

1992

50TH Annual Report

CASS COUNTY SOIL & WATER CONSERVATION DISTRICT

Atlantic, Iowa

1992 Annual Report

- 1 Office
- 2 James Gulliford (Department of Soil Conservation)
- 3 Ernie Aust (Soil Conservation Service)
- 1 Senator Derryl McLaren; R. R. 1, Box 220; Farragut, IA 51639
- 1 Senator Charles Grassley, U.S. Senate, 135 Hart Senate Building
Washington, DC 20510
- 1 Senator Tom Harkin, 705 Hart Senate Building, Washington, DC 20510
- 1 Congressman James R. Lightfoot, 1609 Longworth Bldg, Washington DC
20515
- 1 Regional Director; Bernie Bolton, Rt. 2, Box 271, Oakland, IA 51560
- 1 Davis Conservation Library; P.O. Box 776; League City, TX 77573
- 17 SCDs in the following counties: Audubon, Taylor, Carroll, Adams,
Pottawattamie (2), Crawford, Adair, Guthrie, Shelby, Green,
Harrison, Mills, Monona, Montgomery, Page, Fremont

SOIL CONSERVATION DISTRICT PERSONNEL

Carolyn Wilson..... State Secretary
Gary Wolfe..... Engineering Aide II

USDA - SOIL CONSERVATION SERVICE (SCS)

Bill Willis..... District Conservationist
Tim Bottoms..... Soil Conservationist
Duane Ortgies..... Soil Conservation Technician
Alyce Lane..... WAE
Ron Petersen..... WAE (part time)
Jerry Nelsen..... WAE (part time)

EXTENSION SERVICE

Lick Hall
~~A. Daniel Merrick~~..... County Extension Director

Lick Hall, County Extension Education Director
Mary E. Ottmar, Field Specialist / 4-H Youth Development
Jill N. Eubank, Field Specialist / Families
Bruce Henderson, Office Assistant

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ICE

Director
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Waltz,
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Nelsen

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Ronald D. Wilhelm..... Assistant County Supervisor
Madonna Nisson..... County Program Technician
Julie Aupperle..... County Office Clerk
Gary W. Ludington..... District Director
Forrest D. Vermillion..... Asst. District Director
Shirley A. Winston..... District Loan Specialist
Merlyn Rees..... District Loan Specialist
Marvin Eblen..... Construction Inspector
Diane Larson..... District Loan Technician
Julie A. Hansen..... District Office Clerk
Tammy Littleton..... District Office Clerk

Assistant Commissioner and
for 20 years and Assistant Co
of the Iowa Association of
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Outstanding ISU Alumni; St

Has been a commissioner fo
from Rolfe Community High
Member of the Pork Producers
Elementary school teacher in

District Commissioner since
Goodyear Award, 1970; low
Herald Certificate of Merit, 19
Watershed Achievement Aw

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Economist
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LaVon M. Eblen..... Extension Home Economist
Mary E. Ottmar..... Ext. 4-H and Youth Leader
Bev Gunderson..... Office Assistant
Diane Allen..... Office Assistant

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE (ASCS)

Elaine Martens..... County Executive Director
OFFICE PERSONNEL: Sharon Boken, Jamie Newbury,
Diane Carspecken, Jackie Pelzer, Marcella Waltz,
Jeanine Christensen, Mona Ballinger, Sharon Crane
FIELD MEN..... Forrest Winston & Elimar Sudmann
ASCS COUNTY COMMITTEE..... Folmer Nelsen
Lawrence Wohlenhaus & Roger Euken

FARMERS HOME

ADMINISTRATION (FmHA)

Diane Brus
Alan Seehusen..... County Supervisor
~~Ronald D. Wilhelm~~..... Assistant County Supervisor
Madonna Nisson..... County Program Technician
Julie Aupperle..... County Office Clerk
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The Atlantic FARM MONTHLY

VOL. 32-No. 5

MARCH, 1993



Wind Break

Trees and bushes make an effective, eye-pleasing way to stop the wind. Not only does a wind break stop the wind, it attracts wildlife which would otherwise avoid an empty yard and stops blowing snow. (N-T photo by Tom Chaplin)

*Watershed
Advocate
Retire's
from Board.
Page 11*

*REAP
Alliance Seeks
Extension
From
Legislature.
Page 17*

*Zellmer
Becomes
New Soil
Conservation
Commissioner.
Page 10*

Atlantic Farm Monthly Poet's Corner

A contributed collection of poetry

The Wright Reunion

This past Labor Day weekend is one I, and my family will never forget.

And the Blue Family of Marceline, Mo., won't either, on this you can bet.

Now we decided to go to the Wright reunion in Missouri this year.

My first husband's family, their friendship, I still hold so dear.

Now some of the family I don't know, but some, I've met a time or two;

Recognize them, this I was sure I could do.

Well folks, we took off and we got there with time to spare;

A potluck dinner with them, we wanted to share.

Salads and some desserts we decided to take;

My daughter made a salad, too, and a cake she did bake;

Well, now folks, I had received a letter telling me where in Marceline, it would be;

But wouldn't you know - forgetful I am - so it was left at home by me.

We drove all over that town looking for a familiar face or some cars with an Iowa plate;

Thinking, if we didn't find the place soon, for the dinner we'd be late.

We saw some children in the park at play;

Ask them we did if the Wright reunion was across the street, and yes they all did say:

Glad we all were - that finally we'd found the right place;

Now all I had to do, was to remember to put the right name with the right face:

Well folks, enter the hall we did, as if there we did belong, or so we thought;

Carrying all the food that from home we had brought.

We signed the register, and put some money in the kitty too!

This for the rent of the hall - everyone was willing to do.

I looked around at all of those people and they eye-balled my family and me;

But not a familiar face amongst them, did I see.

I asked one of the older ladies, what Wright girl she belonged to;

And she informed me, that her name was Blue.

After talking with her for a few minutes, it began to dawn on me —

We were at the wrong reunion and at the wrong place;

No wonder, I didn't see a familiar face.

Apologize to her and the others — so embarrassed we were — but to us they were so kind;

Call around and helped us they did — and our reunion for us they did find.

We finally arrived at our family reunion, though we ended up being a little late;

They had already started to eat by the time we got there - but that was alright, we just filled our plates and sat down and ate.

Always have wondered, what it would be like to do;

To show up at a wedding or family get together, where no invitation, had been sent to you:

Now this is why this past year's Labor Day weekend, is one we will never forget;

Laugh about it we all still do and no doubt the Blue family too, is laughing yet.

Shirley Buffon of Elliott

On Growing Older

One thing I have learned
While growing old is
That I have something far
Greater than gold is.

It is a smile to give away,
And so I practice every day
To be a gracious loving host
With smile for those who need
them most.

Although my knees can't manage
miles,
My loving heart can manage
smiles.

Marjorie McVicker
Sutcliffe, Audubon

Shirley's Relaxation

I've written lots of poetry or rhymes, whatever they might be;
It's a form of relaxation for nervous me.

There's poems for my family, and for friends, and there's more than just a few;

Information for them all is what I had or get it, I would do.

There's silly ones, happy ones, sad ones and some of memories of the years gone by;

Get them out of the drawer I do - once in a while - read them I will, then have a good cry.

Memories of my childhood, those growing up years;

The happy times and the sad times, when I shed lots of tears.

Thought of my feelings towards certain topics and or family — I'd write them all down;

Some times I'd laugh about those thoughts, but yet, sometimes on my face there'd be a frown.

I've written about the newspaper and what in it I have read;

Also about the tube - you know the TV — and what some of those pompous politicians have said.

Some about the little irritations of our everyday life;

And even one or two about being an ever loving wife.

One of a reunion that we attended, where we weren't supposed to be;

A Wright reunion we were supposed to be at, but the wrong one we showed up at, you see.

We're still laughing about that trip and my rhyme;

Fun I had writing that one — didn't mind at all — for that one taking the time.

For each one of my grandchildren and my great-grandchild — telling them of my love, for them all;

They know too, if they ever need me - all they have to do is call.

I wrote one for my granddaughter Jodi, when to the International Special Olympics, she was chosen to go;

The still another one, when two gold medals she won to bring back to friends and family to show.

Now what kind of rhyme is this?, your guess is as good as mine;

Anyway folks — Relaxed I was on the weekend, so what the heck - for this I took the time.

Shirley Buffon of Elliott

I Dreamed That I Went To Heaven

I dreamed that I went to Heaven
And I left all my cares behind
And there my life seemed so easy.

I was so happy there to find
No big words like high cholesterol,
No clogged up veins or arteries,
And no one said "You're overweight."

No need to count my calories,
And my heart beat so perfectly
And all my diseases were gone.
I could eat what ever I liked,
Beginning with the early dawn.

Of course, I took no medicine
And my life was really quite free
To enjoy the beauties of Heaven
That the Lord has prepared for me.

There were no bills or taxes,
No hard labor for me to do.
No storms, floods, or snow
drifts to scoop.
And everyone was friendly, too.

I met all my friends and loved ones.
They were flitting around so neat
Doing things they wanted to do,
And life there was really complete.

But about this time I woke up.
I found it was only a dream,
So back to taking medicines
And paddling down life's weary stream.

Margaret Plagman, Audubon.

ATLANTIC FARM MONTHLY

The Sea And Me

The sea, I hear, it calls to me,
The waves, they beckon,
The waters, they cry.

They say to me what I know is true,
and yet I'm not sure what to do.
For it is not in my power,
not mine alone.

So now I ask the rest of you,
to listen to what the sea
is telling you.

The Sea

Man's harpoons are flying,
My whales, I fear, are dying.
They call to me,
and I ask of you, do you see,
can you see, what you are doing
to me.

The beer cans are thrown,
my fish, they moan,
only the next day to float,
lifeless upon my
white-tipped waves.

My dolphins soar,
Your motors roar.
My dolphins die,
Your boats live on.

The oil is split,
my otters wilt.
My birds they cried,
Their wings are tied,
with six-pack holders,
you threw aside.

Now you've heard me,
do you care?
You still live,
what about my birds
and otters?

Jennifer Larsen, 13, Atlantic

Guaranteed Interest Rates!

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Atlantic Farm Monthly Poet's Corner

A contributed collection of poetry

The Blind Shall See His Beauty

I saw a beautiful work of art,
Mother Nature was the artist-
true.
She had created a splendid scene
And I wish I could share it with
you.

The colors were blended so
nicely
With delicate yellow, orange and
brown,
With lots of red and green all
mixed in.
She painted things all over town.

All the bright blue skies of Oc-
tober,
Helped to brighten up the pic-
ture, too.
All in all, I was deeply amazed
With all her beauty through and
through.

I think of all the sightless folks
Who cannot enjoy their scene
with me,
Who live in darkness day after
day.
Oh, dear, how terrible that would
be.

But God will restore their sight
some day
When He lovingly calls them
home to rest.
He will open their eyes in
Heaven
Where His great beauty will be
the best.
Margaret Plagman, Audubon.

What A Waste

Stately old buildings crushed into
rubble,
With beams of golden oak and
pine,
Burnished woods with handsome

graining
Left to the bonfire for the saving
of time!
All the days of manual labor
Culminating in an edifice, grand,
Trashed in moments to clear a
fieldsite;
Out with the old, and on with the
plan!

How many memories of
childhood and schooldays;
How many children have come
and grown?

New generations with heartless
abandon,
Trample the former with no
thought to atone!

Respect for the aged, wise with
experience,
Tossed on the heap with the
works of their hands.

By the time youth discovers what
was lost in the stampede,
Those things became priceless,
antique, in demand!

The race to gain power in the
world consumes us
Long past the time when our
brains should have known;

All of our strivings are as sand in
the hourglass;
Our works, an old nest, when the
fledglings have flown!
Patricia Nikolaisen, Fontanelle

Bundle Of Joy

The waiting will soon be over —
your future will be clear;
Caring for your little baby, the
days you'll hold so dear:

Maybe a son to carry on his
daddy's name;

Who knows, he some day could,
reach presidential fame;

Or, perhaps for mom, a beautiful
little girl;

To dress up real cute, and her hair
she can curl:

The extra time your baby might

take, is so worthwhile;

When look up from their crib at
you they will, and give you a
smile:

No doubt your days and nights
will be different, you both may lose
some sleep;

From getting up to feed your
baby, then back to bed you'll creep:
Then just when you've settled
back in your bed, and hear a sigh;

Oops again! there's a whimper,
and then that little cry;

Diapers wet now, oh poor little
baby;

Quick change, then back to bed,
and to sleep - well - maybe:

Morning will come before you
know it, time for bathing and such;

Oh, so soft and cuddly they are,
to a parent's touch:

Their babyhood days are the best
of all;

When to run to them you will,
when you hear their beck and call:

Treasure these days, for not long
enough, they last;

Before you know it, their
babyhood has past:

Take lots of pictures, this you no
doubt will;

More than one album, I'm sure
you'll fill:

Date the pictures and who they
were taken with, then have no fear;

You'll have a record of the change
of your baby, year after year.

Your baby is a gift from God, for
the two of you to share;

So always remember to treat your
baby, with tender, loving care.

Shirley Buffon of Elliott

There are no small
victories in the fight
against heart disease.

American Heart
Association



I Get Disgusted Sometimes

Sometimes I get disgusted
And it really makes me "mad"
When I answer a phone call,
They slam the receiver-bad.

I must control my anger.

It is hard-my manners to keep
When they call me at nap time
And awake me from my sleep.

They do not say "I'm sorry
For the mistake I've made."

It really makes me angry,
But I guess they are afraid.

It would only take a moment

And I would forgive them, too,
If they would say "I'm sorry,
I dialed wrong and got you."

Margaret Plagman, Audubon.

Reading To Babies

All babies love to be held
And if picture books
Share their mother's chair,
Little brains will keep growing
While she cuddles them there.

Marjorie McVicker
Sutcliffe, Audubon

The Look Of Love

I saw it in your great-grandpar-
ents' eyes

At ninety, as they sat and still
held hands

And when your grandpa slipped
my wedding band

Upon my finger, it shone in our
eyes.

Then when your daddy, gentle,
tall and shy,

Came to us, asking for your
mother's hand,

We saw it glowing in their faces,
and

Today again I see love's look is
nigh.

Not just a passing glance, but
deep and true

You gaze into her eyes, the age
old shine—

And she looks back with trusting
eyes to you

That say, "Yes, I am yours and
you are mine."

This heritage of love we pass to
you

That promises "Until the end of
time."

Pauline Martens, Lyman

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150 ACRES, M/L: Bareland located 4 miles south of Atlantic.
Mostly rolling, small cropland. \$1086 per
acre, cash. **SOLD**

442 ACRES, M/L: Mostly terraced cropland located 6 miles
southwest of Grant in Montgomery County.
Some CRP. Grain storage. Long-term 7%
interest contract offered. \$890 per acre.

129 ACRES, M/L: Bareland located 5 1/2 miles southeast of Grant
in Adams County. 74 acres cropland, balance
pasture. \$625 per acre, cash.

115 ACRES, M/L: Unimproved cropland located 5 miles southwest
of Elk Horn. 90% tillable. Full corn base. \$1100
per acre, cash. **SOLD**

140 ACRES, M/L: Located 5 1/2 miles N.W. of Marne. Newer earth
home, grain storage, completely terraced. Close
I-80 access. \$1250 per acre.

160 ACRES, M/L: Located 3 miles S.W. of Brayton in Audubon
County. Bareland, partially terraced. 91% tillable.
Strong corn base. \$1175 per acre.

218 ACRES, M/L: Located 1 mile east of Wiota. 152.5 acres,
mostly bottom cropland. Unimproved \$850 per
acre, cash.

251 ACRES, M/L: Located on the edge of Atlantic. All level
bottom cropland. **SOLD**

In the past month of January, we've seen a flurry of land sales with many of them auctions. I felt
that almost all sales have been quite strong. Location and scarcity of land offered to the market in
those particular localities contributed to the strength of demand.

I continue to receive frequent requests for small, improved farms for beginning operators. I read
a recent article about a new FmHA program for beginning farmers, which could help this type of
purchaser.

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—Glen R. Smith, Owner

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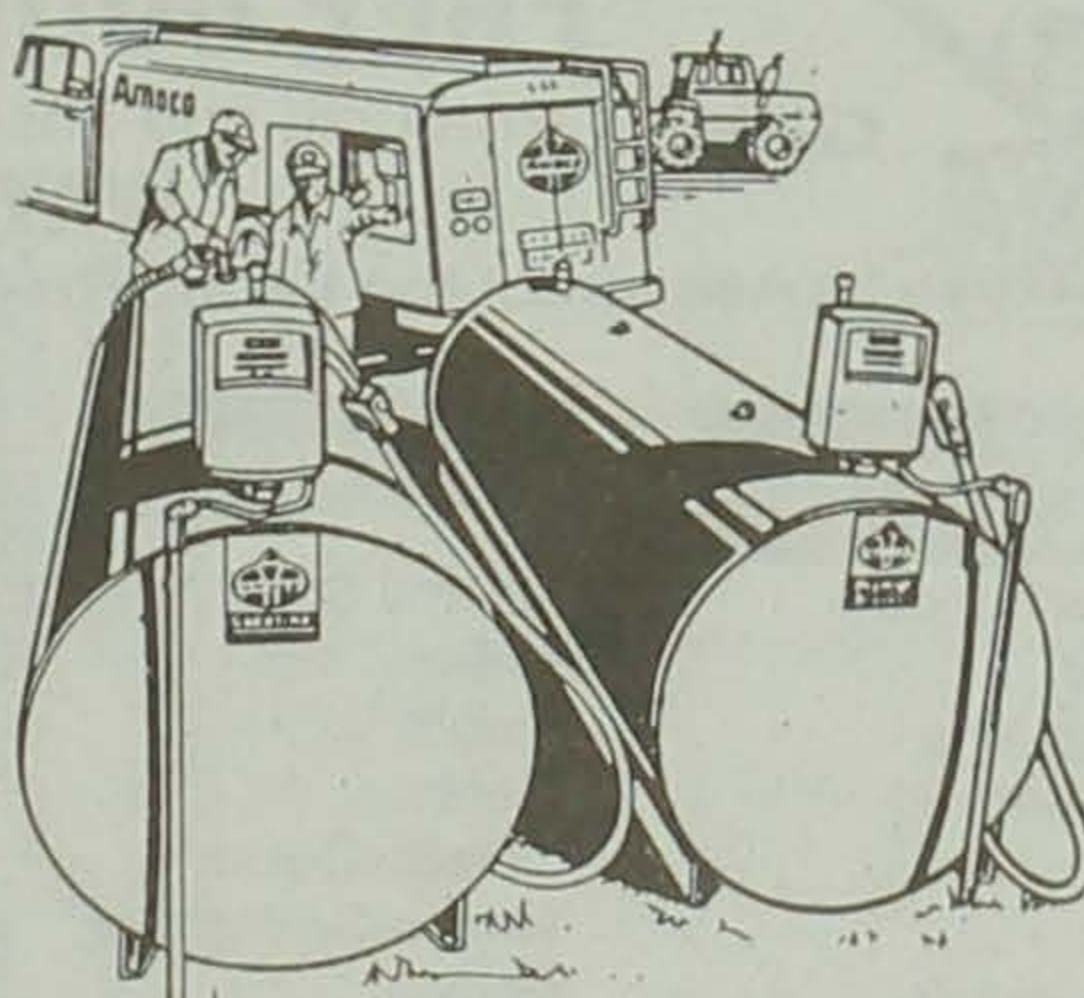
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Atlantic Farm Monthly Poet's Corner

A contributed collection of poetry

Tell Them For Me
If anyone wants to write a verse
About a slug or a snail--
The only word I find to rhyme
Is a four-lettered one called tail.

Then they would never want
them dead.

Marjorie McVicker
Sutcliffe, Audubon

And if they want to eradicate
A large crop of slugs and snails,
Perhaps, they should sneak up
With a salt shaker
And sprinkle both their heads and
tails.

But if they have some ladybug
And nice caterpillars instead
Which might turn into
butterflies,

Winter
Snow, over here.
And snow over there.
It gets in your hair,
When you go out there.
It's here.

It's there.
It's everywhere.
Mark Abdallah, Atlantic fifth
grader.

Walnut Farmer Reports On Need To Change Tactics

Larry Kay of Walnut recently gave a program at the Iowa Soybean Association Residue Management Conference.

The conference theme was "Planning for More Profit" and it was sponsored by the Iowa Soybean Promotion Board and various agricultural companies.

Kay's advice to growers regarding residue management and compliance was that they must be willing to change."

"I was quite reluctant to do no-till," he said. "I believed it wouldn't work. But whether we like it or not, the world won't stop, and to keep up with today's agriculture, we must be willing to explore different production systems. Once I made some changes, I realized some great benefits."

Kay now uses zone tillage at planting. The system allows him to maintain high crop residue, but still till the soil where the seed will be planted.

An eight-inch band of soil is worked just in front of the planter unit. The soil warms quickly, and the seeds emerge faster and with better health than without tillage.

In addition to zone tillage, Kay maintains top production with early preplant applications of Bicep and at planting fertilizer applications.

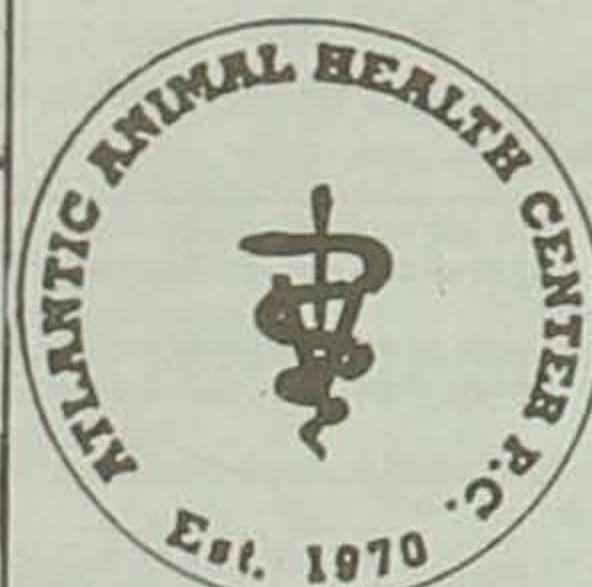
He explained that the ability to adapt is what every grower needs to succeed. And a willingness to test different production programs is one of the first steps to that advancement.

More than 500 growers attended the conference at Iowa State University.

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COW CARE COMMENTARY

March



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- ☐ Set aside clean, dry calving areas. Check the herd 3 or more times per day and call for assistance with cows who show no progress toward calving after one hour of hard labor. Give first-calf heifers extra attention. Don't leave cows and calves in tight quarters for more than one or two days.
- ☐ Watch for scouring calves and treat immediately.
- ☐ In cold weather, be prepared to provide supplemental heat for chilled, weak calves.

Tiny Glowworm Tells Scientist How Polluted The Water Is

ATLANTA (AP) — A scientist watches a tiny animal's glitter fade when its water is contaminated. He hopes that he's found a quicker and cheaper way to measure pollution.

"If a test is simple and inexpensive, like testing water with these rotifers is, then you can do more tests," said Terry Snell, a biology professor at Georgia Tech. "The more tests you do, the more you know about toxicity in the water, and we do need to know more."

Rotifers are microscopic aquatic organisms whose bodily functions slow down when they're exposed to toxic substances. Snell turns them into a type of aquatic glowworm by feeding them fluorescent beads. Then he watches their systems slow — as the glow fades — when they find toxics in their water.

He says his method is up to five days faster and several dozen times cheaper than the one the Environmental Protection Agency uses.

He's trying to make it even faster by breeding rotifers with the fluorescent gene of a firefly so he can skip feeding the organisms.

"It's got to be faster, cheaper, but just as reliable," Snell said.

His experiments show promise, particularly if he can breed the rotifer to glow, said Don Versteeg, a research scientist for Procter & Gamble Co. in Cincinnati.

Other scientists have measured toxicity with fluorescent bacteria, but using a rotifer "is much more ecologically relevant," Versteeg said. "It would be a major advance because instead of looking at

bacteria, you'd look at an animal."

"We need cheaper ways to determine toxicity," said James H. Finger, director of Southeast environmental services for the EPA. "Anybody that's got a method, we will look at it."

The EPA measures toxicity by

tracking the reproductive rate and mortality of other tiny water animals, such as the cladocera, a microscopic crustacean.

But these tests cost \$1,000 to \$1,500 each, mostly because it takes about seven days to observe them reproducing and dying.

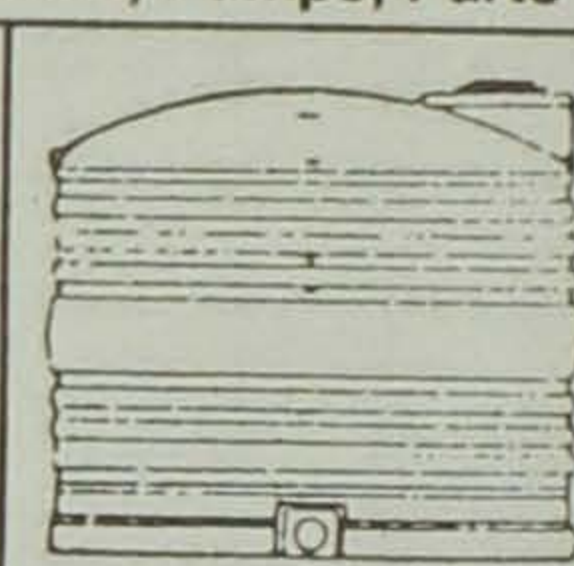
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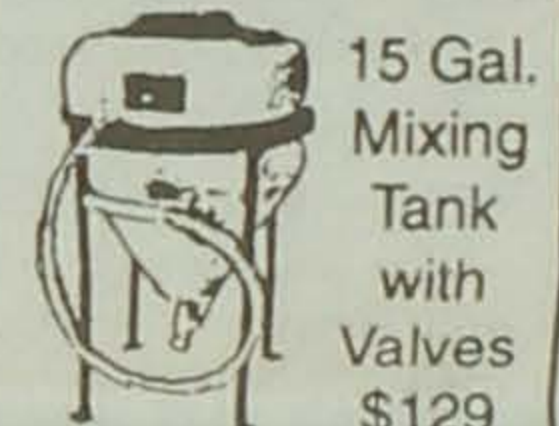


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Census Goes To Every Farm

DES MOINES, Iowa (AP) — Uncle Sam wants to know a lot from farmers.

The United States Census of Agriculture goes to every farm and ranch in the country every five years.

Farmers face questions on the value of each crop sold in the past year, the number of animals on hand as of Dec. 31, 1992, and the value of those sold in the previous 12 months. One in four farmers also is asked about production expenses from livestock feed to interest on debts.

New in the census returns now being collected is section on injuries and deaths connected with farm and ranch work. Reinstated after an absence in the 1987 survey is a section on hired hands.

Here is just one section:

Section 10. How were the ACRES in this place USED in 1992?

1. Copy acres in 'THIS PLACE' from section 1, item 4, page 1.

Note — for items 2 to 5 below, if land was used for more than one purpose in 1992, report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured only as 'Cropland harvested.'

2. CROPLAND

a. Cropland harvested — include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.

b. Cropland used only for pasture or grazing — include rotation pasture and grazing land that could have been used for crops without additional improvement.

c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT Pastured.

d. Cropland on which all crops failed (Exception: DO NOT report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.).

e. Cropland in cultivated summer fallow.

f. Cropland idle.

3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.

a. Woodland pastured.

b. Woodland not pastured.

4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pastured.

5. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 above.

6. TOTAL ACRES — Add the acres reported in items 2 through 5. (Should be the same as item 1 above.).

Clinton Farmer Found Innocent In Big Fish Story

SABULA, Iowa (AP) — David Dohm admits he's the one that let the big one get away, but he meant no offense.

A Sabula magistrate's jury agreed with him after a one-day trial Monday, finding the 33-year-old rural Clinton farmer innocent of charges connected with the town's big fish story.

"I didn't do anything on purpose to offend the people of Sabula. All I did was let the fish live. If there's a moral to that, I don't know what it is," he said.

Dohm was accused of stealing a 56-pound catfish that had been on display in the municipal fountain

last August. In doing so, he was accused of breaking lights in the fountain, causing \$700 in damage.

"I don't know what the fines would have been, but they were looking for \$700 to fix the lights. They wanted to charge me for that and for stealing the fish," he said.

He said he merely "liberated" the fish and might have paid the fine for minor theft to avoid a court fight. But he got his back up when the city pursued criminal mischief charges, too. He said he never actually entered the fountain except for dipping his arms under the fish and hoisting the beast away.

The fish got there in the first

place when Sabula City Councilman Rodney Strube caught it in the Mississippi River. Strube

sold it to a local fish processor, which in turn sold it to the city for \$40 as a tourist attraction.

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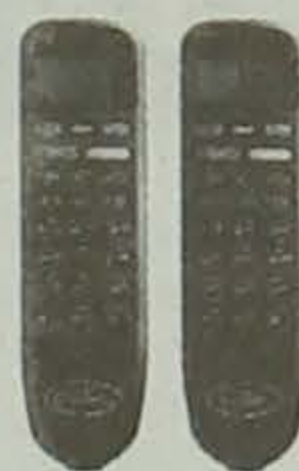
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Bus Tour Adventure

(Editor's Note — Another in a series of stories about trips taken by Mr. and Mrs. Chester Larson of Griswold)

Northwest, British Columbia, Expo '74

Up at 4:30 a.m. on July 13 we made final preparations to begin our 16-day bus trip to Northwest United States, British Columbia and Expo '74. We drove our car to the bus station with our luggage and parked it for John Leinbaugh to pick up later in the day. It was just 6:06 a.m. when all Moberly passengers were loaded and we pulled out to pick up more along the road.

Stops were made at Huntsville, Salisbury, Keytesville, Marceline, Brookfield and last of all Chilli-cothe where we completed our load with 40 passengers, Alberta Bowen (our tour guide) and Paul Basnett (the bus driver).

How grateful we were for an air conditioned bus as the temperature inched up from 78 degrees to 103 degrees before the day was over! We traveled in perfect comfort across northern Missouri following Route 36 to Norton, Kan., for the first night's stop — a total of 448 miles.

Sunday, July 14. Up at 6:30 - a beautiful warm 70 degree morning. We enjoyed the continental breakfast of orange juice, hot rolls and coffee "on the house," ready to depart at 8:20 a.m. By 10:15 we entered Colorado, where we turned our clocks back one hour. This gave us an extra hour of travel time before noon.

As we traveled across western Kansas and eastern Colorado we noted the very dry conditions. Most of the wheat had been harvested. In one place six big combines were moving down the road to another area yet to be harvested. It was just noon when we arrived at Holiday Inn in Denver for dinner - what a feast we were served. Enough to last the rest of the day.

After dinner we drove to the Museum of Natural History and spent two hours touring all the exhibits, very interesting and educational. At 4:45 we arrived at the Spa Motel, where we were to spend the second night of our tour.

Believe it or not it was just a cool 80 degrees in Mile High Denver!

We took the opportunity to telephone relatives in Denver - had a nice visit with my cousins, Dora Adamson and Marjorie Talley. Then Marjorie, David Havens and wife and Marg's boy friend visited us at the motel for an hour in the evening.

Monday, July 15. We began the beautiful day with a cool 59 degrees and partly cloudy. Breakfasted at the Spa Restaurant before boarding the bus at 8 o'clock. We traveled west on Interstate 70 to No. 40 through the beautiful Rockies. By 10 a.m. we had reached Berthoud Pass 11,300 feet high where we stopped for sightseeing and pictures. We were told Colorado is noted for some 52 peaks which are over 14,000 feet high. Our tour continued on through the rugged moun-

tains, across Rabbit Ears Pass (9,880 feet high) to Steamboat Springs, where we stopped at 12:45 p.m. for lunch at Holiday Inn.

As our trip continued, the mountains became smaller until they tapered to the wild northwest of Colorado with no trees, no ranches, no fences, no farming - nothing but sage brush, low hills, sand and a few trails back to nowhere into the low mountains in the distance. We rightfully named this the "Badlands of Colorado."

At 5:15 we entered Utah and arrived at 5:50 in Vernal, Utah, at Weston's Red Cloud Motel for the night. This is known as "Dinosaur" country, where many have been found and placed in museums. Just before arriving at Vernal we drove into a heavy shower and later noted it was then 78 degrees. It had been another beautiful day of sight seeing in the rugged mountains of colorful Colorado.

Tuesday, July 16. We were up at 5:45 a.m. to make preparations for a full day of sightseeing and travel. It was a beautiful partly cloudy day of 69 degrees. Alberta reported we had already traveled 1,019 miles the first three days. We departed from

Vernal, Utah, and headed westward toward Salt Lake City, traveling through the Unitah Forest and Wasatch Mountain area. We noted a rest area named Whiskey Springs and motels \$5.99 and up.

We stopped at 11 a.m. at Denny's "One in 400" for lunch in Salt Lake City before taking a side trip to the Great Salt Lake and on to the Bingham Copper Mine - the world's largest open copper pit. This was an enormous mining project. We were told that only 14 pounds of copper is separated from one ton of ore.

We were hampered somewhat in getting the best pictures as it began raining when we reached the mine. After an hour at the mine, we traveled back to Salt Lake City to visit the beautiful state capitol building, with many gardens of beautiful flowers. The huge marble rotunda with its huge marble columns were especially impressive as was the gold reception room of rare woodwork, carpeting and beautiful crystal chandeliers.

Our bus drove past the Mormon Temple Square to the Salt Palace Travelodge. We settled in our room before taking a walking tour of

Temple Square, where we took a guided 1-1/2-hour tour of the grounds, through the tabernacle and visitors center, giving us a history of Mormonism.

The tabernacle was constructed 108 years ago to seat 8,000 people. Acoustics were so perfect that a mere whisper could be heard any place in the huge auditorium. Probably the greatest interest there was the huge pipe organ - we were privileged to hear a recording of the 300-voice Mormon Temple Choir which sounded as if it were life. We returned to the lodge and ate supper at nearby Sambos. Another interesting day had ended. We had traveled 234 miles.

Wednesday - July 17. It was a beautiful partly cloudy day when we arose at 6:15 to breakfast at Sambos, ready to depart at 7:50 a.m. We traveled north from Salt Lake City through the fertile valley with

Continued On Page 19.

Earth Team Helps Conserve Resources

By Tim Bottoms
Soil Conservation Service

The Earth Team is a group of concerned citizens, like you, who are interested in learning more about our nation's soil and water resources and how to help conserve them.

This nationwide volunteer service group is sponsored by the USDA Soil Conservation Service and local Conservation Districts with more than 3,000 locations across the country.

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For more information on becoming a volunteer contact your nearest Soil Conservation Service Office.

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Tip of the Hat to 4-H CLUB MEMBERS

Kevin Jipsen, son of Dennis and Marilyn Jipsen of Lewis, is the 4-H Leader of the Month for February.

Jipsen, 17, has been in 4-H for nine years and is a member of the Cass Coed Clan 4-H Club.

His projects include swine, woodworking and crops. He has been active in club work, holding the offices of president, vice-president, secretary, treasurer, parliamentarian and recreation.

He also participated in adopt-a-highway, local poppy sale and Lewis celebration programs.

On the county level, Jipsen has taken part in the safety guardian program and is a member of the Youth Council.

The highlight of being in 4-H which he remembers the most was receiving purple ribbons for corn and soybean entries last year.

Jipsen likes being a Junior Leader because he has "learned so much from my leaders and past 4-Hers and I enjoy passing that knowledge to the younger 4-Hers in my club and community."



Kevin Jipsen

Jipsen adds he is "proud to be a 4-H'er. I feel that 4-H helped me to be more responsible. I feel the knowledge and experience I have gained through 4-H will help me in the future."

He plans to farm after graduation from high school. He has two sisters, Kim and Dawn Jipsen.

Nighttime Workers Seldom Adjust To Sleep Change

According to a study that was reported in a recent issue of the journal Sleep, most of the 6.8 million people who work the night shift never adapt to their topsy-turvy sleep schedule.

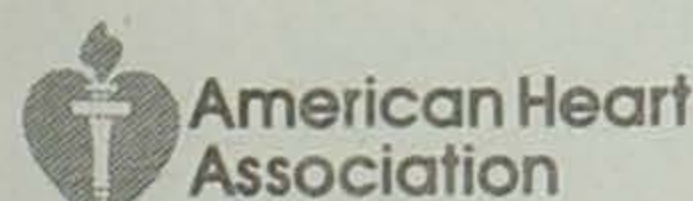
In fact, three-fourths of night shift workers are tired every night and at least one-fifth fall asleep on the job.

Researcher Anne Jenkins Hilliker and her colleagues at the Deaconess Hospital Sleep Disorders and Research Center in St. Louis, Mo., found that whether or not you are a morning person affects sleepiness on the night shift.

They found that morning types have a more difficult time getting sleep during the day and are therefore sleepier than non-morning types for much of a typical night shift.

OBSERVE THE WARNING SIGNS.

If you have chest pain lasting two minutes or more, see a doctor.



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Iowa Forestry Inventory Increases

Iowa's forest land increased from 1.6 million acres in 1974 to 2.1 million acres in 1990, according to the latest forest inventory by the USDA Forest Service's, North Central Forest Experiment Station in St. Paul, Minn.

According to Earl Leatherberry, one of the author's of the forest inventory report, this increase in forest land, most of which occurred in eastern Iowa where 85 percent of the forest land is located, reversed a steady and prolonged decline in forest area.

The reason for the increase is due to a shift from pasturing cattle in partly wooded areas to feeding them in feedlots, and to an increasing trend in reforesting highly erodible farm land and along streams and rivers. Many wooded pastures have reverted back to forest land.

Oak forests cover almost half of Iowa's timberland (land that can produce crops of industrial wood) and more than a third of timberlands are covered by the white oak, red oak and hickory type.

The forest type that showed the largest increase, however, was the maple-basswood type.

The volume of wood in trees at least 5 inches in diameter on timberland also increased from 1.1 billion to 1.7 billion cubic feet between the 1974 and 1990 inventories.

The volume of wood that could be made into lumber increased by 53 percent from 3.8 billion board feet to 5.8 billion board feet.

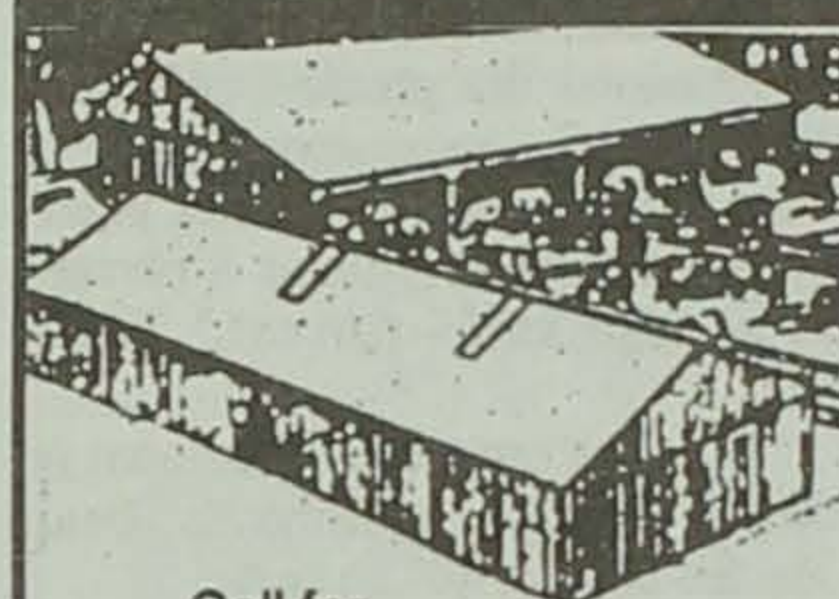
Non-industrial private owners hold 92 percent of Iowa's timberland; 57 percent of this land is held

by owners with less than 50 acres.

Copies of the inventory report "An Analysis of Iowa's Forest Resources, 1990," may be obtained by contacting the North Central Station's Distribution Center, 1992 Folwell Avenue, St. Paul, MN 55108.

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SCS Conducts Checks To Determine Conservation Plan Compliance

The Soil Conservation Service (SCS) office in Atlantic conducted 125 spot checks in 1992 to determine if conservation plans were being followed.

The two most troublesome problems found for landowners to accurately apply on the land were contouring and residue amounts left after planting.

"It is important to remember that SCS and the District are critically involved in preparing conservation plans and assisting landowners to install these plans on their farms,"

SCS District Officer Bill Willis said.

"Spot checking is another function we must do and some important things can be learned from these inspections to head off future problems," he said.

"We must spend more time actually staking contour lines before planting begins, and not guess at it. If the conservation plan specifies that planting is done on the contour, some preliminary work is

necessary before the planter ever starts across the field with a hand level or a contour gauge," he said.

"Unfortunately, this will fall on the owner or operator to do since SCS or District employees are too few in number to provide these services on a timely basis," he said.

Many, if not all, of the conservation plans prepared to stay eligible for USDA Farm Program benefits require that specific amounts of crop residue be left on the soil surface after the planting process is complete.

These amounts range from as little as 20 percent to as high as 70 percent of the soil surface covered by crop residue.

"Soybean fields planted to corn in 1992 posed the greatest problems last year. We measured residue of bean stubble remaining after planting corn from as little as 8 percent to as high as 56 percent," Willis said.

"It points out that any amount of heavy tillage eliminates bean residue in a hurry," he said.

The exceptional yields of corn in 1992 will provide heavy amounts of residue to work with in 1993.

"It should be fairly easy to leave 50 to 60 percent of the soil surface covered with corn stalk residue after planting the 1993 crop," he said.

"The real challenge may be for our equipment to handle the unusually high amount of residue in stalk fields this spring.

"The soybean fields will still be a challenge to maintain the residue levels the plans require when as little as one pass with a disc or field cultivator will virtually eliminate soybean residues," Willis said.

Owners and operators are encouraged to review their conservation plans thoroughly before making final planting decisions for 1993.

"We really do not want to find anyone out of compliance and face loss of income and penalties.

"Prevention is the best medicine, and complete understanding of the requirements for contouring and residue management will be the best cure possible," Willis said.

Kay Sees Hope For Future In Low-Cost Soil Conservation

By Tom Chaplin
N-T Staff Writer

Fred Kay, a 22-year farmer, is a new commissioner with the Soil Conservation District.

Kay is involved in the family corporation as well as his own enterprise. They grow corn, soybeans and alfalfa. They raise chickens, pigs and cattle.

"If people want to eat, they're either going to eat chicken or pork or beef or fish," he said. "I just don't have that (fish)."

The Kays are raising chickens on a large scale, averaging 60,000 pullets and 375,000 broilers per year. Besides the chickens, they have a 480 sow unit, producing 10,000 pigs per year.

Kay said he started becoming active in soil conservation when he saw a need on his own land for soil control.

"When we moved to this farm about five years ago, I saw that there was a lot of erosion going on. So, we started building terraces here.

"Last year, a couple of positions became open on the SCS committee, and I thought that would be a good place to work to try to prevent any more soil erosion.

"For the short period that we're here, we don't really own the land. We're just stewards."

He said that the big project for SCS would be helping farmers have a soil conservation plan by the federally-mandated 1995 deadline. Without a filed plan with



both state and federal agencies, farmers run the risk of losing funding.

"We work with each individual farmer to make sure that he has a plan set up for his own individual farm.

"If there are dollars out there from the state or federal agencies, than we make sure those dollars are available to people in Cass County."

While President Clinton has been talking about sacrifice, Kay said he thought funding would be tight, but there will still be opportunities for farmers to receive aid.

"I think it will be an excellent opportunity for the Midwest and especially Iowa.

"The funds are going to be harder to come by, but funds for conservation and land stewardship are going to be available."

He said with shortage of money, he thought farmers would still be able to conserve soil with lower-cost no-till and grass-strip farming.

Compliance Is The Question

By Bill Willis
Soil Conservation District

The subject of discussion at the coffee shop on a cold, wintry morning was the Farm Program and all the soil conservation work to be done to stay eligible.

One opinion suddenly surfaced that the government programs could be ignored and farm without the government money and disregard the conservation plan for compliance.

For a moment or two there was silence as the group studied the situation. It was obvious that subjects like support protection, low grain prices, the amount of money that was pumped into the cash flow last year in deficiency payments and crop insurance quickly passed through their minds.

Those with land already enrolled in the 10-year seeding program and a few with FmHA loans looked very concerned knowing that completion of their conservation plan was a requirement.

The silence was broken by a single remark - a few can do that but most farmers can't.

The discussion became quite active as it has in similar situations all over the Corn Belt. The fact is, that staying in compliance with the approved conservation plan is essential when:

- CRP payments are received
- Certain FmHA loans are used
- Federal Crop Insurance is used
- Feed Grain payments are accepted

-- Feed Grain program participation is required by the bank in order to qualify for an operating loan.

These are major reasons why putting the conservation plan into effect on the land is usually a requirement and not an option.

There are other reasons or "entanglements" also that make

"going it on your own" risky if not impossible.

The rousing discussion that ensued resembled the best of debates including nearly all the list of "pros" and "cons," and, of course, all good conversations must come to an end.

Maybe there is a reason for all those TV ads that talk about no till.

Maybe there is a purpose for those residue management meetings and field days for learning how to measure crop residue or to layout your own contour lines.

Maybe that explains why owners and operators are working with their SCS office to fine-tune those conservation plans to a realistic system that can be in force by 1995.

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Tom Rogers of Griswold proudly displays a sign which shows that he is finished with his conservation plan. Rogers had terraces built on 175 of his 385 acres east of town. (N-T staff photo by Christy Stinger)

Rogers Finishes Conservation Plan, Uses Terraces To Save Soil

By Christy Stinger
N-T Staff Writer

Tom Rogers says it feels good to be done with his conservation plan. Of course, he's been working on his for 23 years.

Rogers built his first terrace in 1970 and finished just a few months ago with the terracing project.

"I have terraces on 175 of my 385 acres," Rogers said about his farm east of Griswold. "The rest is bottom ground."

"Most of the terraces were cost-shared with the government," he said. Rogers was approved by the Soil Conservation Service and the Agricultural Stabilization and Conservation Service approved the cost-sharing program.

According to Rogers, he was paid 50 cents per foot for his terraces and 28 cents per foot for the tile.

The cost-sharing program was about half of the cost for Rogers, but he said that the percentage is different for most farmers.

"It depends on the amount of dirt you have to move and where you have to go with the tile outlet," he said.

The last portion of the terraces were put in without the cost-sharing funds, Rogers said. Farmers are

only eligible for cost-sharing funds every other year, and he would not have been eligible again until 1994.

"We had 1,200 feet left, but we went ahead and did those ourselves," he said.

"I'm glad I'm done," he said. "I really feel good about being done."

Conservation plans were required by the government in the 1985 Farm Bill. Each farm must have a working conservation plan implemented by Jan. 1, 1995.

The goal of the plans is to bring erosion down to tolerable amounts, which can be done through various methods including terraces, grass strips and no-till farming.

Rogers began his conservation efforts well before the plans were

required by the government.

"I could see we were losing soil up on the hills in a corn-beans rotation, and something was needing to be done," Rogers said.

He said that his terraces have done a good job for him.

"Some terraces make it difficult to farm, but mine are easy to farm with," he said. The terraces keep the water from running down the hills or to the bottom land, so they are a two-way advantage, he said.

"I'm glad to be done. It is something I'm proud of," Roger said.

Rogers also said that conservation is something that he take seriously.

"A couple of generations shouldn't destroy our environment," he said.

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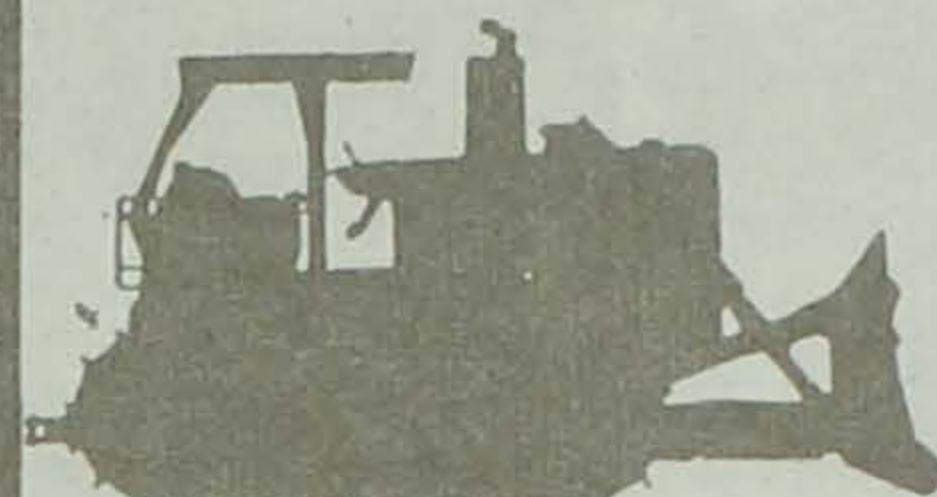
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Greg Zellmer stands beside his farm sign with his cattle in the background. Zellmer is a new commissioner with the Soil Conservation District. (N-T staff photo by Tom Chaplin)

Zellmer Becomes New Soil Conservation Commissioner

By Tom Chaplin
N-T Staff Writer

Greg Zellmer, who has been farming for over 20 years and is the son of a farmer, has become one of the new Soil Conservation District commissioners.

Zellmer said he started out farming when he was still a teenager, helping his father, Harold "Duke" Zellmer.

"I started out feeding cattle with my dad when I was in high school," he said.

He said when he got out of high school he gradually became self-sufficient, now raising cattle and growing corn, soybeans and hay.

"Most of what I farm, I don't have to worry about it because it's on the bottom."

He said that he is using terraces, contour strips, headlands, grass strips and no-till on his erodible lands.

Last year, he did a trial run on his soybeans and said he really liked it because it saved him time and helped contain water runoff.

Seeing the reduced erosion on his land, he thinks everyone should do more.

"We're going to have to take care of the land more," he said.

"I think they need to be encouraged as much or maybe even more than terracing."

Having a son of his own who wants to be a farmer, Zellmer said we need to conserve now so that our children have something.

"We're going to have to do whatever we have to do so that we have something to pass on to our kids."

Because of a shrinking federal and state budgets, money would be tight for programs, he said.

"I'm sure it's going to be harder to get money all the time."

With money being short, low-cost programs look more promising. He said good low-cost programs such as headlands, grass strips and no-till should be encouraged.

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Farmers Often Resent Intrusion Of Census, Question Its Value

DES MOINES, Iowa (AP) — To the government and farm-related businesses, the U.S. Census of Agriculture each five years is a valuable planning and policy tool.

To farm groups, its results provide ammunition in the defense of programs to benefit a shrinking constituency that still manages to put affordable food on the nation's table and contribute valuable exports to the economy.

But to farmers like Pat Ritter, this winter's questionnaire is an intrusion.

"It's probably the worst thing I have to do," says Ritter, who raises grain and hogs south of Granger.

"I just go through it real fast. I don't think it's none of their business," he says. "It's not making me money."

Ritter and many other farmers question the accuracy of the information supplied by their colleagues and whether the data is worth the \$74 million the government is spending to compile — or about \$16 for each of the nation's 4.6 million farmers.

"On average, I wouldn't stake my life on it. I think a lot of people are just tickled to get the boxes filled in and get it into the mail box," says Lynn Johnson, who farms at Alta.

"Do we need the bureaucracy that handles and processes all this stuff?" he asks.

But the census, which has been around for 153 years, has many defenders in and out of the bureaucracy.

"It's terribly important to have a national data center to monitor trends," says Paul Lasley, a rural sociologist at Iowa State University. "Without the census, public policy agencies would be making a lot of decisions on

incomplete data or having no information."

Lasley uses the information in his own studies of changing trends in Iowa, where the number of farmers under the age of 25 declined by 55 percent in the last decade.

"Forty percent of Iowa's farmers are 55 and older. Certainly one of the major policy issues of the '90s is who is going to be the future farmers in America. Who is going to replace this large cohort of farmers at or near retirement age?" Lasley asks.

At Deere & Co. in Moline, Ill., the world's leading maker of tractors and farm implements uses the census as one of many sources to evaluate industry trends, including the growing size of individual farms.

The data is broken down by county.

"It provides detailed information on cropping practices and if they change over time. It helps us determine if we need to make an adjustment to a marketing plan for a certain area," says Deere spokesman Bob Combs.

"If an existing dealer wants to expand or a prospective dealer asks us about the potential of an area, we can look at it and share information on farm income and the number and size of farms," Combs says. "It helps us make an assessment of the true market potential of an area."

Lasley says the data is even more important to Congress, state legislators and government agency directors.

"It's just another source of data for agribusiness. But for policy making it is the primary data base," the sociologist says.

The government has been conducting such surveys since 1840. The farm census shifted from

once every 10 years to once every five in the 1920s, along with other economic censuses. The results for the 1992 data will be available in the fall and the next census will be in 1997.

About 2.1 million farms and ranches are sent the forms, including all 102,000 in Iowa.

The government estimates it takes an average of 40 minutes to complete the nine-page form mailed to three out of every four farmers and 90 minutes for the 11-page questionnaire sent to the remaining 25 percent.

Farmers with computerized records say it takes about 20 minutes to do the job. Others, less organized, need lots more time.

"It takes hours, if you can find your records," says Larry Jepsen, who farms near Sabula. He says that up until the Feb. 1 filing deadline he had been shifting the form from one pile of papers to another.

"I think a lot of us would rather throw it away," Jepsen adds.

Federal law provides a penalty of up to \$100 for willfully failing to file and up to \$500 for willfully filing a false answer. Census officials say they haven't had to enforce that law in recent years.



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Bill Fudge stands before some of the many awards he has won during his time with the Soil Conservation District. They include the Region 5 Outstanding District Commissioner in 1984; the Watershed Award from the State of Iowa in 1986; the Iowa Soil Conservation Farm and Home Award in 1960; and the Outstanding Accomplishment in Soil Award from Goodyear in 1970. (N-T staff photo by Christy Stinger)

Watershed Advocate Retires From Board

By Christy Stinger
N-T Staff Writer

Bill Fudge has been a watershed advocate longer than he has been on the Soil Conservation Board.

"I worked hard to get watershed dams in place," he said. "And I've never had an individual who was disappointed once it was put in."

"It provides fire protection, water for cattle and recreation if that what they want to use it for," Fudge said.

"There are supposed to be about 108 watersheds in the county, and we've got in about 60," he said. "I've had a lot to do with that."

"A lot of my job in the last few years has been in promoting watershed dams. I've been in contact with a lot of farmers," Fudge said.

But he doesn't just stress the need for watersheds. Fudge knows how important all soil conservation is.

"When soil conservation first started, it was grassroots and they really listened to the commission," he said.

"Farmers have to grow into conservation and learn from it. I've seen it in progress."

"I started to farm in 1944, and built my first terrace in '45," he said.

"I rented a Whirlwind terracer from the district, and built my terraces," Fudge said. "I built a lot of them myself."

At that time, Fudge said he could farm the backside of the terraces since they were level.

Fudge said he had one of the first farms in Cass County to implement changes for soil conservation.

Besides the terraces, Fudge also had grass strips. "I maintained quite a little grass. There's nothing better for soil conservation than hay or grass," he said.

Soil erosion wasn't as large a concern when Fudge began farming as it is now. "It's been a growing thing. We didn't have the big equipment to tear (the soil) up deeper and deeper all the time," he said.

He said that concern for soil conservation has "come along a little at a time."

"It's going to have to be done or (farmers) aren't going to get in the farm program," Fudge said. "There's going to be an awful scramble for terraces."

Fudge also likes the idea of no till farming.

"No till is a wonderful thing if they do it and do it right," he said.

When Fudge began farming, fields averaged 14-16 inches of topsoil, he said. That number is down to 7-8 now.

"I can't see or understand farmers letting their soil wash away when plowing a few short acres would save their top soil," he said.

"Terracing is expensive but it is permanent," he said.

"They've got to get in some terraces or strip farm. There are ways of farming without putting in terraces. But they need to be consistent with their practices," he said.

"Conservation doesn't cost. It pays," he said.

'We've Gotcha Covered' Display Describes Iowa Insurance History

What do a Civil War cannon, antique car, iron lung and early fire-fighting equipment have to do with insurance?

Each of these items, in a new exhibit at the State of Iowa Historical Building, shows how life is a risky business.

As Iowans through history have faced risks to life, health and property, they have turned to insurance for protection.

For example, the cannon is a reminder of the deadliness of the Civil War and how families began to provide for loved ones through life insurance.

A 1950 DeSoto convertible shows early safety features.

The State Historical Society of Iowa, with the assistance of the Iowa Insurance Foundation, has created "We've Gotcha Covered: The Iowa Insurance Story."

The exhibit traces the origin and development of the insurance industry in Iowa.

Before writing it off as nothing more than a stack of policies, visit the display to see the more than 500 fascinating, historical items.

"You can identify the risks in your life," says Jack Lufkin, State Historical Society curator for this exhibit. "See how tornadoes, floods, automobile accidents, train wrecks, fires and home or workplace safety hazards affect you today

and how Iowans have tried to protect themselves."

Visitors can play The Longevity Game. Learn about the health epidemics confronting Iowans years ago, including the polio scare of the 1940s and 1950s. They can get a first-hand look at an iron lung and quarantine signs. Learn about some of the world's earliest efforts to create insurance and about Iowa's insurance pioneers. Watch a video on Iowa's insurance industry.

The Mid-Iowa Miniatures Society volunteered hundreds of hours to build three scale models, including a turn-of-the-century farmstead damaged by a tornado.

An authentic machine shop has been reconstructed to help visitors learn about workers' compensation insurance.

Old signs used by insurance companies to increase driver awareness of highway fatalities and safety are on display, including the State Auto Insurance Association's "X Marks The Spot" signs and the landmark neon flame from the torch of The National Travelers Life Insurance Company in Des Moines.

The Iowa Insurance Foundation is a non-profit organization established to raise funds for the exhibit. Fifty-seven organizations contributed funding and assisted in planning the exhibit.

Wayside Column

By Grace Rasmussen
Of Manilla

Correction! Last month I promised to tell you all about Girl Scouts. I should have promised to tell you about the Girl Scouts' founder's birthplace. It is an elegant National Historic Landmark wayside in the city of Savannah. It and the Victorian garden, are located in the heart of Savannah's Historic District.

Juliette Gordon Low was born there on Halloween in 1860. Her restored home now is a center and provides special programs and opportunities for Girl Scouts.

We were directed to find the Liberty tree "right across from the Brunswick City Hall," where we found a stately old live oak, but it was dedicated to ex-Governor Torres who "loved mankind, especially the needy."

So where was the Liberty Tree? Inside the City Hall we found the city manager, Gayle.

"Oh, yes. The Liberty Tree, planted by the Daughters of the American Revolution! You'll find it straight across from the Old City Hall."

There it stood--an aged magnolia--almost haughty about its spreading

misshapen branches that covered over 60 feet across.

We, two Midwestern travelers loitered in the wayside's benevolent shade and read and re-read the darkened words that confirmed it to be 187 years of age and that it was planted in soil sent from 48 states and territories.

The Southern poet Lanier could say it better: "Glooms of the live oaks, beautiful woven and braided with intricate shades of the vines that myriad-cloven the forks of the multiform bough."

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Cass County Soil Conservation Service Staff includes, front row (left to right): Carolyn Wilson, Bob Green and Alyce Lane; back row: Duane Orgies, Tim Bottoms, Bill Willis and Gary Wolfe.

SOIL CONSERVATION DISTRICT PERSONNEL

Carolyn Wilson State Secretary
Gary Wolfe Engineering Aide II

USDA - SOIL CONSERVATION SERVICE (SCS)

Bill Willis District Conservationist
Tim Bottoms Soil Conservationist
Bob Green Soil Conservationist
Duane Orgies Soil Conservation Technician
Alyce Lane WAE

EXTENSION SERVICE (Through October)

A. Daniel Merrick County Extension Director
LaVon M. Eblen Extension Home Economist
Mary E. Ottmar Ext. 4-H And Youth Leader
Bev Gunderson Office Assistant
Diane Allen Office Assistant

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE (ASCS)

Elaine Martens County Executive Director
OFFICE PERSONNEL: Sharon Boken, Jamie Newbury,
Diane Carspecken, Jackie Pelzer, Marcella Waltz, Jeanine
Christensen, Mona Ballinger, Sharon Crane
FIELD MEN: Forrest Winston, Elimar Sudmann
ASCS COUNTY COMMITTEE: Folmer Nelsen, Lawrence
Wohlenhaus, Roger Euken

FARMERS HOME ADMINISTRATION (FmHA)

Alan Seehusen County Supervisor
Diane Brus Assistant County Supervisor
Madonna Nisson County Program Technician
Julie Aupperle County Office Clerk
Gary W. Ludington District Director
Paul Frederiksen Asst. District Director
Shirley A. Winston District Loan Specialist
Merlyn Rees District Loan Specialist
Marvin Eblen Construction Inspector
Diane Larson District Loan Technician
Julie A. Hansen District Office Clerk
Tammy Littleton District Office Clerk

'92 Annu of Cass County Soi



Wendell Pellett

Assistant Commissioner and State Representative; District Commissioner for 21 years and Assistant Commissioner for the past 19 years; Past Director of the Iowa Association of Soil Conservation District Commissioners (3 years); Member of the State Soil Conservation Committee (8 years); Outstanding ISU Alumni; State Soil Conservation Committee Award.



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Assistant Commissioner for 18 years; active in SCD efforts to maintain existing watershed structures; Omaha World Herald Certificate of Merit, 1979; former District Conservationist for Cass County; Soil Conservation Society of America Member.

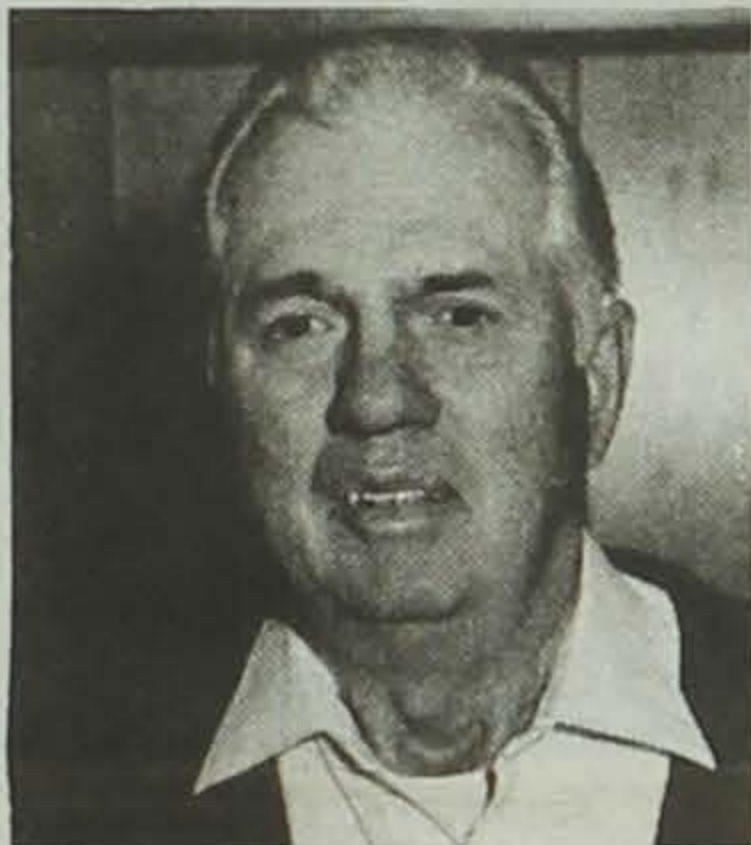
Annual Report

Soil Conservation District



George Hosfelt

District Commissioner; Commissioner since 1952; Outstanding Commissioner Award, 1958; Outstanding Commissioner Award, 1976; Honorary Member of Iowa Association of Soil Conservation District Commissioners, 1977; Omaha World Herald Certificate of Merit, 1979.



G.M. Baler

District Commissioner for 22 years and Assistant Commissioner for two years; Outstanding Commissioner Award, 1983; Chairman, Cass Co. RC&D Committee; Sec.-Treas. of Golden Hills RC&D Executive Committee. Delegate to Grass Roots, Inc.



Max Miller

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SCS Office Staff

Carolyn Wilson, Bob Green, Alyce Lane,
Duane Ortgies, Bill Willis, Gary Wolfe.

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This Land Is Our Land-Protect It Through CONSERVATION ACCOMPLISHMENTS

Landowners Assisted (No.)	940
Landowners Applying Conservation Practices (No.)	146
Livestock Watering Ponds (No.)	2
Grassed Headlands (Ft.)	148,200
Complete Conservation Planning (Ac.)	564
FSA Conservation Planning (Ac.)	30,811
Contouring (Ac.)	6,676
Grassed Waterways (Ac.)	28
Contour Stripcropping (Ac.)	700
Terraces (Ft.)	194,650
Cropland Acres Treated	8,458
Conservation Tillage (New Acres)	4,624

EXPENDITURE OF FUNDS

1-M BUDGET

91-92 Allocation	\$2,041.00
Commissioner Mileage And Expenses	1,482.70
Office Supplies And Expenses	408.30
State And National Dues	150.00
Total	2,041.00

III-M BUDGET

90-91 Allocation	\$152,207.98
Cost-share Warrants Paid	152,207.98
Total	152,207.98

91-92 Allocation	\$79,946.85
Cost-share Warrants Paid	69,416.85
Obligated, But Not Paid	10,530.00
Total	79,946.85

92-93 Allocation	\$89,520.00
Cost-share Warrants Paid	13,874.33
Obligated, But Not Paid	14,040.00
Unobligated Balance	61,605.67
Total	89,520.00

1991 REAP Practice Fund	
Total Allocation	\$4,112.65
Cost-share Warrants Paid	4,112.65

1992 REAP Practice Fund	
Total Allocation	\$3,723.14
Cost-share Warrants Paid	3,723.14

1991 REAP Forestry/Native Grass Fund	
Total Allocation	\$2,060.91
Cost-share Warrants Paid	2,060.91

1992 REAP Forestry/Native Grass Fund	
Total Allocation	\$1,290.46
Cost-share Warrants Paid	1,290.46

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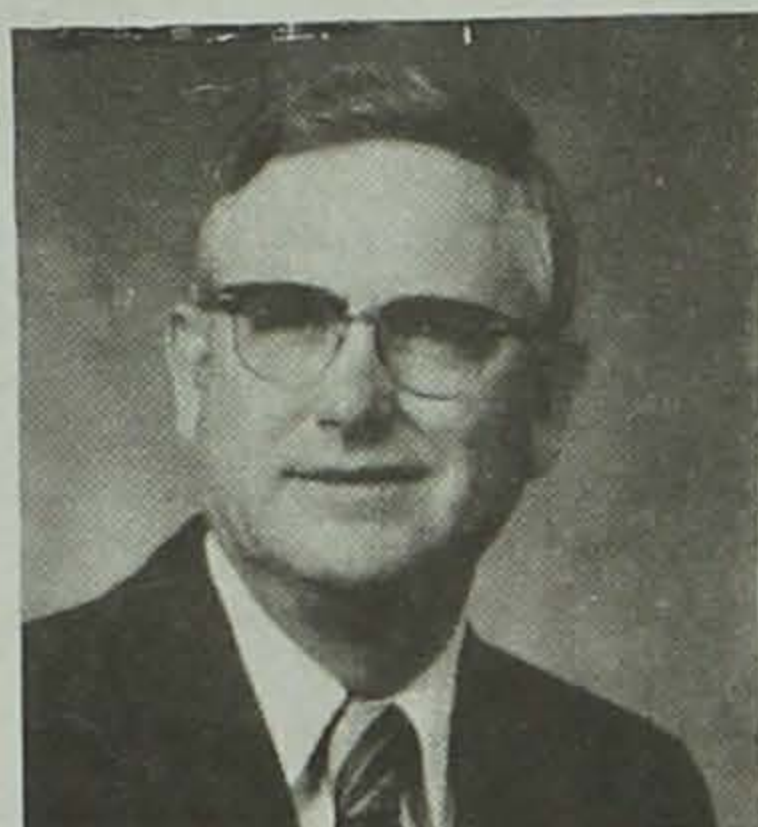
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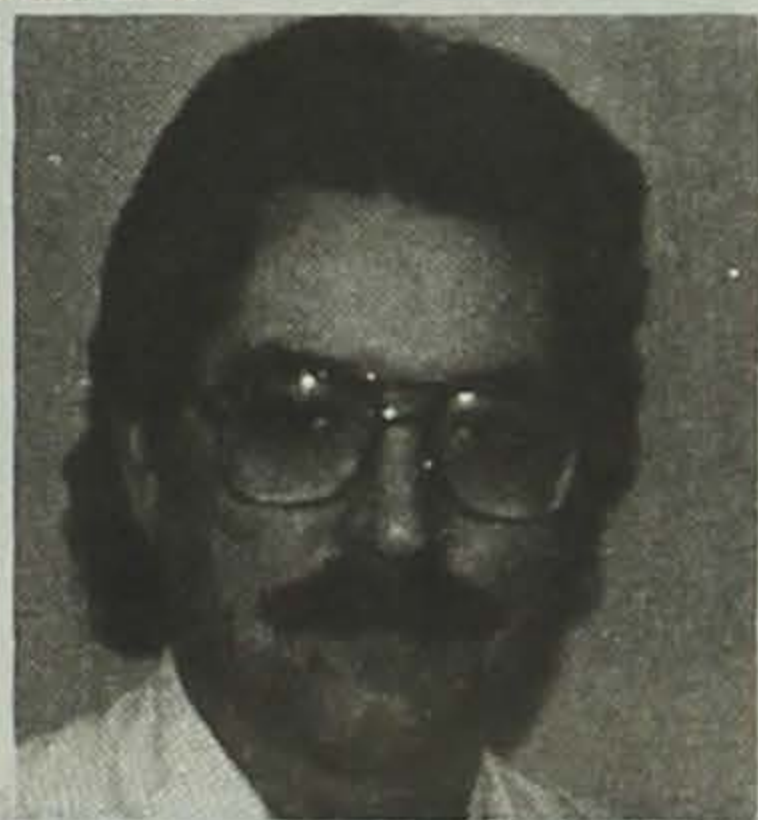
'92 Annual Report

of Cass County Soil Conservation District



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Only a snow break at the moment, Bob and Mardelle Maley expect their five-year-old windbreak to become an effective windstopper within five years. The windbreak not only stops the snow, it attracts wildlife to their yard. (N-T staff photo by Tom Chaplin)

ASCS Establishes Corn Base

The feed Grain Program administered by County ASCS offices establishes a corn base for each farm.

The corn base for an individual farm will have an enormous impact on the type of conservation plan that will work for a particular farm and stay in compliance for Feed Grain payments.

Farms with fairly small corn bases will have some difficulty in maintaining a true corn-soybean rotation on the cropland acres.

It is very important to analyze the conservation plan and the rotation required in the plan to determine if it is possible to plant within the corn base acres.

"To be perfectly honest, farms with small corn bases probably follow a corn-bean-bean rotation if the operator truly plants within the corn base. Whenever this occurs,

the operator needs to be careful to plant second-year beans on fields that are flat with no erosion hazard," Willis said.

"Operators on farms with small corn bases need to carry their conservation plan one step further and project their cropping plan for each year into the future," he said.

"Otherwise, an operator can get forced into planting an extra year of beans on a highly erodible field (HEL) and be out of compliance with the approved conservation plan," Willis said.

One of the requirements to be eligible to receive Feed Grain payments is that an approved conservation plan must be developed, and be applied according to an agreed-to-schedule. The conservation plan must be fully installed before planting the 1995 crop.

"Read and understand your conservation plan," he said. "That's the best advice available if you are to stay eligible for USDA payments of any kind."

"If you intend to also participate in the Feed Grain Program, it is also imperative that your corn acres be within your corn-base acres on each farm," he said.

Wind Breaks Stop Wind, Snow; Help Wildlife

By Tom Chaplin
N-T Staff Writer

Almost nothing is worse than a cold winter day, except maybe a very windy, cold winter day. The only way to stop the wind is putting something in its way - a wind break.

In 1988, Bob and Mardelle Maley of rural Atlantic built a wind break up their lane and around their house with the help of the Soil Conservation Service.

Their wind break consists of two rows of 43 total pine trees and one row of 119 bushes. SCS helped them pick out the kinds of trees which would not only be eye pleasing but which would make the most effective wind break.

The outer row of the Maley wind break consists of dwarf burning bush. When the inner rows of trees grow high, the littler bushes can stop the wind from blowing through the taller trees' trunks.

"They (SCS) suggested that they (the bushes) would make a good border," Bob said.

The middle row consists of alternating Black Hills spruce and Austrian pine. The innermost row is continuous concolor fir trees. SCS suggested several varieties of trees as a precaution.

"If there's a blight that goes through, it never kills all of three kinds of trees. It usually takes one kind," Mardelle said.

Because the Maleys chose the burning bush which turns red in the fall with the pine trees, Mardelle said it really added to the beauty of their yard.

"Last fall for about two to three weeks, they (the burning bushes) were real pretty," she said.

The Maleys said the wind break has been doing more than just stopping the wind for them.

One thing they have noticed this winter was that the wind break makes a pretty good snow break also, catching blowing snow which would otherwise accumulate around their home and driveway.

They have also noticed is an increase in the amount of wildlife which now visits them, sometimes even to live.

"We hardly got the trees planted

and we had a Robin's nest," Mardelle said.

They said since the trees have gone up they have noticed rabbits, squirrels, pheasants, quail and a variety of smaller birds visiting the trees.

The way people can receive aid is by applying for either to the federal or state agencies for a cost-share assistance.

"Once the people are approved, we do all the technical work," Bill Willis, district conservationist, said.

He said the conservation services will tell how and where to plant the trees and help lay out the wind

break.

As far as dollar assistance, he said the SCS will pay up to 50 percent of the cost as long as it does not exceed \$3,500 for all cost-share projects.

Those who purchase 12 to 18 inch conifers will usually get full assistance while those who want larger trees get less, Willis said.

He said larger trees don't guarantee a better survival rate, but they do allow for quicker growth of wind breaks.

The Maleys are expecting their windbreak to become an effective windstopper within the next five years.

Progress Report On Iowa Family Farm Loan Program

Officials at Iowa Citizens for Community Improvement (Iowa CCI) and Norwest Bank reports that a family farm loan program established in January 1989 has helped 270 small and mid-sized farmers obtain more than \$10 million in credit for operating expenses, livestock and real estate purchases, and other agricultural needs.

The program was started to help support and promote family farm agriculture in and around the communities of Atlantic, Denison, Fort Dodge, Des Moines, Sioux City, Mason City, Waterloo, Cedar Falls, Cedar Rapids and Ottumwa.

The program places a special emphasis on meeting the credit needs of smaller farmers, young/beginning farmers with limited resources, and farmers who are rebuilding their operations.

The program is in effect this year for farmers interested in loans or operating and crop input expenses, purchases of livestock, machinery or farmland, and other typical farm-related expenses.

Iowa CCI is a non-profit community organization that has been working with family farmers on credit issues since 1981.

223,336 Acres Of Highly Erodible Land In Cass

The intent of the Conservation Reserve Program is to remove highly eroding land from crop production and protect it with permanent vegetative cover.

This vegetative cover must be established with long-lived perennial plant materials and this cover maintained for the life of the contract.

Cass County encompasses a total of 357,760 acres of which 223,336 acres are considered to be highly erodible land.

The previous 12 sign-up periods have resulted in a total of 18,710 acres being enrolled in the Conservation Reserve Program.

This converts to about 8 percent of the eligible acres participating in this program to reduce soil erosion on eroding cropland.

It is possible to enhance the value of existing CRP acres for wildlife by the addition of habitat features such as food plots.

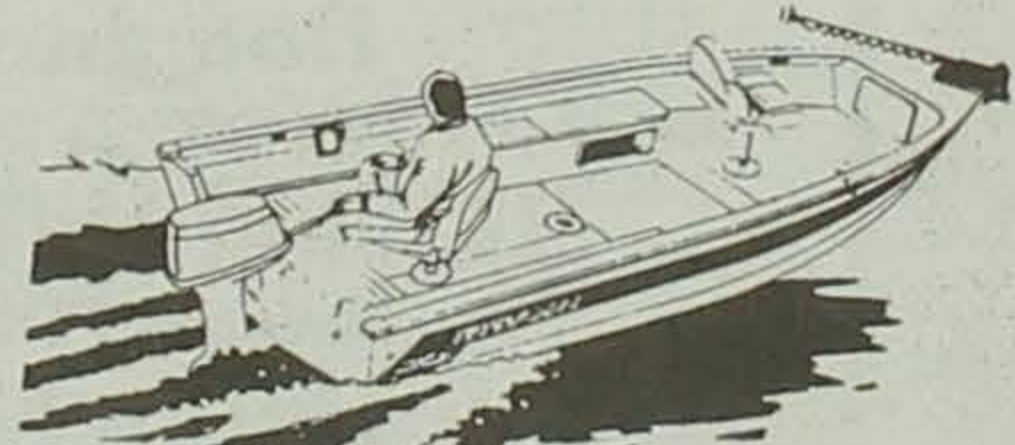
Tree planting is also permitted on CRP acres. The existing CRP contract can be extended up to five additional years if the area is planted to trees.



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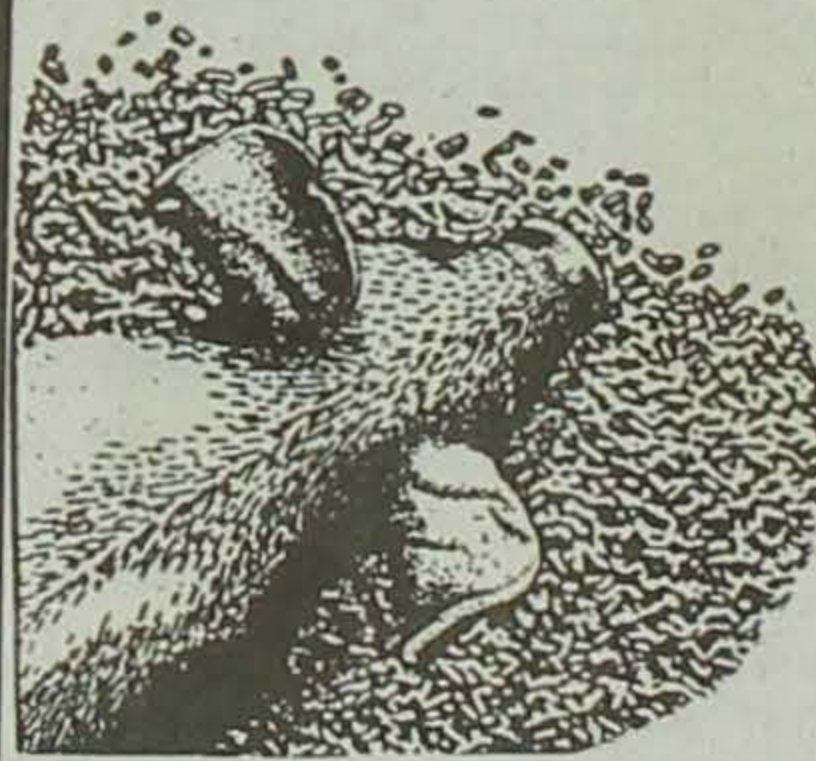
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Dorscher Reconsiders No Till Conservation

By Christy Stinger
N-T Staff Writer

Larry Dorscher of Griswold is reconsidering his choice to use no till for his conservation plan.

"I had trouble with weeds," Dorscher said.

"Anybody who is going to use no till, you have to keep track of what your weeds are. Don't rely on what the companies tell you," he advised.

Dorscher chose no till farming as his option for a government-required conservation plan which is to be implemented by Jan. 1, 1995.

He said that no till was his best option because it was less expensive than terraces.

"It costs between \$1 and \$1.20 for terraces. I can't afford that. A few years ago, soil conservation suggested that I put terraces in. They wanted to put 13 terraces down one slope. That was like \$35,000 for a 60 acre field," he said.

Dorscher said that going to no till farming was "fairly cheap."

"I spent \$1,000 to \$1,200 to get the planter ready. It is a fairly light planter. I put a sprayer barrel on the planter, and I was done with that supposedly," he said.

Dorscher also added buffer strips around his farm to help with erosion.

"They are 18 feet wide strips. They're working out great," he said.

According to Dorscher, his buffer

strips take less of his fields out of production than many other strips.

Also, the strips meet ASCS guidelines as set-aside acres, so Dorscher is not losing the benefit of the acres, he said.

The strips that were built over three years ago already have a six-inch soil built-up next to them, he said, so they are working.

But the no till portion of his plan is not working out as well.

However, Dorscher said that he talked to a no till farmer at a convention in Missouri who said that it takes three years to control the weed problem. "We'll see," he said.

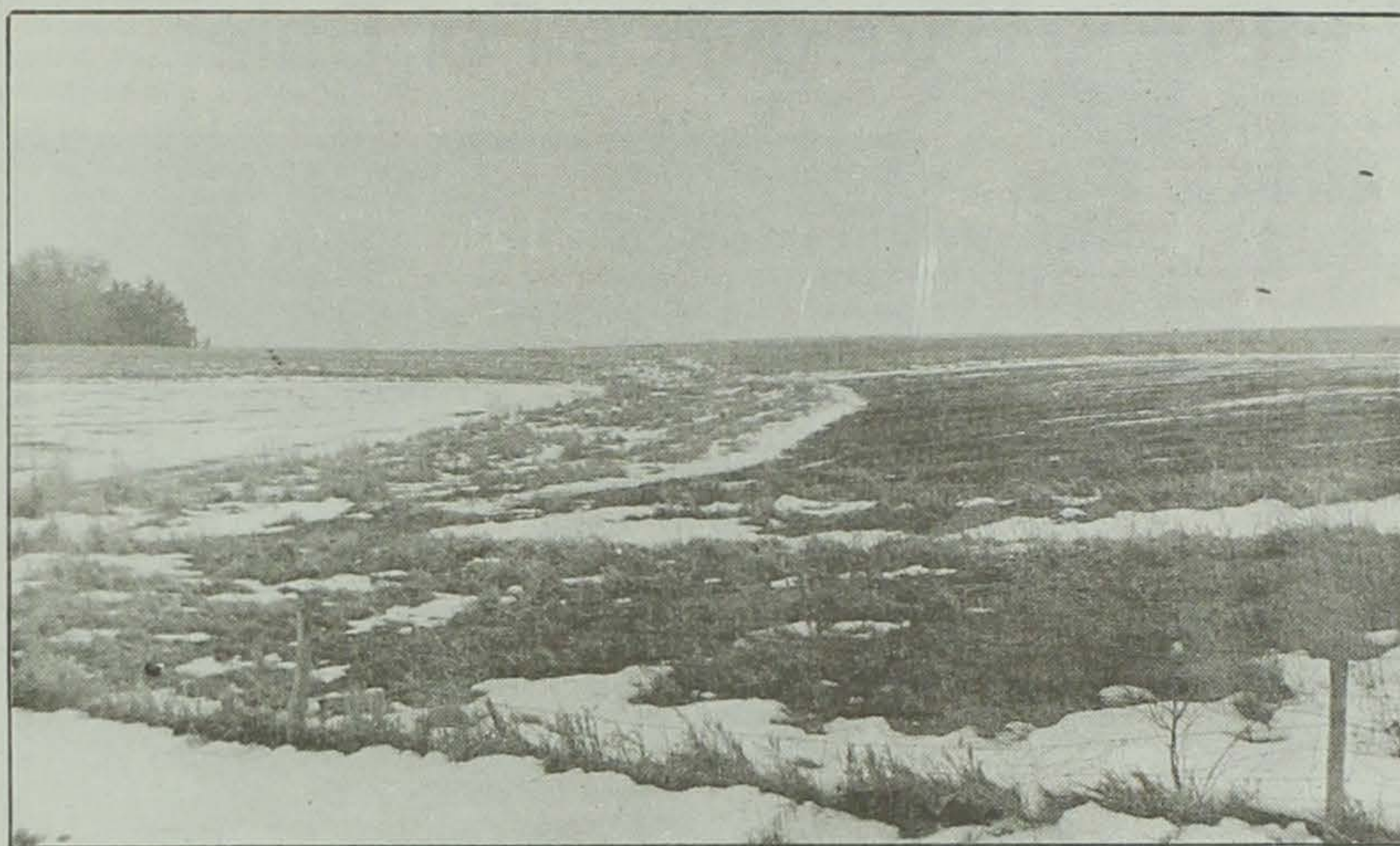
No till acres take a lot more chemicals to control the weeds and pests, according to Dorscher.

"Nobody knows what's going to happen with that," he said. "I'm more worried about ground water than one-fourth of an inch of soil a year," he said.

Minimum till is an option that he is not exploring. The change would require leaving 40 percent residue, but would allow more tilling, especially after planting.

With no till planting, he said he did not notice any reduction or increase in his production, but he could not tell about soil erosion either.

"There are pros and cons about everything," Dorscher said. "I wanted to try it this year, so I tried it. I can't really tell you whether I liked it or not."



This view of Larry Dorscher's land not only shows his buffer strips, but also the problem he had with weeds on his no till acres, he said. Dorscher, who farms between Lyman and Griswold, is thinking about going to minimum till next year. (N-T staff photo by Christy Stinger)

How To Avoid Teeth Grinding

According to a recent article in USA today, 95 percent of Americans at one time or another have experienced bruxism — nocturnal teeth grinding.

Unfortunately bruxism is a problem for only about 5 percent, says John Rugh, an orthodontics professor at the University of Texas Health Science Center in San Antonio.

According to Rugh's research, a major cause of bruxism is stress, not mouth structure.

Dianna Hale, author of "How to Sleep Like a Baby," suggest this

exercise for teeth grinders: Clench your teeth firmly for about five seconds, relax for five, repeat four to six times a day.

In one study, after 10-12 days of this self-treatment, 75 percent of the bruxists stopped grinding their teeth.

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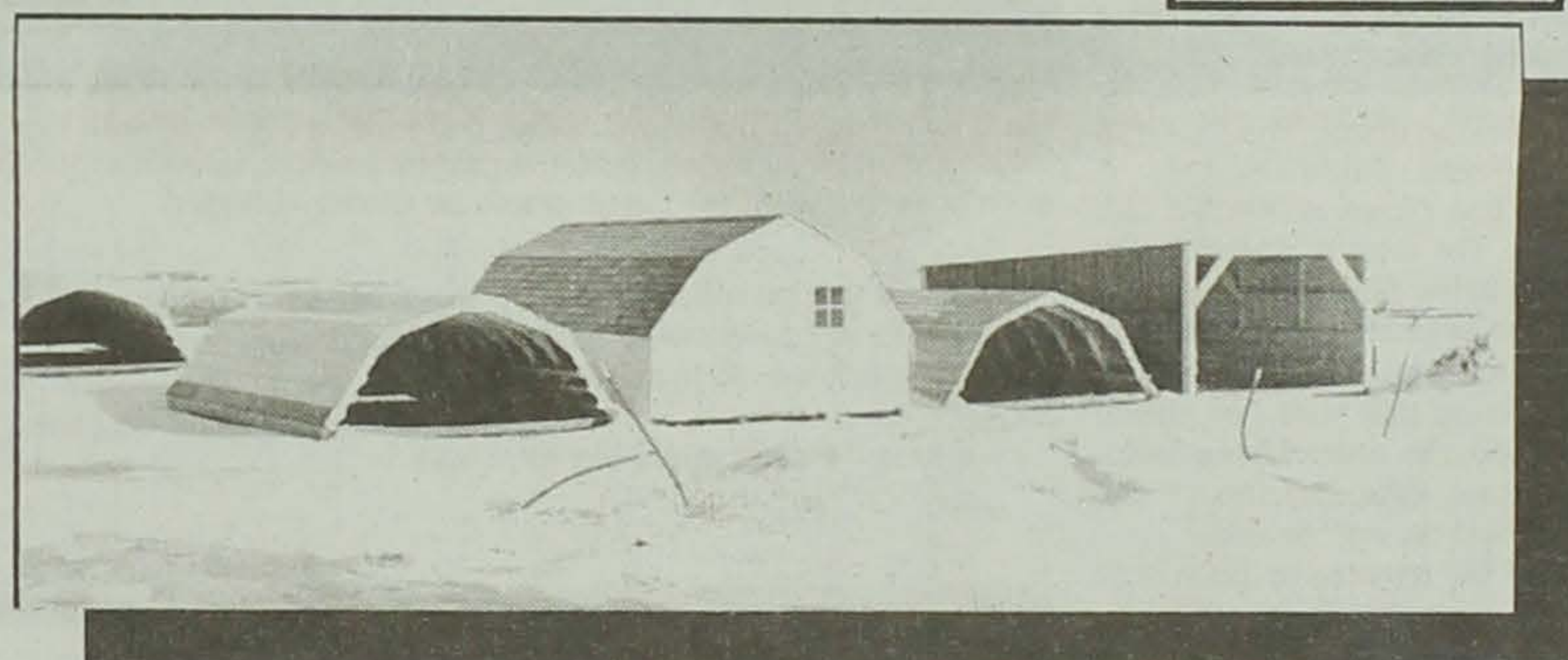
- 80 acres, m/l, in Summit Township, Adair County. Approx. 65 acres cropland. \$775/acre. L-5
- 120 acres, m/l, in southern Cass County. \$80,000. H-5
- 120 acres, m/l, in western Adair County. Tiled, terraced plus a pond. 110 acres cropland. P-6
- 224 acres, m/l, in Adair County. 196.4 acres cropland. \$700/acre. Owners will sell in smaller parcels. S-7
- 2.45 acres, m/l, with improvements. Atlantic School District. \$31,900. L-6
- 3.46 acres, m/l, with residence, steel bldg & barn. Located on paved road. \$39,900. L-4
- 1 acre, m/l, located just north of Atlantic. Nice home with garage and several outbuildings. \$45,000. S-2
- 1.09 acres, m/l, in Cass County. Dwelling, outbldgs & pasture. \$22,000. A-3
- 7 acres, m/l, in Jackson Township, Shelby County. Grand older home & excellent hog setup. Extra land available. \$85,000. H-3
- 4 acres, m/l, in Clay Township, Shelby County. Dwelling is unique. Outbuildings. \$75,000. Extra land available. C-3



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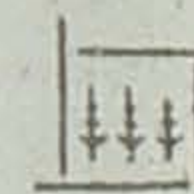


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22 Years With Commission Was A Learning Experience For Baier

By Christy Stinger
N-T Staff Writer

G.M. Baier has learned a lot in his 22 years with the Soil Conservation Board.

"Laws change every year, both state and federal," he said. "So each year, there's something new to learn."

When Baier began as the president of the Turkey Creek watershed, he had his own conservation plan and had built several terraces.

But from there, he had to learn as he went along, Baier said.

"The Soil and Water Commissioners appointed me to be an assistant commissioner. The next year, the board was increased from a three to five member board. I received a four year term," he said.

In the Turkey Creek plan that they devised, 110 watersheds were approved.

"Fifty-seven have been completed with another contract to be let this summer," Baier said. "Turkey Creek has much less frequency in its flooding."

"We have another watershed, the Troublesome Creek, where 12 structures out of a possible 32 are completed."

"There also is Crooked Creek watershed which has been completed. The source of funding for these watersheds is PL 566. These are federal funds," he said.

Baier said that the first tile outlet terraces in the district were built in 1973 and were 63,350 feet.

"This had grown to 300,300 feet in 1991. The total is now 3.5 million feet in the district," he said.

"In the beginning, terraces were constructed level around the hill and it was found that with our glacial till subsoil, the water after a storm did not soak away fast enough and crops would drown," he said.

All of the terraces in the county are now using the tile, he said.

"Iowa as a state has always been foremost in soil and water conservation," he said.

"On May 26, 1982, Iowa passed a law known as Iowa 2000, its goal being to have all erosion under control by 2000."

"Many things were covered in this bill, but I feel the funding for cost-sharing to build permanent soil conservation practices is the most impressive," Baier said.

"This is the main reason we have the erosion control on the land now," he said.

"1985 saw the passing of the Farm Security Act, the beginning of mandatory soil and water conservation. This is a federal law that has some very difficult goals to reach, including having all erosion under control by 1995."

"Before 1985, all soil conservation had been voluntary," Baier said.

He said that federal and state money have both been cut in the cost-sharing projects, but other groups are coming forward to help, including those such as Ducks Unlimited and Pheasants Forever.



G.M. Baier has worked in conservation for the past 22 years on the Cass County Soil Conservation Board, as well as with Golden Hills RC&D. He is shown with the plaques he received upon retiring from both this year. (N-T staff photo by Christy Stinger)

Baier said that he will cherish all of his years in conservation work because he has met so many dedicated people.

He also said that he would like to

thank his wife for her support during his 22 years on the Board.

"I'm sure she could be a commissioner if she so chose," he said.

Baier, RC&D Board Do Work In Southwest Iowa

Besides his work on the Cass County Soil Conservation District, G.M. Baier has also worked with Golden Hills RC&D for the past 15 years.

Baier began with the Region 13 Commissioners of the Metropolitan Area Planning Association, and they worked to organize the Golden Hills Resource, Conservation and Development Board.

"There was plenty of support here. The problem was to get approved for federal funding which included an office, a coordinator and some cost-sharing monies," he said. "Eventually it was approved and has been in action 19 years."

Baier was secretary/treasurer of the RC&D Commission for 15 of the 19 years it has been in existence.

"We built grade stabilization structures to protect roads," he said. It is now involved in

channel stabilization of Walnut Creek in Pottawattamie County.

"We're working on ways to do it without spending millions and millions of dollars," he said.

RC&D "has done a lot for this part of the state," he said. The organization was instrumental in getting silt basins built around Glenwood so that the water runoff would not go through their business district.

Officials also worked with apple growers in southwest Iowa who needed a place to store their crop.

The RC&D helped the apple growers organize into one group and build a warehouse in Missouri Valley.

The organization has been successful because it "goes out and gets the public support," he said.

"That's sometimes hard to organize, but if you don't, it doesn't get done," he said.

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REAP Alliance Seeks Extension From Legislature

The REAP Alliance a coalition of 26 statewide environmental groups, called upon the legislature to honor their commitment to Iowa's Resource Enhancement and Protection (REAP) program by extending the time period for the program until the original dollar goal for \$300 million is reached.

In 1989, when REAP was enacted by the legislature, the goal was to provide \$30 million a year for each of ten years for the enhancement and protection of Iowa's natural and cultural resources. Due to Iowa's recent fiscal problems, REAP has only been funded from a high of \$20

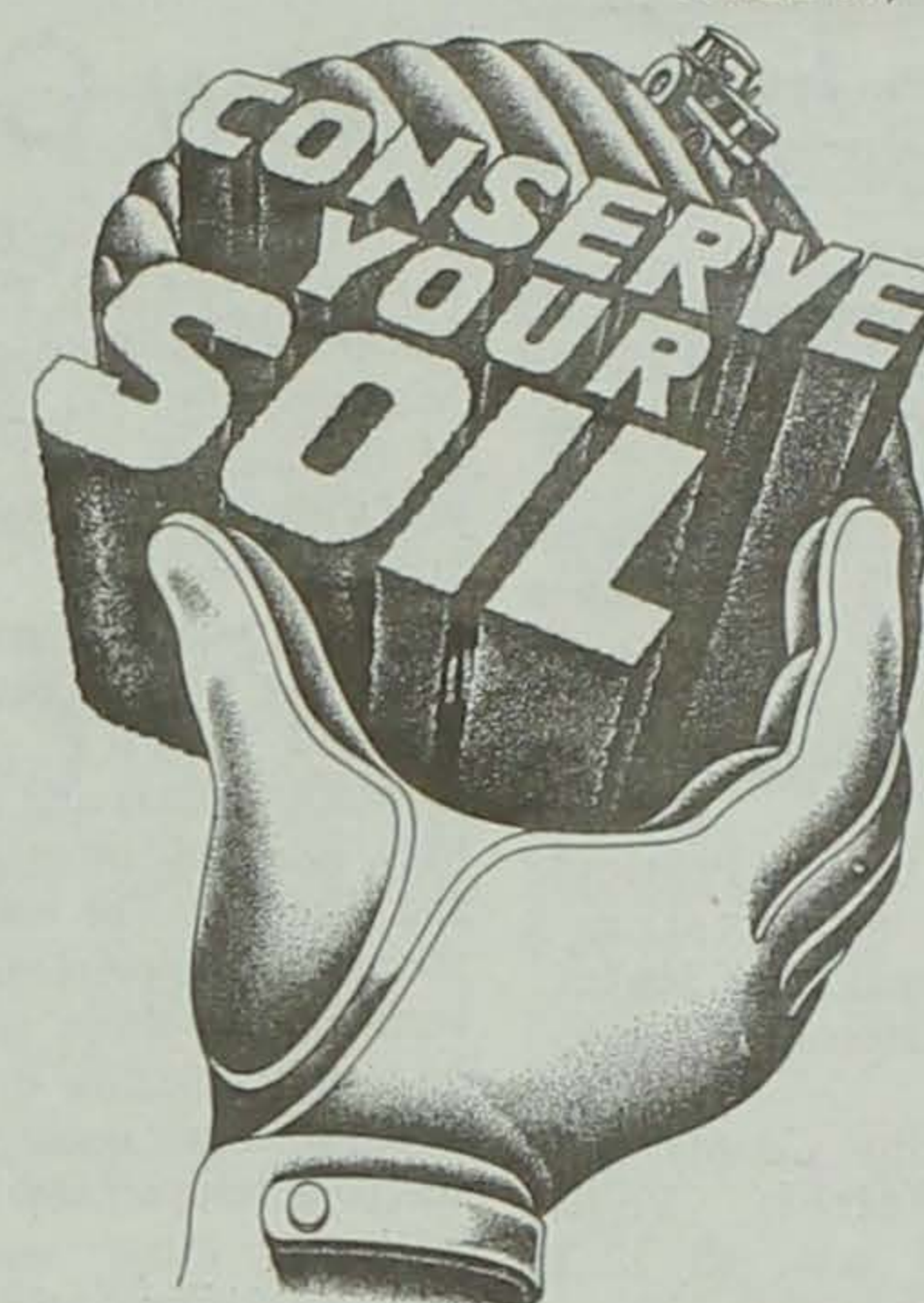
million in FY to a low of \$8.5 million in FYK 93. Even with the diminished funding level, REAP has achieved significant gains in Cass County since the beginning of the program.

In 1992, REAP won the prestigious Renew America Environmental Achievement Award for its success in protecting Iowa's public lands and open spaces. REAP won the award over 118 other state-sponsored programs.

REAP has sent millions on soil and water resource protection and enhancement, tree planting, important natural, wildlife, recreation and cultural resource areas,

acquired sensitive lands, helped establish city parks, and provided funds to counties for conservation priorities which commit real dollars to conservation purposes. REAP funds have greatly expanded conservation discussion programs across the entire state.

Members of your local county conservation board, soil conservation district commissioners, historical society or county REAP Committees will be pleased to talk with anyone about the benefits the REAP program has brought to talk with about the benefits the REAP program has brought to the local area. Contact officials for data.



REAP Allocations Cass County

Recipient	Projname	Allocation	Program	Subprogram
County Special REAP Account	Per county allocations	4919	County Conservation	Equal Allocations
County Special REAP Account	Per county allocations	6121	County Conservation	Equal Allocations
County Special REAP Account	Per county allocations	9086	County Conservation	Equal Allocations
County Special REAP Account	Per county allocations	12415	County Conservation	Equal Allocations
County Special REAP Account	Per population allocations	0	County Conservation	Per Population Allocations
County Special REAP Account	Per population allocations	0	County Conservation	Per Population Allocations
County Special REAP Account	Per population allocations	2732	County Conservation	Per Population Allocations
County Special REAP Account	Per population allocations	15682	County Conservation	Per Population Allocations
Lake Anita State Park	Campground utilities	29941	Land Management	Per Population Allocations
Lake Anita State Park	Richard & Patricia Lett tract	30400	Open Space	Acquisition
Soil and Water Conservation District	Equal allocations for practices	5220	Soil and Water Enhancement	Traditional Practices
Soil and Water Conservation District	Equal allocations for practices	6342	Soil and Water Enhancement	Traditional Practices
Soil and Water Conservation District	Equal allocations for practices	13095	Soil and Water Enhancement	Traditional Practices
Soil and Water Conservation District	Equal allocations for practices	17380	Soil and Water Enhancement	Traditional Practices
Soil and Water Conservation District	Forestry & native vegetation	0	Soil and Water Enhancement	Tree and Native Grass Planting and Management
Soil and Water Conservation District	Forestry & native vegetation	1345	Soil and Water Enhancement	Tree and Native Grass Planting and Management
Soil and Water Conservation District	Forestry & native vegetation	1634	Soil and Water Enhancement	Tree and Native Grass Planting and Management
Soil and Water Conservation District	Forestry & native vegetation	10007	Soil and Water Enhancement	Tree and Native Grass Planting and Management

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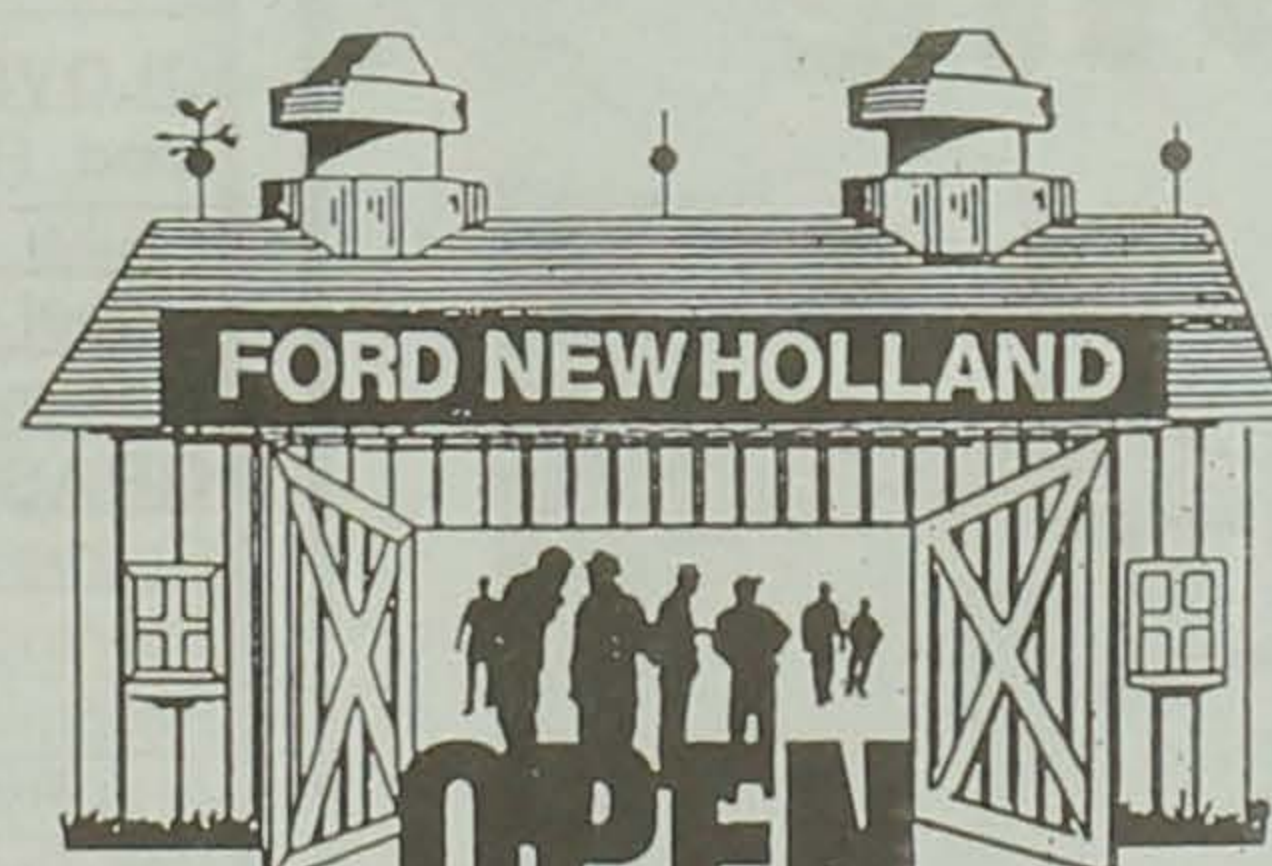
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Extension News

Shelby County Extension News

Feb. 22-Commercial Pesticide Applicator Training, Council Bluffs, H-S Cattle Club, 7 p.m., Parish Hall, Portsmouth.

Feb. 23-Shelby County Tractor Safety Course, 7 p.m., Harlan American Legion.

Continue Animal Welfare Series on Iowa Public Television, 12:30 p.m.

Feb. 24-Private Pesticide Applicator Testing, 9 a.m. to 3 p.m., Veterans Auditorium, Harlan.

Feb. 27-28-Regional 4-H Leaders Forum, Madrid.

March 1-Shelby County Pork Producers Barrow Show, Kimballton, 11 a.m. to 12:30 p.m., weighin.

Soybean Association Satellite meeting, 7-9 p.m. extension office.

March 2-Soybean Association Satellite meeting, 9-11 a.m., Extension Office.

Continue Animal Welfare Series on Iowa Public television, 12:30 p.m.

March 3-Private Pesticide Applicator Training, Logan Community Building.

March 4-Tomorrow's Leaders Today- II Public Affairs Trip to Des Moines.

March 9-Tractor Safety Course, 7 p.m., Harlan American Legion. Final Animal Welfare program on Iowa Public Television, 12:30 p.m.

March 13-Shelby County 4-H on KMTV, Channel 3, 6:45 a.m.

March 15-Swine Record Analysis meeting, 7:30 p.m., Harlan National Bank.

March 16-Tractor Safety Course, 7 p.m., Harlan American Legion.

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New Campaign Brings Home Beef Lovers

Americans love beef. In fact, consumer research shows that 90 percent of U.S. consumers purchase beef products. Yet recently, some of the people who most enjoy beef's taste have decreased their beef consumption.

That's why the beef industry is launching a new, checkoff-funded advertising and promotion/marketing campaign in May, following months of research and planning. The new effort will promote beef's preparation ease and versatility to those who like and frequently consume it. This differs from previous campaigns that were designed to attract new beef users or influence those who did not regularly consume beef.

The campaign will include consumer advertising, supermarket promotions and other retail programs, restaurant promotions and foodservice programs, and

related information tied to public relations efforts. Consumer advertising begins in May, while retail and foodservice promotions and programs will be implemented in early June.

The message for consumers will be that beef is easy, versatile -- and exactly what they want for their families' meals today. In supermarkets and restaurants, that will increase consumer interest and acceptance of beef as an easy and versatile in-home or casual restaurant meal entree.

As part of the total campaign strategy, checkoff-funded programs will address what consumer research has identified as barriers to beef consumption among traditional beef lovers:

-- Lack of know-how. Either consumers don't know how to prepare beef or they're afraid of ruining a valuable cut by cooking

it the wrong way. To this end, the new campaign will feature beef in a

diverse array of appealing, readily-available easy recipes.

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Crown	\$3 ²⁸	\$164 ⁰⁰
Trident	\$3 ³⁸	\$169 ⁰⁰
P.B. 222	\$1 ⁸⁶	\$ 93 ⁰⁰
P.B. 201	\$1 ⁸⁰	\$ 90 ⁰⁰
Vernal	\$1 ¹⁹	\$ 59 ⁵⁰
Ranger	\$1 ¹⁹	\$ 59 ⁵⁰
Common	\$1 ¹⁶	\$ 58 ⁰⁰

CLOVERS

Med. Red	\$1 ⁴⁴	\$ 72 ⁰⁰
Alsike	78¢	\$ 39 ⁰⁰
Sweet	47¢	\$ 23 ⁵⁰
Mammoth Red	83¢	\$ 41 ⁵⁰

GRASSES

Brome	\$1 ¹²	\$ 56 ⁰⁰
Sterling Orchard	\$1 ²⁰	\$ 60 ⁰⁰
Potomac Orchard	\$1 ¹⁵	\$ 57 ⁵⁰
Ann. Ryegrass	46¢	\$ 23 ⁰⁰
Per. Ryegrass	\$1 ⁰³	\$ 51 ⁵⁰
Timothy	72¢	\$ 36 ⁰⁰
K-31 Fescue	90¢	\$ 45 ⁰⁰

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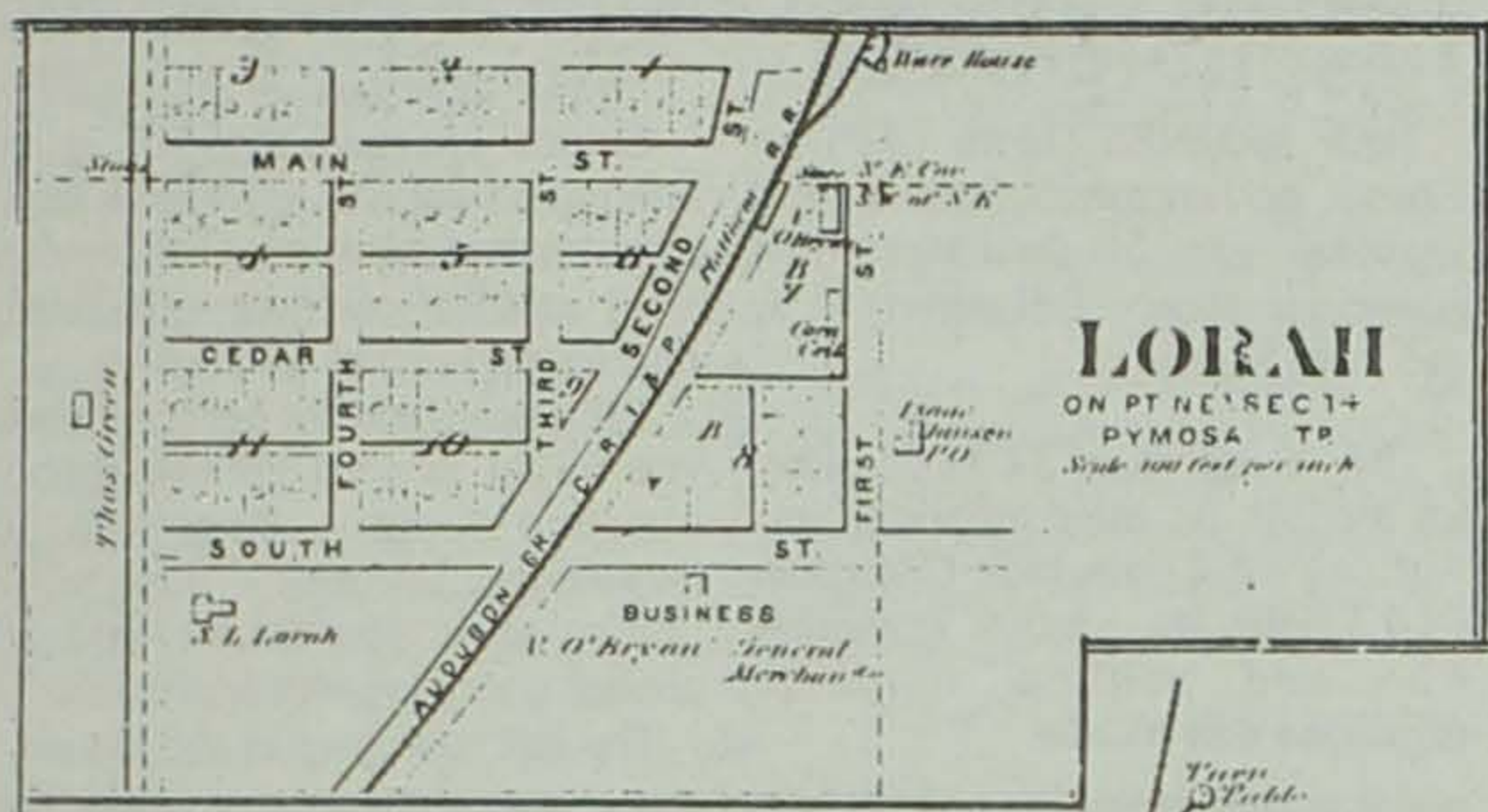
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Memories Of

By TRENA CHINITZ

Jim Riggs of Lewis has a very large Cass County map which is dated 1881.

It shows a plat of Lorah which is included with this article. The listing of the Lorah Post Office patrons is of particular interest.

The patrons were G. S. Acker, Thos. Green, Benton Green, F. C. Goodale, Fred Heitmann, A. E. C. Hawkins, Isaac Jansen, S. L. Lorah, V. O. O'Bryan, O. Oathoudt, Jno. Stoner.

Jansen was the postmaster, O'Bryan was a general merchant and Oathoudt was listed as a carpenter.

The map shows that Judge S. L. Lorah, founder of the village bearing his name, lived on the southwest edge of the community.

O'Bryan had his business located east and slightly north of Judge Lorah's home, across the railroad tracks. He also had another store further north of that.

The post office was located at the east edge of Lorah, apparently in Jansen's home.

The map also shows a warehouse and platform at the northeast corner

of the community along the railroad tracks and a corncrib.

The community was divided into 11 blocks, one of which, No. 9, was quite small because of the railroad going through the area on an angle.

The map shows four north-south streets, called First, Second, Third and Fourth. The three east-west streets were Main, Cedar and South. Second street followed the curve of the railroad.

Bus Tour Adventure

Continued From Page 6.

orchards of bing cherries, apricots, lemons and peaches.

Mountains bordered the valley on the right and Great Salt Lake on the left. We were privileged to stop at Sumida's Fruit Stand where everyone on the bus eagerly stocked up with the fresh fruits (peaches, apricots and bing cherries) - a real treat.

As we continued up the valley we passed the beautiful checkerboard of green alfalfa and golden wheat fields with the barren mountains in the background.

It was 10:10 a.m. when we crossed the line from Utah into Idaho. The valley changed to sage brush dotted with low shrub-like trees. This gradually led into an irrigated section known as Idaho Potato Country. From the highway you could see the roofed potato cellars on each farm where potatoes are stored after digging.

As we neared Twin Falls, Idaho, we noted farms in the valley raising potatoes, sugar beets, beans, onions and alfalfa. Many times through this area we crossed the famous Snake River and as we entered Twin Falls for dinner, crossed the Snake River Canyon - a choice spot for picture takers.

An old-fashioned farmer's dinner was enjoyed at Holiday Inn in Twin Falls, consisting of fish fillets, mashed potatoes, corn on the cob, Jell-o salad, hot rolls, apple cobbler with ice cream and iced tea all for \$1.95. Earlier in the morning we had met two Continental bus loads of tourists from Mississippi at a rest stop.

When we stopped for dinner at Holiday Inn, the manager met us and said they were ready to accommodate us. We learned later that the other tour group from Mississippi had telephoned ahead and the manager mistakenly took us for them. At any rate we received a royal welcome. The Continental bus didn't particularly appreciate the error.

Dinner over, we continued on westward through rolling sand hills and breaks which were completely dried up - even the sage brush was brown.

Near Boise, Idaho, we passed through more irrigated sections. It was 5:25 p.m. when we crossed the line into Ontario, Ore., where we were to spend the night at the Holiday Motor Inn.

Along the road near here we saw a sign which read: "The Wages of Sin is Death" and just a short dis-

tance down the road was another sign which advertised "Go to Harold's in Reno, Nev." The temperature today had been 96 degrees.

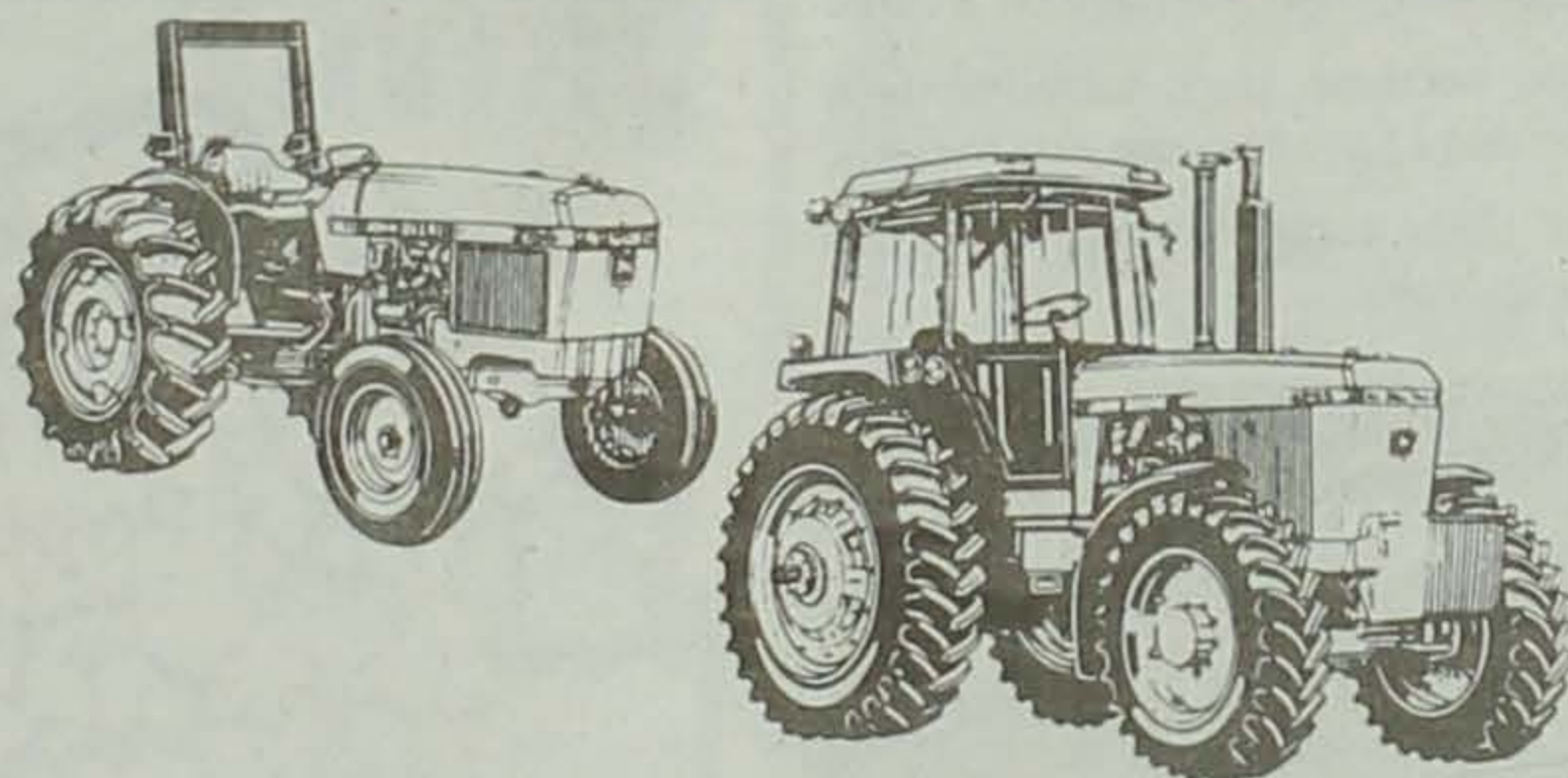
Thursday, July 18. We were up at 6:15, breakfasted at the Charolaise Restaurant and departed from Ontario at 7:50 a.m. It was a beautiful 70 degrees sun shiny morning with prospects of reaching 105 degrees today.

Alberta reported we had driven 389 miles the day before. Our motel host came to the bus to bid us goodbye and gave us a bit of history of the area. Ontario has the largest potato factory in the world. Farmland in the area sells from \$1,000 to \$2,000 per acre. There is no sales tax in Oregon.

Just beyond Ontario, we turned our clock back another hour. As we traveled north just past Baker, Ore., we noted the half way point between the equator and the north pole.

The countryside changed from rugged, barren mountains to beautiful pine covered mountains near Pendleton, Ore. Just south of Pendleton they suddenly became a vast checkerboard of wheat fields for miles and miles which we stopped to view from a high point along the highway.

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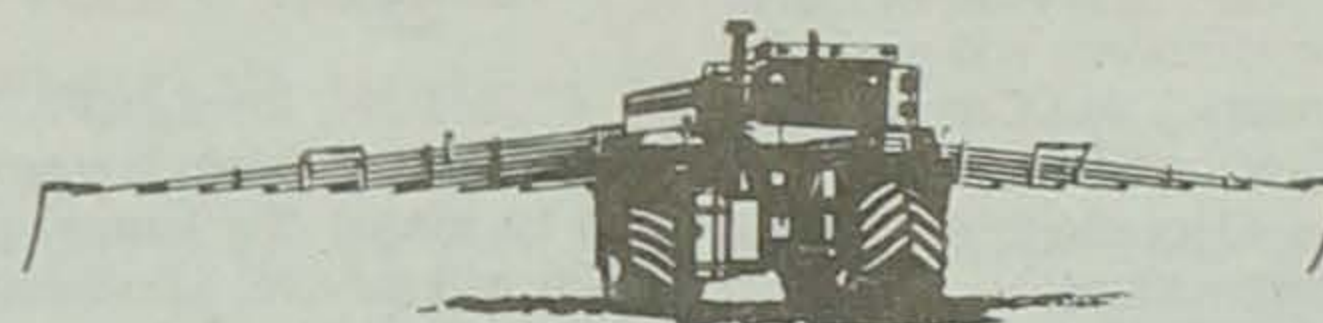


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REAP Applications Available

The Cass County Soil and Water Conservation District is accepting applications for state cost-share under the REAP program.

Under the "Resource Enhancement and Protection Program" you can apply for cost-share to establish several practices such as: Field borders, strip-cropping, farmstead windbreaks and tree plantings to mention a few.

The district has \$2,800 in cost-share funds that can be used to establish some of these practices on your land.

If you are interested in learning more about this program please contact the Cass County Soil & Water Conservation District at 1207 Sunnyside Lane, Atlantic.

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Corn Vision 2020 Identifies Six Keys To Industry's Future

The National Corn Growers Association (NCGA) has completed the first phase of Corn Vision 2020, an in-depth research project intended to provide growers and their corn industry partners with a road map to the future.

Co-sponsored by NCGA and Pioneer Hi-Bred International Inc., Corn Vision 2020 was a month-long, in-depth survey of 37 industry executives and decision makers.

The panelists have expertise in domestic farm policy, international trade, biotechnology, new uses, livestock trends, environmental policy, corn processing, macroeconomics and demographics.

"NCGA has always been ahead of the curve," said NCGA President Randy Cruise, a farmer from Pleasanton, Neb. "Corn Vision 2020 is our latest effort to position our grower-members at the cutting edge of the industry. We know no one can predict the future, but we also know that only those who prepare themselves to adapt to change will continue to thrive."

Cruise notes that NCGA will use the findings of the Corn Vision 2020 panelist to set association goals and fine tune its strategic plan.

Pioneer also intends to use the study's results in its long-range planning process.

"Pioneer is committed to the application of technology to develop superior plant products which increase the efficiency and profitability of farmers," said Connie Christensen, director of marketing, North American Operations for Pioneer Hi-Bred International Inc.

"To continue to accomplish this, we must constantly be taking a long-term view of the corn industry to ensure that we have focused our research and development efforts in the most productive areas for both the farmer and Pioneer."

At the conclusion of three rounds of the Corn Vision 2020 study, the 37 respondents had identified six major factors as having the greatest likelihood and impact on the future profitability of corn:

— **LIBERALIZATION OF GLOBAL TRADE POLICIES.** Panelists expect trade to become somewhat freer over the next 30 years, which would be positive for the U.S. corn industry.

They noted that trade agreements such as the pending General Agreement on Tariffs and Trade (GATT) and the North American Free Trade Agreement (NAFTA) would probably not all the provisions needed for completely free trade.

— **CHANGING STATUS OF TRADITIONAL FARM PROGRAMS.** Panelists said they expect agricultural legislation to play a lesser role in corn production than it does today. Specifically, they predicted a reduction in farm program benefits as the federal budget

deficit increasingly drives domestic legislation.

This could create short-term hardships and dislocations among corn producers, but in the long term it would reward efficiency with greater profits.

— **WORLD DEMAND FOR PROTEIN.** Panelists had very different predictions about the impact of economic development, population growth and dietary trends -- at home and abroad -- on demand for corn as a feedstuff for livestock.

Clearly vigorous economic and population growth in key markets would increase demand for protein, benefitting the corn industry. Even in the most optimistic scenario, increased competition from alternate crops or competing nations could moderate that impact.

— **PARALLEL CORN INDUSTRIES: COMMODITY AND SPECIALTY.** Panelists do not foresee major departures from present production and marketing patterns in the corn industry resulting from increased production of specialty corn. However, they did expect specialty varieties to become more important, providing increased profits for growers with access to contract or identify-preserved markets.

— **EFFICIENCIES ACHIEVED THROUGH TECHNOLOGY.** A large percentage of the panelists said the comparative advantage/price competitiveness of U.S. corn production hinges on a U.S. commitment to the research and development of technology.

Potential offsets to this edge may come from increasingly rigorous environmental regulation and technological advances in competing countries.

— **NATURAL RESOURCE, FOOD SAFETY AND NUTRITIONAL CONCERNS.** Panelists agreed that these non-agronomic concerns will continue to alter corn production decisions. Water quality and quantity issues will impact where corn is planted. Food safety interests will alter how corn is grown. Nutritional concerns may change what types and quantities of corn are produced.

In many cases panelists felt that agriculture biotechnology -- if society accepts it -- has the potential to deflect the potentially negative impact of these variables.

NCGA is a national commodity organization with more than 27,700 members in 47 states and 24 affiliated state organizations.

Senate Outlaws Chemical Regulation

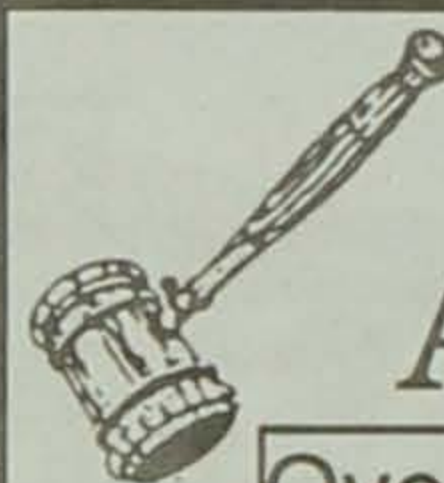
DES MOINES, Iowa (AP) — Local governments could not regulate use of fertilizers and pesticides under a bill approved by the Iowa Senate.

The Senate voted 37-11 Tuesday for the bill. Its chief supporter was Agriculture Committee Chairman Berl Priebe, an Algona Democrat who said uniform statewide regulation was needed.

Critics charged the bill is an attempt to cut off aggressive local regulation of hazardous substances. They said the state has no business interfering in local issues.

"If you want to be consistent you might as well abolish school boards," said Sen. Ralph Rosenberg, D-Ames. "And while you're at it you might as well abolish every town council."

The bill now goes to the House.



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46 Dogs Rescued From Illegal Kennel Will Survive

CLINTON, Iowa (AP) — Most of the 46 dogs taken in a recent raid on an illegal dog kennel near De Witt will survive, an official says.

However, two Chinese shar-peis taken to the Clinton Humane Society may have to be destroyed.

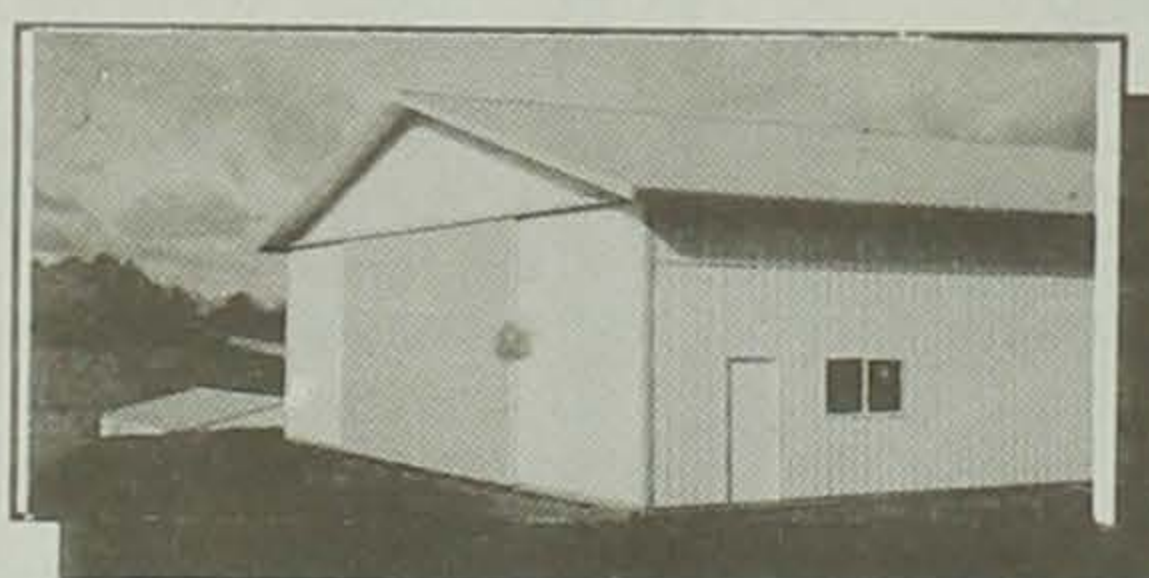
Nancy Willis, administrator of

the humane society's Pet Farm, said the male and female char-peis were brought to the farm on a catch

pole because they were vicious. The dogs have become less vicious, but their temperaments still are questionable.



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Pork Producers Plan Show At Kimballton

The Shelby County Pork Producers Association's Spring Barrow Show will be held Monday, March 1, at the Kimballton Sale Barn.

Weigh-in is from 11 a.m. to 12:30 p.m. and student and adult judging will start at 1 p.m. The live show will begin at 2 p.m.

There is no weight limit on the live show barrows. Carcasses must be in the range of 160-200 pounds to be included in the carcass show which will be held at Western Iowa Pork in Harlan at 7 p.m. Wednesday, March 3.

Individuals entering the carcass show are responsible for buying back the loin after the show. Participants have the option of taking the whole carcass to Jim's Market in Harlan to be processed for their use.

Prize money, trophies and ribbons will be awarded for both the live and carcass shows.

Entries by Shelby County Pork Producers are at no cost, while non-members will be charged.

The show is open to both Shelby and non-Shelby County residents.

Needed Clues Of Roots

By Edna Christensen, Cass County Genealogical Society
Seaching in a cemetery can become a disappointment. After locating your ancestor's tombstone you then to discover it is half hidden by weeds and the inscription is badly worn by weather and almost unreadable.

A little before hand preparation might help solve this problem.

Put in the trunk of your car a soft vegetable brush for brushing off dirt, lichen and moss. Include a plastic bottle containing water. A spray of water can make the inscription easier to read when taking pictures.

Include a Zip-Lock bag with flour to rub over letters and numbers. White chalk can be used the same way.

Also include grass clippers and towel to clean the area around the stone, being very careful not to damage the stone.

Replace every thing the way you found it. I also carry a small rod to probe for stones under the soil.

Insect repellent, note books or clip boards, pencils and rubbing materials are should also be taken along.

Be sure to check all sides of the stone for names and dates.

Some of the cemeteries have German writing on many of the stones.

I carry a dictionary of German to English for this. There are several types of dictionaries you can buy.

How to date a tombstone:

1796-1830 — Slate or common field stone, considered the oldest except for wood by pioneers.

1830-1849 — Flat topped hard marble.

1845-1868 — Masonic four-side stones.

1860-1900 — Pylons, columns and all exotic types.

Monuments

1870-1900 — Zinc

1900 to present — granite is now common.

Information Wanted

Mrs. Elaine Willhite, 1822 Collyer Street, Longmont, CO 80501, is seeking information about Jamesons — Helen Kate, Emma, May and Jenny. Married names are not known; their brothers were Bert and Guy.

Malcolm Baker, 775 Gateway

Drive SE, Apt. 203, Leesburg, VA 22075, is searching for information on Simon Lewis Baker, who died at Lorah April 2, 1895. His wife's maiden name was Louisa B. Wallace and she was the daughter of Robert and Mary Fox Wallace. Also needs information about George Lewis, who is buried at the Wiota Cemetery.

Marjorie Jeffers, Box 1326, Prescott, AZ 86302, is seeking correspondence with decendants of Peter Lohse who had two daughters, Minnie Drenner and Emma Lohse; Minnie Lohse Drenner and James Drenner; George W. Gerlack and Emma Lohse Gerlack; William Meyer and Anna Wohlenhaus Meyer.

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Company K – 50 Years Ago

By Gene Mallette
Of Atlantic

Company K On The Move

Oh, how fast those few days went by for Company K, when most anyone could have a pass any time that they wanted one. Then not doing any training either.

It all was just too good to last. The end of the good times in Knutsford were coming to an end. Dec. 20, 1942, orders came down from headquarters (HQ) that there were to be no more passes and all equipment crated, with shipping numbers on it ready to ship out.

Another move was at hand and the vacation was over and back to business as usual.

Three days after the "no pass" order came down, they were back in the Knutsford rail station on another troop train and were headed for a port of embarkation, but the men were not sure where the destination might be.

The troop train went west and bypassed the city of Manchester and went on to Liverpool and into the dock area to load onto another ship.

This time the ship was the Empress of Australia. It was the same waiting game, to wait until their name was called and checked off the "boarding list." They were then free to up the gang plank with all their equipment and barracks bag.

After making it up to the deck they pulled, carried and pushed everything below decks to where their assigned quarters were. Then stow it all away so they would at least be able to move around a bit.

The Co. K men were some of the first troops to go on board the Empress of Australia. She was about 20,000 tons and was able to have a good many troops, possibly 2,000 or 3,000 of them.

All English troop ships seem to smell the same — not good. Some of the men had been on only English ships so they didn't know any difference.

The loading went on for three days. The ship was still tied to the pier and the men were wondering when they would finally be loaded and on the way.

The rations on the ship, were, of course, English and all of the

Americans thought they were terrible and ate as few of them as possible. The remark was made that the English rations were only a little better than starving.

The canteen on the ship was a life saver for many. There they could buy some apples or oranges, cookies, candy bars, etc. Finally the Empress of Australia was loaded and it just happened to be Christmas morning.

All were very pleasantly surprised at noon when they were fed a very fine Christmas dinner. A big turkey dinner (and it was well cooked for a change) with dressing, cranberries, some fresh fruit, some very good English pudding and last, but not least, some ice cream! No one could remember of ever getting a better meal on a troop ship.

Most could have eaten another "round" of everything, but it was sufficient since they were not marching or anything like that but just laying around waiting to see what would happen next.

After such a good Christmas dinner the men were starting to wonder what might come their way next. They did not have to wait very long.

The announcement came over the PA system that some mail had just been brought aboard for the troops that had just loaded the past few days. There was a little mail for some of the Co. K men, but it did not amount to very much. By this time the ship had pulled away from the pier and into the estuary and dropped anchors, waiting for orders to be on the move again.

About the middle afternoon Christmas Day there was a blast from the whistle of the convoy flagship. The anchor chains of the ships that would be leaving Liverpool harbor started coming up and they got into a single file so that they could go through the lock system of the harbor out into the Irish Sea.



View Of The Harbor At Liverpool, England

The city of Liverpool, England, is where members of Company K and other American troops arrived to board the Empress of Australia. The loading process lasted for about three days and on Christmas afternoon in 1942 the anchor came up and the many ships in the harbor went out single file through a lock system to the open sea to form a convoy. The ship which Gene Mallette and others boarded is not shown in this picture, however. The Empress was a German-built ship and was scheduled to be the royal yacht for the German kaiser. It was completed in 1916 and ceded to Great Britain in 1919. It was sold to a Canadian line in 1922, taking on a new name at that time. The ship was sold for scrap iron in 1952. (Photo furnished)

The system of locks kept the water level up so that when the tide was down the ships were still able to leave the harbor. Some ships were already at sea just waiting for those to come out from Liverpool.

They all took their predetermined positions in the convoy as they all started to move in a westerly direction. A short time later the direction changed to the north west. This north westerly movement brought a lot of questions and speculations.

That evening, just at dusk, if a person was out on deck they could see Ireland over the port bow and over the starboard was Scotland.

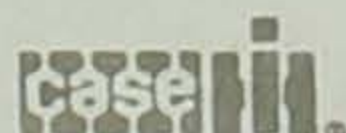
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- 1983 Chevy S-20 Blazer 4x2, V-6, 4-speed, air, tilt, cassette, wheels, good condition!

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'Wake Up America' Report From National Study On Sleep Disorders

The National Commission on Sleep Disorders Research has issued a two-year report to Congress called "Wake Up America: A National Sleep Alert."

The report is full of eye-opening facts about the effect of sleep deprivation on all our lives, the commission reports.

Some examples are:

— One-third of all American adults are affected by a range of sleep disorders and disturbances.

— Forty million adults suffer from a specific sleep disorder, such as sleep apnea, narcolepsy or severe clinical insomnia.

— An additional 20 to 30 million experience intermittent sleep-related problems.

— Overwhelming evidence suggests that the vast majority of Americans with sleep disorders remain undiagnosed and untreated.

— Sleep disorders and disturbances may affect over half of all persons age 65 and older.

Sleep commission findings note the cost of a sleepy society ranges from family dysfunction to fatality.

Lost lives, lost income, disability, lost educational opportunities, accidents and family dysfunction are among the results of sleep deprivation. The effect on the quality of life for millions of individuals and families is incalculable. The Commission estimates that, in 1990, sleep disorders and sleepiness cost the United States a minimum of \$15.9 billion in direct costs alone. This estimate does not include the billions of dollars in indirect and related costs, such as those attributable to sleep-related tragedies. These include the Exxon Valdez grounding, countless motor vehicle accidents, and diminished productivity in the workplace.

Tired drivers are a major cause of highway fatalities. According to the commission's report, performance decrements due to sleepiness have been cited in reports about countless accidents.

Examination of single-vehicle,

fatal-to-the-driver truck accidents (not due to alcohol, drugs or road conditions) showed that accidents are most common during the sleep phase of the circadian alertness rhythm.

The National Highway Transportation Safety Administration's Office of Crash Avoidance Research (NHTSA) has said of the accidents reported to the police each year, driver fatigue or drowsiness is cited as a factor in 72,000 of them. NHTSA believes that the number of accidents caused by driver fatigue is actually much higher, but many people are simply unwilling to blame sleepiness for the accident. The Commission Report suggests that driver-fatigue or drowsiness related accidents may be as high as 200,000.

Sleep disorders "attack" America: Forty million people are chronically ill with various sleep disorders; an additional 20 million to 30 million experience intermittent sleep-related problems. Sleep apnea alone is the cause of excessive daytime sleepiness experienced by over 10 million Americans. To place the disorder in perspective, in the adult population sleep apnea is more common than asthma. For some, a sleep disorder can be a mere distraction to daily life. For others a sleep disorder can be potentially fatal. Sleep apnea, for example, can obstruct nighttime breathing for extended periods of time and eventually cause death. The first step to remedy a sleep disorder is an accurate diagnosis by a sleep disorders

The commission's recommendations to wake up America:

1. Establish a National Center for research and education on sleep and sleep disorders to be housed within the National Institutes of Health (NIH).

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2. Strengthen federal support for basic, clinical epidemiological health services and prevention research on sleep and sleep disorders.

3. Establish specific offices on sleep and sleep disorders within all federal departments and agencies whose programs affect or are affected by issues of sleep.

4. Direct substantially increased levels of federal support to sleep and sleep disorder research training and career development opportunities.

5. Encourage and support broader awareness of, and training in, sleep and sleep disorders in all health care professions, particularly at the primary care level.

6. Re-educate America through a major public awareness/education campaign about sleep and sleep disorders, to be undertaken immediately by the federal government.

The Better Sleep Council's predictions for the future of sleep: As sleep becomes a major health issue, Nancy Butler, director of the Better Sleep Council, predicts these changes as we move closer to the year 2000: Stricter laws on sleep related highway accidents, altered shifts for police work, legislation stepped up for sleep research, more probing questions about sleep patterns at your annual medical examination, concern about the quality and condition of mattresses, a surge in the number of sleep disorder centers in the United States and Canada and, perhaps, a sleep education class at a local high school.

Tips For Having Better Sleep

Experts estimate that most people sleep 60-90 minutes less each night than they should and a recent survey revealed that working mothers of children under age 3 sleep an average of 35 minutes less a night than their husbands do.

According to Working Mother magazine, this loss of sleep can interfere with the ability to think creatively and can damage the ability to perform everyday tasks.

People who are experiencing this lack of sleep should try to remedy the situation by improving their

sleep habits.

Here are a few tips from the Better Sleep Council:

Exercise 30 minutes a day, three times a week, but not too close to bed time.

Cut caffeine out of your evening routine.

Skip alcoholic nightcaps.

Make sure your bed is giving you the comfort and support you deserve. Leave your troubles and worries out of bed.

Make sure your mind is clear when your heads hits the pillow.

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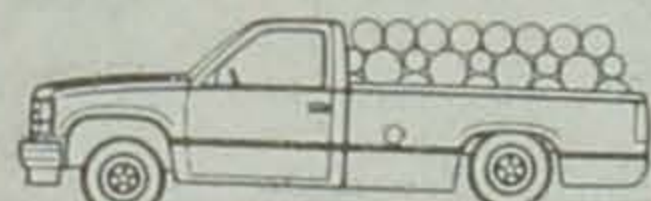


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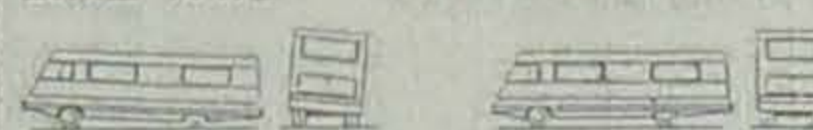
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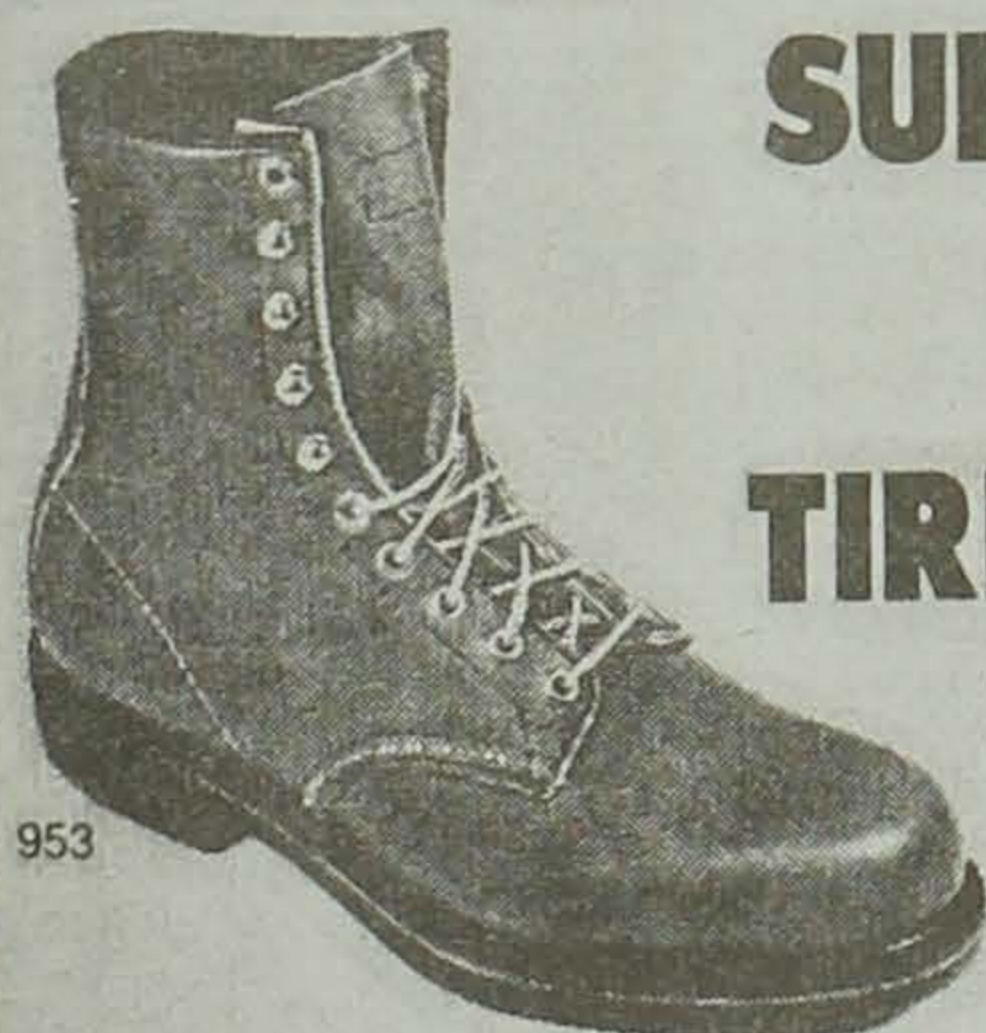
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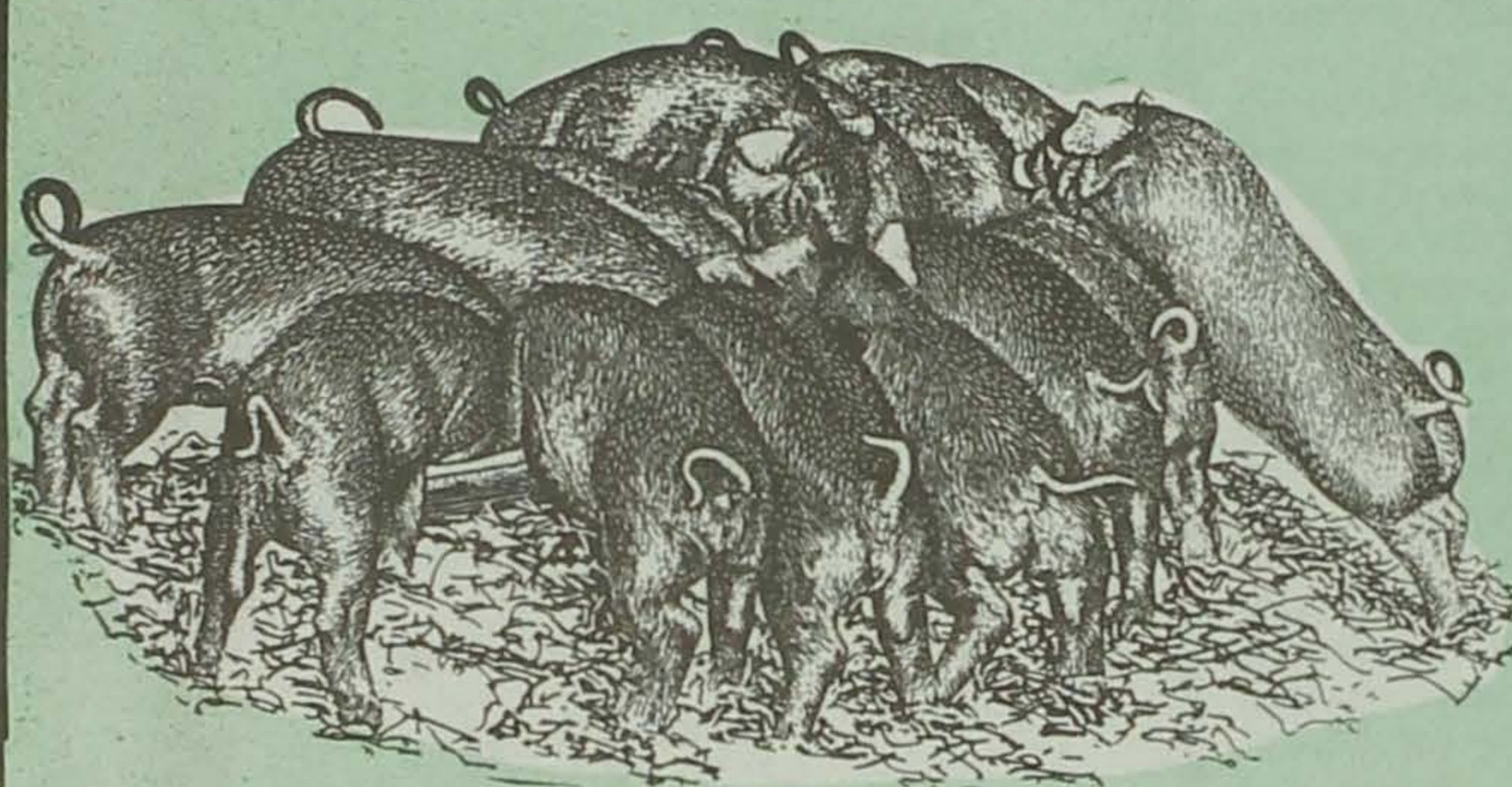
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You Can Only Get These Products In One Place. On Your Farm.



A good pig starter should do more than just get the pigs started eating. It should meet the young pig's genetic potential to gain quickly and efficiently, and build a nutritional foundation that carries over all the way to market. **2-W Weaner** and **Pre-Weaner** starts them eating at just a few days old. **Weaner Supreme** draws on milk products for palatability and digestibility. **Nursery Supreme** is an excellent choice for taking pigs to 40 pounds; **Baby Pig Supplement** and **Weaner Mix** give you high palatability and performance with the economy of a grind and mix diet.

Give us a call when you're ready to try 4x4 feeds, or whenever you want us to help you evaluate your results.



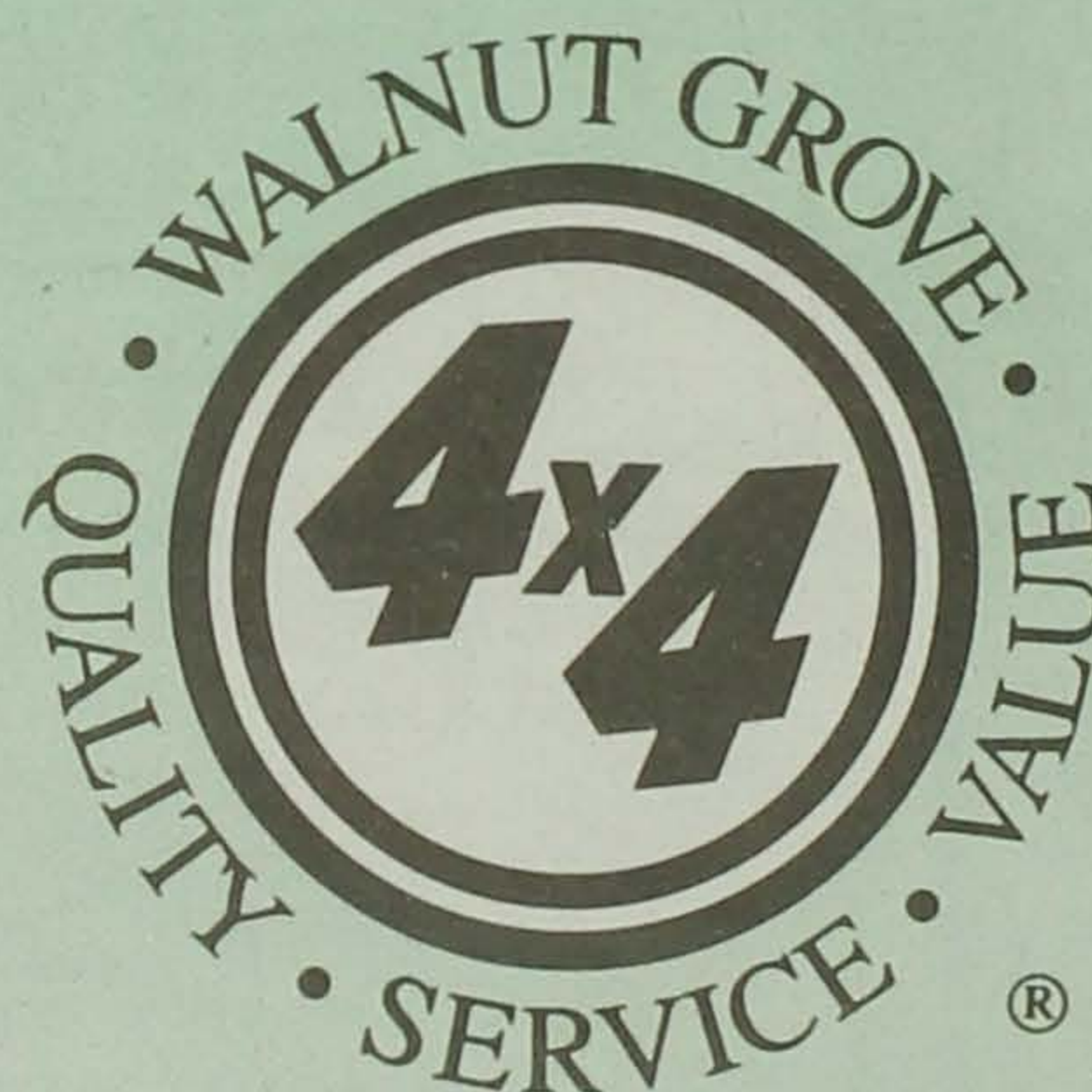
Bill Bonar
Council Bluffs



Charles Kinen
Atlantic



Merrill Heard
Tabor



243-1030



Steve Lewis
Lewis



Chuck Sievers
Atlantic



Dallas Purdy
Greenfield



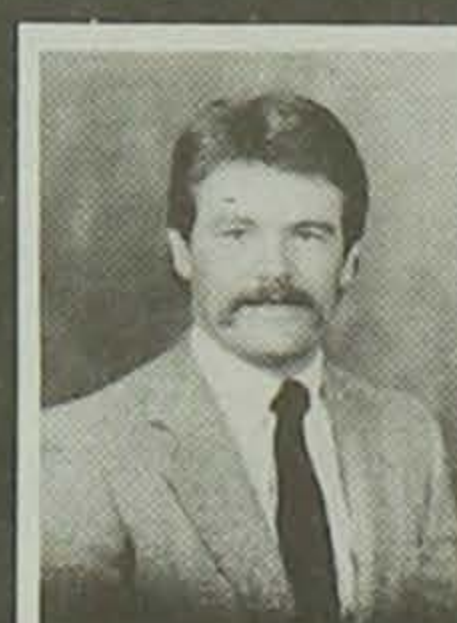
Rick Johnson
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