. "But it's time to have this changed, because Knightdale is wanting to be progressive."

The road was named in honor of the late mule trader Haywood Poole, who once lived and worked on the road.

"It just doesn't sound right to say that businesses, like the Knightdale Pharmacy and Poole Funeral Service, are located near the corner of U.S. Highway 64 and Jack Ass Road," Massey said.

L. Harold Poole, owner of the funeral home, said he was surprised to learn the descriptive location of his business.

"I was listening to the police scanner one day and I heard a fireman say there was a fire on Jack Ass Road near my funeral home," Poole said.

"That was a shock. Jack Ass Road is not a name that is enticing to the funeral home. In fact, when I tell people how to get here, I say turn at the red light on Rural Paved Road 2049."



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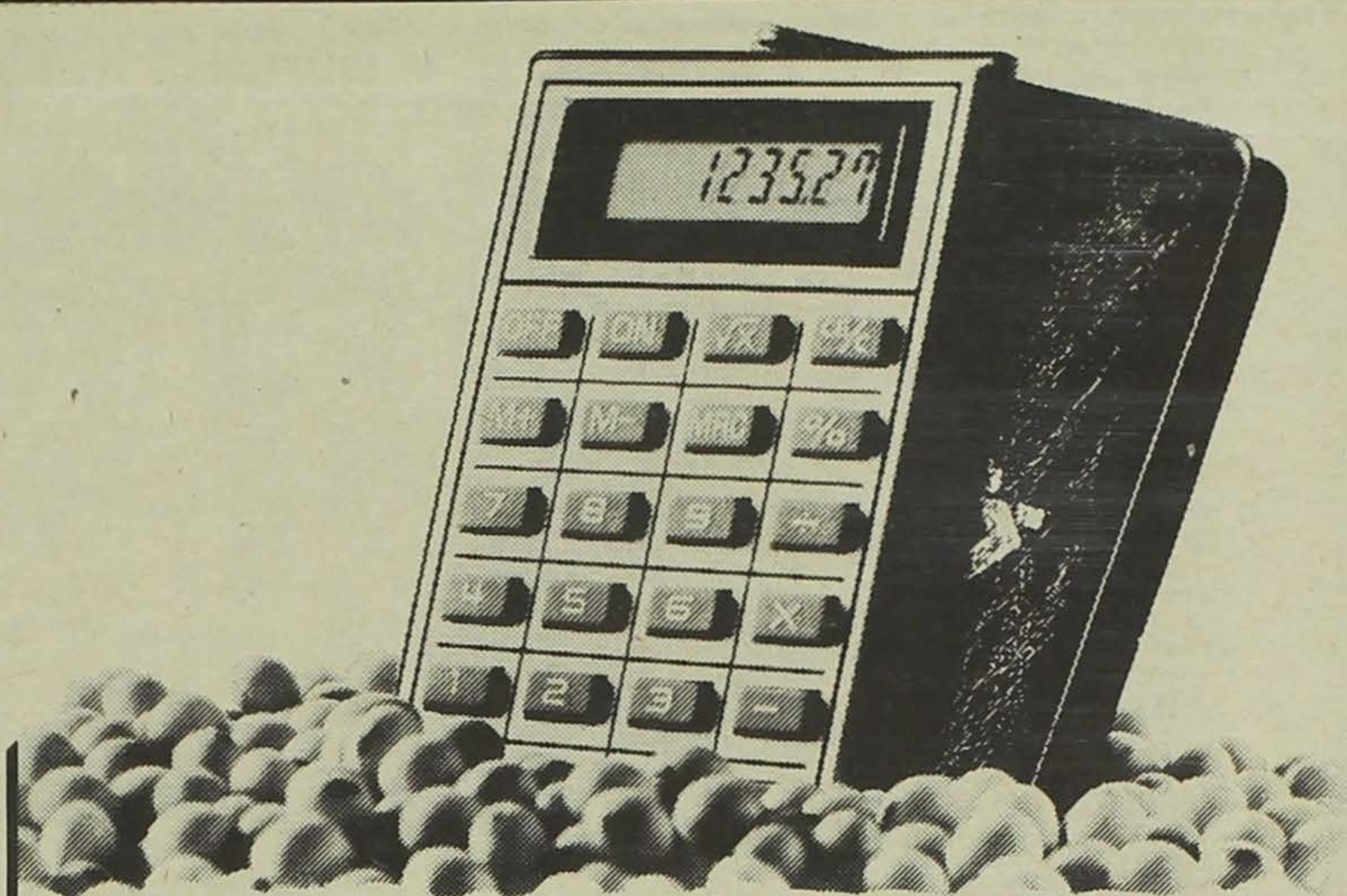
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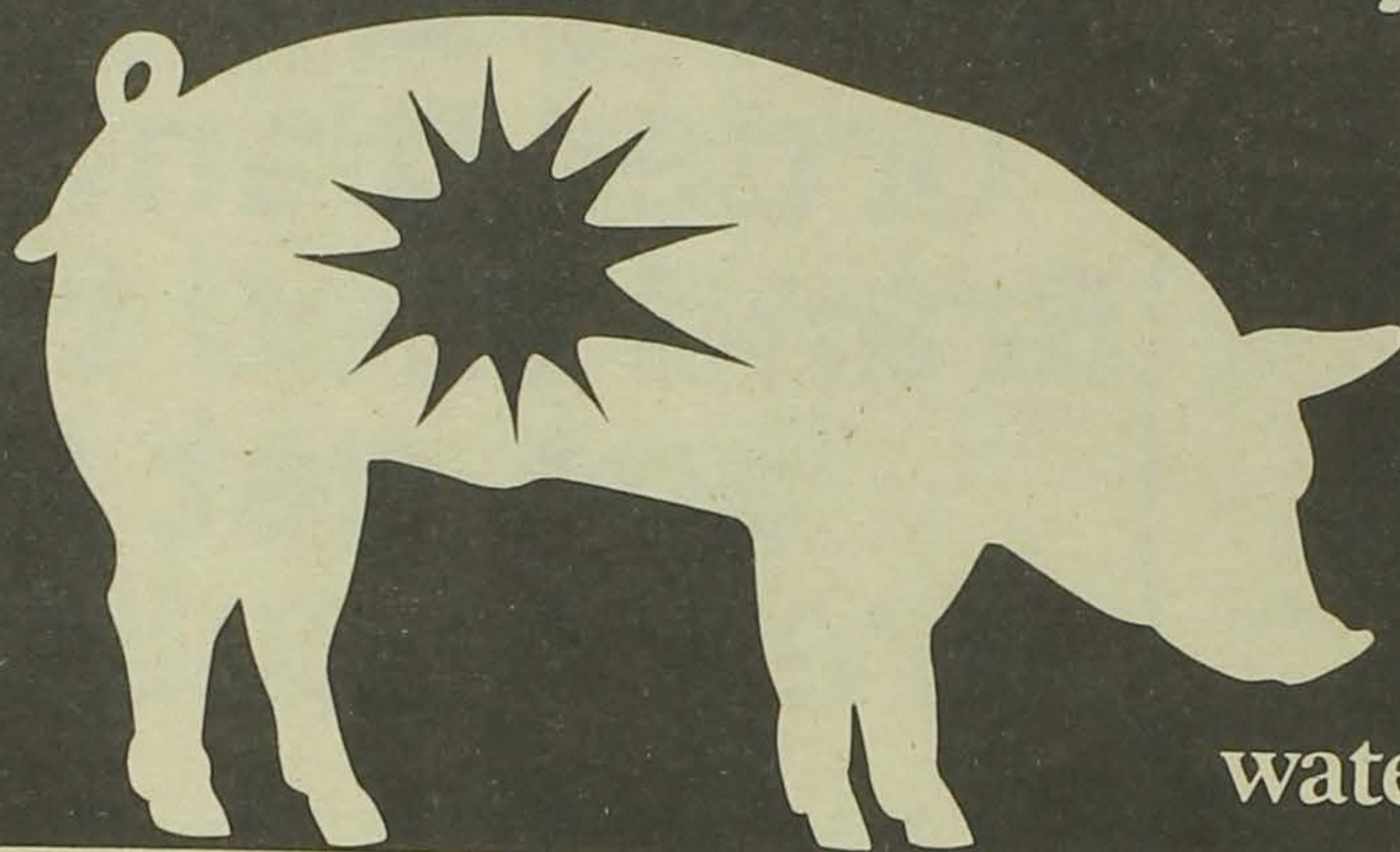
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