

Michigan Farm News

Vol. XXX, No. 7

JULY 1, 1952

30th Year

Published Monthly

Send All Reapportionment Petitions by July 1

EDITORIAL

Reapportionment is the Issue

One of two things is going to happen:

1—Michigan will continue to have legislature with a fair balance of representation for the people of the Detroit area and for the people out-state.

2—Michigan will have an unbalanced legislature with practical control by a labor group.

The CIO (Michigan Committee for Representative Government) has insisted upon a constitutional amendment to reapportion both the Senate and the House strictly on a basis of population. This is a bid for control of the legislature for four counties. CIO has its greatest membership there.

If you wish to have a fair and balanced reapportionment of the legislature, sign the petition being circulated by the Michigan Committee for a Balanced Legislature.

It provides for representation in the Senate in part according to geographical areas as at present and representation in the House based upon population. This is the system of balance used in the Senate and House of Congress.

President and Taft-Hartley Act

President Truman has made it plain that the last thing he wants to do is to invoke the Taft-Hartley Act for a settlement of the steel strike.

After the Supreme Court had ruled against him in the seizure of the steel mills, he asked Congress for new powers. Congress pointed to the Taft-Hartley Act.

Congressman Blackney of Michigan tells us that the President has used the Taft-Hartley Act nine times, and in each instance a strike settlement satisfactory to both sides was reached.

Mr. Truman used the Act to bring to an end these labor disputes: atomic energy strike, March, 1948; meat packing, March, 1948; long distance telephone, May, 1948; coal (three times), April and June, 1948 and February, 1950; ocean shipping strikes June and August, 1948; copper strike, August, 1951.

May Build Second Fertilizer Plant

Farm Bureau Services is considering the building of a second fertilizer manufacturing plant soon.

Services also wishes to aid in the development of the phosphate property in southeastern Idaho which is owned by 15 large farm co-operatives that manufacture fertilizers.

A meeting has been called at Reo club house at 1331 South Washington Ave., Lansing, July 2 at 1 p. m. to consider these projects and the advisability of proceeding with them now.

Invited to the meeting are County Farm Bureau leaders and members, the managers, directors and stockholders of co-operatives and other distributors who work with Farm Bureau Services.

Ben Pattison will present the purposes of the meeting. Fred Harger, manager of the fertilizer division for FBS, will speak on Future Fertilizer Problems in Michigan. J. F. Yaeger, manager of FBS, will speak on The Road Ahead for Services.

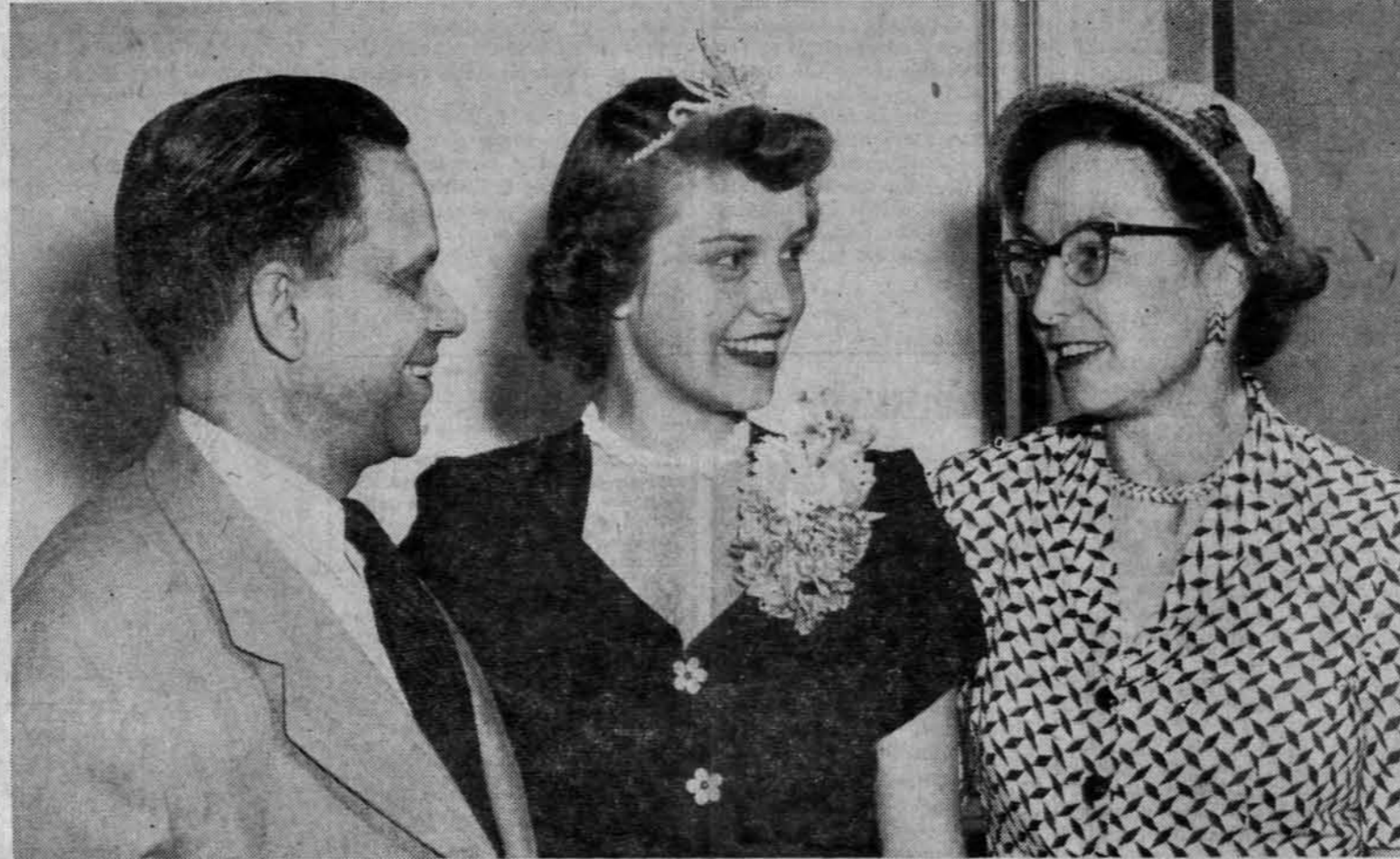
MICHIGAN farmers are using 500,000 tons of fertilizers a year. Farm Bureau Services is manufacturing 50,000 tons each year at its Saginaw plant, built in 1948. Demand for Farm Bureau's high analysis fertilizer is beyond the capacity of the Saginaw plant. It is believed that Farm Bureau could increase its tonnage to 100,000 annually or 20% of the state needs, and effect important transportation savings with another plant located in southwestern Michigan.

demand a high analysis phosphate. Phosphate deposits have been held largely by other people who make fertilizers. Farm co-operatives manufacturing fertilizers know they should have their own source of phosphate and make the analysis they need. So 15 state-wide co-operatives, acting as the Central Farmers Co-operative, have purchased 2,000 acres of rich phosphate land in Georgetown Canyon, Idaho. They are in the process of developing the property as a mining and manufacturing project for the production of high analysis phosphate.

Care of Roses

A comprehensive booklet on rose care, published by All-American Rose Selections, may be had by sending your name and address with a three-cent stamp to All-American Rose Selections, Room 3007, 630 Fifth Avenue, New York 20, New York.

Michigan's Dairy Queen for 1952



MOTHER and Dad were quite proud when Patricia Powell, 18, was crowned Queen of Michigan's Dairy Industry. Patricia is the daughter of Mr. and Mrs. Stanley Powell of Ionia, R-1. She began her reign during June Dairy Month and will continue throughout the year at dairy functions in Michigan. Miss Powell is an outstanding 4-H club girl. She completed 30 projects in eight years of work and has raised several head of dairy animals. She was graduated this spring from Ionia high school where she was active in student affairs. Miss Powell will enter Michigan State College in September.

Brody Asks Aid on Trucking Act

C. L. Brody, executive secretary of the Michigan Farm Bureau, has asked Michigan Congressmen to help keep the farm commodities exemption in the federal motor carrier act.

A bill S-2357 now before Congress proposed to repeal agr'l exemptions. It would have placed all for-hire trucks hauling farm commodities under regulation from Washington as to routes and rates in interstate commerce.

The bill was amended in the Senate to say that the agr'l exemptions now in the Act should not be narrowed or terminated. Mr. Brody asked that the House accept the Senate bill as amended.

Lawn Mower

Set your lawn mower so it does not cut grass shorter than one and a half inches. If you cut away too much leaf surface, the grass cannot manufacture food for new growth.

Quality roses will be in full bloom until early frost, a development of modern hybridizing.

St. Johns Rotary Honors Mrs. Fox

Mrs. Leona Algae Fox has been county organization director for Clinton County Farm Bureau the past four years. She was married recently and is leaving the work July 28.

Early in June 60 members of St. Johns Rotary club honored her at a dinner meeting for five service to the Farm Bureau and to the community. One of her interests is Blue Cross. One speaker said there are 7,000 per-

sons in the Clinton County Farm Bureau who have Blue Cross hospitalization insurance.

Lawn Weeds

The quick easy way to rid your lawn of broad leaf plants is spraying with 2,4-D weed killers. But be careful the spray drift does not get on shrubs, trees and flowers.

Protection

For a lot of protection at little cost, keep a portable fire extinguisher on every tractor, Michigan State College safety specialists urge.

Four Plans for Reapportionment and Who is Sponsoring Proposals

APPORTIONMENT PLAN	No. of SENATE SEATS	Basis of Senate Districts	No. of HOUSE SEATS	Basis of House Districts	Moieity in House	Detroit House Districts	No. of Wayne CO. SEATS Sen. House	Reapportionment made by
PRESENT CONSTITUTION Makes these provisions for reapportionment of the Legislature	32	ELECTED BY DISTRICTS. "Re-arranged" by Legislature. Constitution does not indicate basis of "Re-arrangement."	Not less than 64 nor more than 100	ELECTED BY DISTRICTS. based on population. Reapportioned each 10th year ending in "3." Last reapportionment in 1943.	Yes, but not completely clear.	21 seats all elected at large on "Bedsheet Ballot"	7 27	LEGISLATURE
Michigan Committee for a BALANCED LEGISLATURE Proposal sponsored by citizens' groups, including Farm Bureau, Grange	34	AREA & POP. Described districts—23 out-state districts would be unchanged; two would be split into 4; the 7 Wayne County & 2 Kent County Districts would be equalized within the Co.	Not less than 100 not more than 110	ELECTED BY DISTRICTS. on pop. basis.	Retained and clarified	DIVIDED INTO DISTRICTS. of not less than 2 nor more than 3 seats per district.	7 38	BOARD OF CANVASSERS if Legislature fails to do so in limited time.
Committee to ENFORCE CONSTITUTIONAL REAPPORTIONMENT Proposal sponsored by American Federation of Labor in Michigan	32	POPULATION ONLY	64 to 100	POPULATION ONLY.	Retained	All elected AT LARGE	12 31	SECRETARY OF STATE
Michigan Committee for REPRESENTATIVE GOVERNMENT Proposal sponsored by CIO in Michigan	33	POP. ONLY Would divide counties if necessary to create districts with not less than 85% or over 115% of ratio. Divide pop. by 33.	99	POP. — Three House seats in each Senate district.	House districts must be not less than 85% nor more than 115% of ratio (i. e. Population by 99)	3 MEMBER DISTRICTS. by Senatorial districts.	12 36	SECRETARY OF STATE
DETROIT TEACHERS ASS'N proposal	36	POP.—2 for each Congressional district.	108	POP. — 6 for each Congressional district.	None	3 MEMBER DISTRICTS.	12 36	SECRETARY OF STATE

DELEGATES TO CONSTITUTIONAL CONVENTIONS are elected in relationship to Senate seats, 3 from each Senatorial District. *Newspapers say A. F. of L. has abandoned its proposal and is supporting C. I. O. proposal.

Well on Way to 250,000 Signatures

All persons circulating petitions for the reapportionment amendment proposed by the Michigan Committee for a Balanced Legislature should do everything these last few days to build up the total of signatures.

We are well on the way to our goal of 250,000 signatures.

As this is written June 26, petition signatures are coming daily by the thousands from all parts of the state. This must continue.

Last date for the Committee to file the petitions with the Secretary of State at Lansing is Thursday afternoon, July 3.

Mail July 1. Every circulator is urged to mail signed petitions to the Michigan Committee for a Balanced Legislature, PO Box 1296, Lansing, not later than July 1.

Use First Class Mail. Mail at post office to assure delivery at Lansing on or before July 3.

After July 1, circulators are urged to bring additional signed petitions to the Michigan Farm Bureau, 221 North Cedar Street, Lansing, up to noon, Thursday, July 3.

Your MFB district representative will be coming to Lansing early Wednesday, July 2.

Every additional signature secured in these final days is important. It may be the margin of victory in this project.

We must be certain of having at least 190,000 signatures certified by the Secretary of State as correct in every detail. This must be done in order to place on the November ballot the constitutional amendment for reapportionment of the legislature as proposed by the Michigan Committee for a Balanced Legislature.

County Farm Bureaus are doing a wonderful job in securing signatures. June 26th 22 of them had exceeded their goals and were continuing with the work. Many others were close.

Every County Farm Bureau has responded with batches of signed petitions. Allegan County Farm Bureau turned in 5,000 signatures. Arenac County Farm Bureau has almost tripled its quota for signatures. In one township there every registered voter but one signed our petition.

The Grange, the State Ass'n of Supervisors, and scores of civic, business and other groups have been doing a fine job on the petitions.

Citizens groups in Wayne county are turning in thousands of signatures from the county and from Detroit for the proposal for a balanced legislature.

All of this good work will be of no value unless we secure sufficient signatures to make sure this proposal will be on the ballot in November. Your help is still needed!

Price and Wage Controls Wobbling

June 25 the House of Congress voted to end all price and wage controls July 31.

The vote was 118 to 87. Less than half the House was present at a time when price and wage control legislation section of the defense production bill was being considered.

THIS VOTE and others in the House to end price and wage controls are subject to final roll calls.

Unless the House and Senate extend price and wage controls, the legislation will expire June 30.

ADMINISTRATION forces are determined upon continuing price and wage controls for a year or more if they can hold their lines in Congress.

The Senate has voted an extension of price, wage, and rent controls until March 1, 1953.

The administration forces will try to get the price and wage control program restored in the final vote in the House.

THE HOUSE banking and currency committee has been under fire from the Farm Bureau, the Grange, business and economists for containing price and wage controls. Also, for an amendment to force price support, at 90% of parity for basic farm commodities. These are wheat, corn, cotton, tobacco and rice.

"POLITICS, not economics, influence the request for price control extension," said Earl Butz, agr'l economist at Purdue university.

"High mandatory support prices are a trap to bring farmers under tight government controls," AFBF president Allan Kline told the House agriculture committee.

C. L. BRODY, executive secretary of the Michigan Farm Bureau, urged all Michigan Congressmen to support amendments by Congressmen Talle and Cole to terminate price and wage controls.

Mr. Brody told Michigan's Senators and Congressmen that the Michigan Farm Bureau is opposed to the Senate accepting the House banking and currency defense production bill.

"We urge Congress to continue without change the flexible price support provisions of the Agr'l Act of 1949, and to discontinue the dual parity formula.

"Price and wage controls, and 90% mandatory price supports for farm commodities are socialistic procedures. They take away the initiative of American farmers. They steal the freedom of producers and consumers."

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Look for nylon fabrics made to appear like linen, shantung and batiste. Also on the market now is nylon tricot with floral prints suitable for dressmaking.

Michigan Farm News

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Einar Ungren Editor

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Michigan Farm Bureau

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PURPOSE OF FARM BUREAU The purpose of this Association shall be the advancement of our members' interests educationally, legislatively, and economically.



HURON and MARTHA Morning

In the morning; in the garden; in this present Year of Grace; In the summer; here on Hicks Street is a lovely time and place For the quiet contemplation of the privilege that is ours In the homely cultivation of these vegetables and flowers. It makes me glad, yet humble too, for well enough I know That it's only my Creator makes the various plants to grow, And if the flowers are lovely it is God who makes them so.

I rejoice, and so does Marthy, in the newness of the day Before the sun gets up too high and whiffs the mist away While yet the sparkling dew is on the foliage and the fence And all the world is born anew in peace and confidence. We like the sense of hope renewed that early morning bears When sleep washed minds and souls refreshed have undergone repairs When worship seems the natural thing, in which all Nature shares.

In the morning in the garden is the time to wield the hoe With that individual touch for every plant in every row, To conserve the dews of evening as against the noonday sun And to feed our hearts on birdsongs while the day is just begun. Every robin chirps God's glory, every flower bespeaks His grace And we are tiny partners, in our wink of time and space, In the Lord's great growing program, here, before His shining Face.

R. S. Clark 315 North Grinnell Street Jackson, Michigan

hull, Rush Twp. St. Clair—Casco, Memphis, Wales. St. Joseph—Florence, Friendly Neighbors. Tuscola—Dayton, Elmwood, Fairgrove, Fremont. Washtenaw—Dexter, East Augusta. Washtenaw—Lo-Field, North Selo, Tri-Township, Worden. Wayne—Fourtowns. Wexford—Boon.

Chickens need large amounts of fresh water during warm weather. Store electrical cords and appliances in a dry and reasonably cool place.

HAIL INSURANCE On Farm and Garden Crops

We have been protecting Michigan farmers against costly crop damage by hail storms since 1911. For full details write us or see your nearest agent. Agents wanted in some territories.

MICHIGAN MUTUAL HAIL Insurance Company 414 MUTUAL BLDG., 208 N. CAPITOL AVE., LANSING, MICH.

Respect for Law Is a Personal Need

MRS. EDITH M. WAGAR Briar Hill Farm, Carleton, Mich.

What's this world coming to anyway? It didn't used to be like this!

We must remember that there have been many more extraordinary changes in the past generation. Some of them have come much faster than the general public has been able to accept them.



FOR CENTURIES very few Americans knew anything at all about Asia or Africa or even South America. We can put most of Europe in the same category.

Until recent years it took a long time to hear of sensational news from distant countries. The shock and novelty of anything unusual happening outside of our own country was old and becoming adjusted before we realized what was going on.

The airplane shrank the world quickly. Twenty-five years ago Charles Lindbergh made his daring trip across the Atlantic. We became a neighbor to Europe overnight.

NO COUNTRY can run just by having laws on the statute books, we must have officials familiar with them and willing to enforce them. But laws are almost meaningless unless the people themselves are law abiding.

Get Ready for July-Aug. Seedings

Mid-July and August seedings of alfalfa and brome grass, or June clover, or Ladino clover, or birdsfoot trefoil will do well and provide good pasture or hay crop the next season. Provide good, firm seed bed. Lime for alfalfa if needed. Alfalfa, clovers and trefoil seed should be inoculated for good results.

We Recommend These Varieties ALFALFA—Farm Bureau winter hardy Ranger or Ladak for long rotations. For slopes subject to erosion. For permanent pastures. Farm Bureau winter hardy Grimm, Variegated, or Common for short rotations. BROME—Farm Bureau's Canadian No. 1 Brome for winter hardiness and vigor. JUNE CLOVER—Farm Bureau Brand Michigan grown seed. LADINO—Farm Bureau's certified Ladino clover. BIRDSFOOT TREFOIL—Farm Bureau Brand broad leaf Italian variety.

Pasture and Hay Mixtures PASTURE MIXES, Per Acre No. 1—2 lbs. birdsfoot trefoil, 1 lb. ladino, 5 lbs. alfalfa, 3 lbs. brome, 2 lbs. June clover. No. 2—1 lb. ladino, 7 lbs. alfalfa, 3 lbs. brome. No. 3—3 lbs. brome, 7 lbs. alfalfa, 2 lbs. June clover, 1 lb. alsike. No. 4—2 lbs. orchardgrass, 3 lbs. alsike, 3 lbs. June clover, 1 lb. ladino, 3 lbs. alfalfa. No. 5, Low Land—3 lbs. alsike, 5 lbs. Needs Canary grass, 3 lbs. red top, 2 lbs. birdsfoot trefoil. HAY MIXES, Per Acre No. 1—8 lbs. alfalfa, 3 lbs. brome. No. 2—7 lbs. alfalfa, 1 lb. ladino, 3 lbs. brome. No. 3—8 lbs. June clover, 1 lb. ladino, 3 lbs. timothy. No. 4—2 lbs. timothy, 3 lbs. brome, 6 lbs. alfalfa, 2 lbs. June clover. No. 5—6 lbs. alfalfa, 1 lb. alsike, 2 lbs. birdsfoot trefoil, 3 lbs. brome. No. 6, Low Land—3 lbs. red top, 2 lbs. birdsfoot trefoil, 2 lbs. timothy, 2 lbs. alsike.

Available at all Farm Bureau Seed Dealers FARM BUREAU SERVICES SEED DEPT., LANSING, MICH.

avoidable expense. When children mar or destroy school property, etc., it means needless expense. I would eliminate the manufacture to toy guns as not conducive to good citizenship. I would advocate not more laws but the enforcement of those we have. We must prove to ourselves that our laws apply to everyone.

CITIZENS should give more thought to the qualifications of candidates for office regardless of party. After election the officers elected should devote full time to the duties of their office. While we have plenty of state officials already, I would ask for another who would serve as social representative of our state government. His duties would be to crown queens, represent the state at dedications, anniversaries, parades and all other social functions of public nature.

TO BE an officer of the state of Michigan and tend to the business as it should be done is an all time job these days. No official can familiarize himself with the details of his executive position and be absent much of the time.

These Dates Are Important July 7—Last day for registration for August 5 primary election. Aug. 2—Last day for absent voters to make application for ballot for August 5 primary (2 p. m.). Aug. 5—Primary election. Aug. 21—First day for making application for absent voters ballot for November general election. Oct. 6—Last day for registration for November election. Nov. 1—Last day for absent voters to apply for ballot. Nov. 4—General election.

Community Farm Bureau Activities

MRS. MARJORIE GARDNER

STAR AWARDS Gold Star—County Center Community Farm Bureau, Kalamazoo County, Mrs. Rupert Smith, secretary. Silver Star—Maple Leaf, Northwest Michigan, Mrs. Charles LaBatt, secy. Silver Star—Cedar Creek, Muskegon, Mrs. Lawrence Obenauf, secy.

Dear Community Farm Bureau Members: With the beginning of the summer months the organization of new Community Farm Bureau groups gradually decreases. Last month two new groups were added. These were: Frankenthum Ice Breakers, Saginaw county; and County Line, Saginaw county. This brings our total number of Community Farm Bureaus to 1148 with the organization of 92 new groups over last year. The Community Farm Bureau year is three-fourths over. There is a surprisingly large number of Community Farm Bureau groups which are eligible for the Certificate of Merit for the twelve-months' period if they continue meeting and holding conclusions during the summer months. We are listing these groups below not only for recognition for the fine program they have carried on but to stimulate summer activity and keep these records perfect. Last year we issued only 66 Certificates of Merit. If all of these groups keep up their record, we will more than double this performance this year.

Total Eligible Groups—256: District 1.....8 District 2.....22 District 3.....27 District 4.....22 District 5.....38 District 6.....11 District 7.....11 District 8.....11 District 9.....11 District 10.....33 High District, District 6; High County, Huron 30; Second High County, Clinton 16. Honorable Mentions for the month of May are: Saginaw-Kochville Community Farm Bureau, Saginaw County, Mrs. George Marti, secretary; Fremont, Saginaw, Mrs. Mary Spiker, secy. GROUPS eligible for the Certificate of Merit up to June 10 include: Alcona—East Bay, Haynes 1, Kiondyke, Spruce, Talts Road. Allegan—Hamilton. Alpena—Bolton, Briar Hill, Cathro, Evergreen, Long Lake, Long Rapids, Poland, Spratt. Antrim—Ellsworth. Barry—Hendershot, Highbank, N E Castleton, North Hastings, N E Downing, N W Assyria, South Carleton, Woodland. Bay—Williams. Benzie—Blaine-Joyfield, Inland. Berrien—Baroda, Bedinger, Gallen. Branch—Coldwater. Charlevoix—Barnard. Cheboygan—Alverno, Black River, Crump Settlement, Meyers Creek, Riggsville Co-op. Clinton—Bengal 1, Center Line, Clinton Gr. River, Dallas 1, Eagle Westphalia, East Bath, East Essex, North Duplain, Olive 2, Prairie, Riley Center. Clinton—South Watertown, Stoney Creek, Victor 1, Watertown Center, West Eagle. Calhoun—Albion 2, Convis, Duck Lake, East Homer, Fredonia, North Athens. Eaton—Center Eaton, East Benton, East Chester, East Delta, N E Roxand, North Eaton, Corners, N W Carmel, North Windsor, West Oneda, Windsor 1. Emmet—Top-O-Michigan. Genesee—Atlas, B-Square, Gaines, S W Richfield, S W Davison. Gladwin—Busy Beavers, Daisy Hill, Gratiot—Bethany, Emerson, New Haven, N W Gratiot, Pine River. Hillsdale—Northwest, Wheatland. Huron—Bach, Beach, Berne, Bingham, Blue Water, Caseville, Central Brookfield, Elm Creek, Fores Bay, Friendly Neighbors, Grant, Halfway, Helena, Kilmanagh, Lake Shore, Lighthouse, Limerick, Mud Creek, N W Lakeside, Port Austin, Sheridan, Sigel Bloomfield, South Brookfield, Turner, Verona, West Huron, West Oliver, Willow Creek. Ingham—Dexter Trail, Leslie, West Columbia, Wilson. Ionia—Easton, Howell, Orange, Sherman. Isabella—Broomfield, Bloomfield Center, Coldwater, East Gilmore, South Roland, Walton. Jackson—Concord, Hanover-Horton, Star Jackson, Tompkins. Kalamazoo—Go-You-Go, Pleasant Valley, Up & Coming. Kent—Dutton, Mapes, Snow, South Kent, Busy Corners. Leapee—Elba-Hadley, Marathon, S E Imlay. Lenawee—Britton, Irish Hills, Mason, Medina, Raisin-Palmira, Riga, Rome, Rome-Dover, Tecumseh-Raisin. Livingston—Chemung, Hamburg-Genova, Hartland Heights, Howell City Limits, N W County Line, Tyrone Hill, Unadilla, West Center, West Handy. Macomb—Davis, Meade, North Avenue, Orchard, Ray Center. Mason—Lincoln River. Mecosta—Barrity, Big Rapids 1, Big Rapids 2, Grant Center, Hawkins, Pogy. Midland—Homer Township, Hope, Lee, Mt. Haley. Missaukee—Aetna-Reeder, Blodgett, Merritt. Monroe—East Ida Farmers, Newport, Raisinville Center, Stoney Creek. Montcalm—Belvidere, Montcalm, Montcalm Progressive, Pine, Sidney. Montmorency—Big Rock, East East, Newaygo—Ashland, Beaver-Denver, Brookside. Northwest Michigan—Archie, Bingham Keswick, Grielickville, Isadore, Sunshine. Oakland—Rose Rustlers, White Lake. Oceana—Claybanks, Newfield. Ogemaw—Hauptman, Ogemaw Center, Pleasant Hill, Prescott, Rifle River, South Branch. Oscoda—Avondale, East Hersey, East Marion, Sears, S E Ewart, Townline. Ottawa—Curry, Forest Grove, Gitchel, Patchin. Presque Isle—Huron, Moltke, Pioneer, Swan River. Saginaw—Birch Run, Blumfield Buena Vista, Fremont, Maple Grove, Saginaw-Kochville, Thomas. Sanilac—Ball, Buel Center, Carsonville, Cash, Evergreen, Laing, Town Line, Watertown. Shiawassee—Antrim, Perry-Wood-

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Fruit Cobbler

Make a picnic dessert that is unusual and fun—fruit cobbler. Use coffee cans for making individual serving dishes. Put sweetened fruit in can and add dough. Cook over fire. Leave the cans in the rubbish barrel when you go.

Buy Farm Bureau quality feeds.

Dear Community Farm Bureau Members: With the beginning of the summer months the organization of new Community Farm Bureau groups gradually decreases. Last month two new groups were added. These were: Frankenthum Ice Breakers, Saginaw county; and County Line, Saginaw county. This brings our total number of Community Farm Bureaus to 1148 with the organization of 92 new groups over last year. The Community Farm Bureau year is three-fourths over. There is a surprisingly large number of Community Farm Bureau groups which are eligible for the Certificate of Merit for the twelve-months' period if they continue meeting and holding conclusions during the summer months. We are listing these groups below not only for recognition for the fine program they have carried on but to stimulate summer activity and keep these records perfect. Last year we issued only 66 Certificates of Merit. If all of these groups keep up their record, we will more than double this performance this year.

CLASSIFIED ADS

Classified advertisements are cash with order at the following rates: 8 cents per word for one edition. Ads to appear in two or more editions take the rate of 6 cents per word edition. These rates based on guarantee of 50,000 or more subscribers. They are members of the Michigan Farm Bureau. BINOCULARS FOR SALE—16x50 NAVAL sixteen power precision prism binoculars. Practically brand new. Finest leather case. Coated lenses, achromatic. Tremendous power. See for miles with them. Check on predatory animals. Originally cost \$25. Sacrifice \$5 on quick sale. Will send C. O. D. express with examination privilege to interested buyer if you pay postage. Ed Priest, Box 23, Evanston R-1, Illinois. (7-21-52p) WOMEN EMBROIDER Stamped Linens. Buy direct from manufacturer and save. Free 25-page catalog featuring designs for cutwork, applique, cross-stitch, crochet, etc., stamped on Seamless Tubing Pillow Cases, Scarfs, Luncheon Sets, Banquet Cloths, Show Towels, Baby Articles, etc. Write: Merrilee, Dept 911, 22 West 21st St., New York 10, N. Y. (7-9-52p) WANTED TO BUY WATCHES wanted. Any condition. Also broken jewelry, spectacles, dental gold, diamonds, silver. Cash sent promptly. Mail articles or write for free information. Lowe's, 50 Holland Bldg., 311 No. 7th St., St. Louis 1, Mo. (7-11-28p) NEW FREE 24-Page Sewing Book, "1952 Pattern Service for Sewing with Cotton Bags" tells how to make smart clothes and household items from thirty cotton sacks. See how you save container costs when you buy products in cotton! Send post card to National Cotton Council, Box 76, Memphis, Tennessee. (3-10-52b) MAPLE SYRUP PRODUCERS ORDERS placed in July for King Evaporators will be granted a substantial discount. We urge all producers of pure maple syrup to order sap boiling equipment now. Write for catalog and prices. Sugar Bush Supplies Co., P.O. Box 1107, Lansing 4, Michigan. (6-15-52b) AGENTS WANTED CASH IN on your spare time! Sell beautiful new Regal Christmas Greeting Cards and Gift Assortments. No experience necessary. Costs nothing to get started. Show wonderful samples to friends, relatives and neighbors. Merely take orders and pocket up to 100% profit. Write today for samples on approval. Regal Greetings, Dept. 16, Ferndale, Michigan. (7-31-52b4)

Advertisement for Orchard Brand Spray Materials. Includes image of a man looking thoughtful and a grid labeled '1952 SPRAY SCHEDULE'. Text: 'GROWERS-Solve Your Control Problems with these Dependable ORCHARD BRAND SPRAY MATERIALS The Right Product for Every Pest Problem'

- For Insect Control: GENITOX Spray Powders (contain 50% and 75% DDT) GENICOP Spray Powder (25% DDT-72% Basic Copper Sulfate) GENIATION Spray Powder (contains 15% Parathion) 25% DDD EMULSIFIABLE CONCENTRATE 50% DDD SPRAY POWDER 25% LINDANE SPRAY POWDER 50% METHOXYCHLOR SPRAY POWDER MALATHON EMULSIFIABLE CONCENTRATE 25% MALATHON WETTABLE SPRAY POWDER LEAD ARSENATE (Astringent, Standard and Basic) NICOTINE SULFATE, 40%
- For Disease Control: SPRAYCOP "Neutral" Copper Fungicides (contain 34% and 52% Metallic Copper Equivalent) DRITOMIC SULFUR (Sulfur for spraying) MICRO-DRITOMIC SULFUR (with particles of true micron fineness) FERBAM SPRAY POWDER ZIRAM SPRAY POWDER BORDEAUX MIXTURE *Reg. U. S. Pat. Off. (General Chemical Trade-Mark)
- For Preharvest Drop Control to Improve Fruit Size and Quality: STAFAS HORMONE SPRAY POWDER STA-SET PRE-HARVEST SPRAY For Weed and Brush Control: 2,4-D Weed Killers (Ester and Amine) 2,4,5-T BRUSH KILLER 2,4-D-2,4,5-T BRUSH KILLERS TCA SODIUM SALT (Liquid and Powder)



Our New Baby

Farm Bureau, through its Life Insurance Company, announces the newest thing in investment protection, the Farmer's Investment Protector It's more than INVESTMENT It's more than INSURANCE See the Farm Bureau Insurance Agent in Your County! FARM BUREAU LIFE INSURANCE OF MICHIGAN 507 South Grand Ave. Phone 4-4475 Lansing, Michigan A FARM BUREAU INSURANCE SERVICE

Better to Slow up Before You Are Laid up!

Howard Nugent

Mr. Howard Nugent, one of the most distinguished members of the Michigan Farm Bureau, died May 29 at Bad Axe at the age of 72. Mr. Nugent was born on a farm near Bad Axe and lived there all his life. He was a dairyman and a master farmer. Mr. Nugent became justice of peace at the age of 21 and for the remainder of his life was active in public affairs and in community and farm organizations. He was supervisor for 17 years. He was serving his 7th term in the legislature. He was first elected in 1934 and served until 1947. From 1939 to 1947 he was Speaker of the House. He retired for a few years, and was elected again in 1950. Mr. Nugent was active in county and state Farm Bureau affairs. His counsel was sought often.

FBS Dust Sales Growing

The Farm Bureau Services reports a steadily growing business in insecticide and fungicide dusts manufactured at its plant in Grand Rapids.

Wayne Lecureux, manager of the FBS fertilizer and insecticides dept., says Farm Bureau dust formulas are made in accordance with recommendations from Michigan State College, and other authorities.

Mixing equipment is new. It includes such features as a triple blending process to assure perfect blending of ingredients and free flowing dusts. A magnetic drum separates any metallic impurity from the finished product. The plant can produce one ton of dusts per hour.

Hamburger

For a variation on the hamburger theme, broil the meat topped with tomato slices that have been brushed with garlic butter.

Saving Tractor Fuel

Savings of 100 gallons of tractor fuel a year is worthwhile. MSC engineers say leaks and careless operation will waste that much.

209 FB Community Groups Say That

Don't get in a hurry. Slow up before you are laid up!" Farm Bureau men and women in 209 Community Farm Bureau groups have drawn upon observation and experience to make this recommendation to promote safety at home and in farm work.

Up to May 7 Community Farm Bureaus in 58 counties reported 189 farm accident cases for 1952 to the Michigan Farm Bureau for the Michigan Rural Safety Council.

There were 12 fatal accidents and 9 others resulted in permanent disabilities. There were 137 men and 52 women in the list. Falls and accidents with machinery were common. Haste and unsafe methods contributed to most of the accidents.

July 20 to 26 is farm safety week. We present in this article farm safety recommendations which have been made by men and women in 755 Community Farm Bureaus. We show the number of groups which have suggested a particular recommendation.

GENERAL RULES. Don't get in a hurry. Slow up before you are laid up (209 groups).

Do not work when over-tired on tractors and fast moving machinery (29 groups).

Think safety. Keep alert to dangers—123.

Do not tackle a heavy and dangerous job alone—4.

Plan a job, don't leave it to chance—13.

Teach safety practices to children—22.

Hold your temper!—10.

AT HOME. Keep buildings, steps, and floors in good repair—7.

Keep yards and buildings picked up. Clear out rubbish, hang up hand tools—80.

Have barns, alleys and yards well lighted. Keep stairways lighted—20.

Keep stairways and alleys clear—41.

Be careful about waxed floors and loose rugs—10.

Securely cover or fill old wells and cisterns. Cover hay chutes—3.

Destroy or repair weak ladders—19.

Do not use boxes and chairs as ladders—16.

Salt or sand icy paths, walks, steps, porches and roads—7.

Clear out all fire hazards—12.

Put handrails on stairs and steps—7.

Use rubber mats in the bathroom—2.

Label poisons and keep them out of reach of children—10.

Keep matches out of the reach of children—4.

Inspect stove pipes, chimneys,

etc., annually—5.

Turn down nails, pick up loose boards—6.

Paint bottom and top stairsteps white—6.

Keep fire extinguishers handy and check them regularly—4.

Store sharp knives and tools securely—1.

Never leave a loaded gun—3.

Fasten rope pulleys securely—1.

MACHINERY. Respect running machines and belts (25 groups).

Make machinery repairs as soon as they are needed—50.

Keep safety shields on power-take-off and other parts of machinery—95.

Always stop a machine to clear or repair it—72.

Study all safety directions for using machinery and obey them—62.

Properly label all danger points in machinery and in barns or yards—20.

Keep a guard on buzz saws—1.

Stop power-take-off before getting off tractor—5.

Don't drink alcoholic liquors and operate machines—3.

Don't put gasoline in a hot or running tractor—7.

Avoid loose clothing around moving machinery—14.

Handle that tractor carefully. Don't speed. Watch your ground, your turns and your slopes—15.

Take tractors out of gear before starting motors—1.

Don't leave machinery running unattended—2.

Don't ride on tractor drawbars—3.

Keep the fenders on your tractor, and do not ride on them—2.

Put a red tail light on your tractor—1.

ADVICE to machinery makers. Machinery should have more and stronger shields—10.

Improved safety instructions should accompany farm machinery—5.

Put a reverse gear on corn pickers so that clearing can be done safely—6.

ELECTRICAL. Do you leave open sockets where small fingers can get into them?—2.

Get rid of open knife switches—1.

Keep proper fuses in electrical circuits—25.

Check wiring regularly—10.

Electrical work should be done by a trained person—2.

Don't stand on damp surfaces and work with electricity—2.

FIRE. Properly label gasoline and fuel containers—5.

Never use improper containers for gasoline—3.

Always plan for caution with explosive fuels. Be safe—7.

Do not smoke around gasoline or around barns—4.

Don't start fires where you cannot control them—2.

KIDS. Keep small children off tractors and other equipment—22.

Have safety patrol children working at school bus stops—2.

Teach children caution in riding bikes on the highways—1.

GOOD SENSE. Use tools and machinery only for their intended purposes—5.

Make a safety inspection regularly. List the danger points to be corrected, and take care of them NOW! Don't put it off!—35.

Moths

The myth that newsprint will protect clothes from moth damage is just that—a myth. Garments placed in paper or zipper bags are effectively protected from moths only if every opening is completely sealed.

Hogs

Isolate newly-purchased hogs for a month before adding them to your herd. Sales barns and yards may be important sources of disease infection.

NW Women's Camp Sets New Record

235 women from 46 counties attended the 8th annual Farm Bureau women's camp at Twin Lakes June 10-12, a new record.

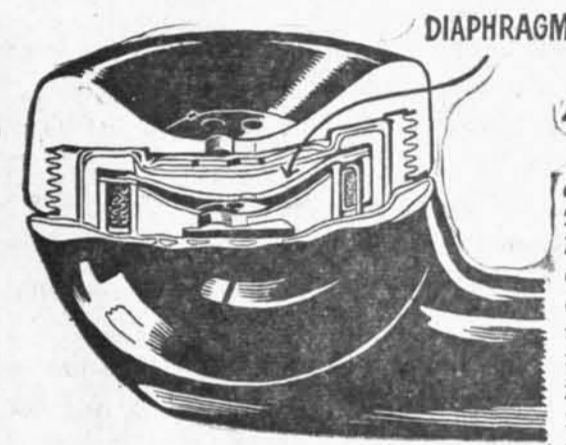
The camp was under the leadership of Mrs. L. F. Halvorsen of Cedar R-2 and her committee. Carl Nelson, editor of the Northwest Michigan Farm Bureau News, presented the theme "Keeping Our American Heritage." He said the American people can hold our American heritage if we have the will power to do so.

Congressman Charles E. Potter spoke on Communism versus Americanism. Mr. Potter said that since 1945 the U. S. has spent \$32 billion to fight communism. In his work on the Un-American Activities Committee, Mr. Potter said there is no power to prosecute those found guilty. In his opinion, investigation must be followed by punishment.

There was a splendid program of recreation in charge of Mrs. Marshall Foerch of Lansing.

Colored lights speed culling of cherries

Colored lights help sorters of fruits and vegetables to detect small but important defects before processing. In a new technique developed in the agricultural engineering department of Michigan State College, plain white, blue and red fluorescent lights were tested. Under blue fluorescent light, sorters spotted defects 10 to 30% more efficiently than under white fluorescent. Under red fluorescent, sorter efficiency increased an average of 64% over white. Red light proved especially effective in culling cherries. For more information, call your County Agricultural Agent.



DIAPHRAGM

A plastic makes listening easier

Inside your telephone receiver a sensitive diaphragm produces the sounds you hear. Bell Telephone Laboratories have developed a new kind of diaphragm made of stiff, light plastic, driven by a magnetic-metal ring. This new diaphragm reproduces the human voice more naturally than before, lets you hear higher tones that make a voice more personal. Also, telephone lines need deliver only a third as much power to work this new receiver, so finer wires can be used. Once again telephone research increases the quality of service, keeps costs down.

MICHIGAN BELL TELEPHONE COMPANY

IMPORTANT changes in policy

★ To Members of the Michigan Mutual ★ Windstorm Insurance Co.

★ BLANKET COVERAGE on Farm Personal ★ is now in effect.

★ TELEVISION AERIAL — We have eliminated the Two Dollars per hundred charge for Television Aerials. From now on this item will be included as a part of household goods and covered for WINDSTORM DAMAGE up to 10% of the amount carried on household contents. ★

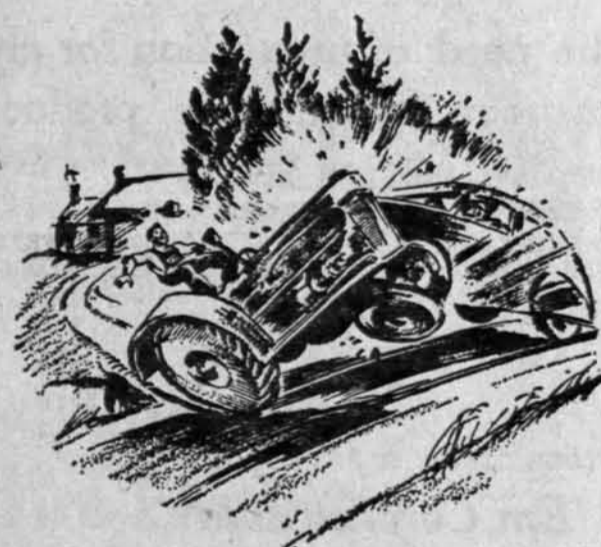
Careful business management by experienced men. Prompt adjustment and payment of losses. Agents and adjusters quickly available throughout Michigan.

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LARGEST AND OLDEST COMPANY OF ITS KIND IN MICHIGAN

DON'T GO OUT

Without Liability Insurance on your Tractor



You wouldn't drive a new car home without first having secured public liability insurance.

Yet you may drive a tractor on the highway without any protection for public liability. Think—a slow-moving tractor, with or without equipment, and a motorist in a hurry.

Insure your tractor today through our Farm Liability Policy. See our agent in your county.

FARM BUREAU MUTUAL

Insurance Company of Michigan

507 South Grand Ave.

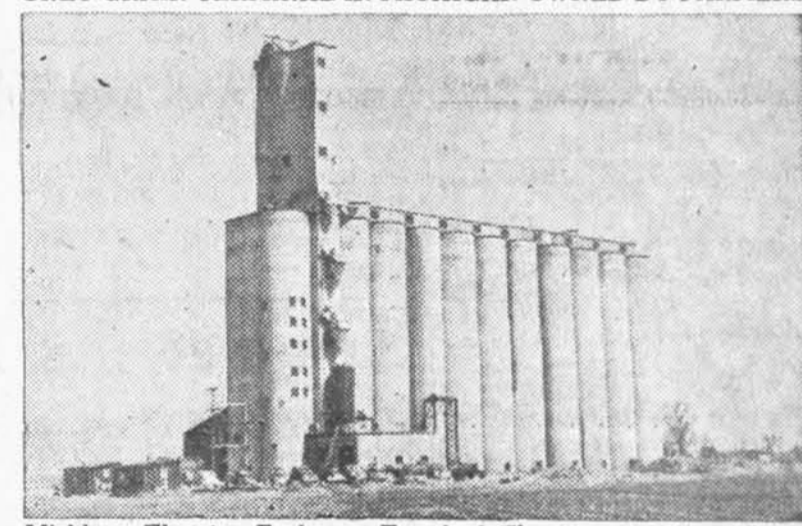
Phone 4-4475

Lansing, Michigan

A FARM BUREAU INSURANCE SERVICE

THE FARMER'S MARKET

ONLY GRAIN TERMINAL IN MICHIGAN OWNED BY FARMERS



Michigan Elevator Exchange Terminal Elevator at Ottawa Lake. Its capacity is 800,000 bushels.

for Grain and Beans, Where

The Farmer Comes First!

Farmers get more for their grain and beans in the long run through the patronage savings returned to them by their local cooperative and the Michigan Elevator Exchange.

Owned and operated by farmers since its founding in 1924, the Michigan Elevator Exchange is the grain marketing agency for 135 local cooperative elevators and 75,000 farmers who own those local co-ops.

Your local cooperative and the Michigan Elevator Exchange make up the farmers' market for grain and beans where the farmer comes first. He shares in earnings after grain and beans are dumped at the elevator.

MICHIGAN ELEVATOR EXCHANGE

Market Your Grain at the Cooperative Nearest You

- | | | | |
|-------------------------------------|--|---------------------------------------|---------------------------------------|
| Albion Elevator Co. | Dutton-Caledonia Farmers Elev. Co. | Kinde-Farmers Co-op Grain Co. | Reading Co-op Commerce Co. |
| Allegan Farmers Co-op Ass'n | Eau Claire Fruit Exchange | Lake Odessa Co-op Ass'n | Resse Farmers Elevator Co. |
| Bad Axe-Farmers Elev. & Produce Co. | Elkton Co-op Farm Produce Co. | Lansing-Farm Bureau Services | Richmond-Farmers Elevator Co. |
| Bangor Fruit Growers Exch. | Falmouth Cooperative Co. | Lapeer-Lapeer County Co-ops Inc. | Riga-Blessfield Co-op Co. |
| Barryton Co-op Ass'n | Fowler-Farmers Co-op Elev. Co. | Lawrence Co-operative, Inc. | Rockford Co-op Elev. Co. |
| Battle Creek Farm Bureau | Fremont Co-op Produce Co. | Leslie Co-op Inc. | Ruth Farmers Elevator, Inc. |
| Bauer-Hudsonville Farmers Co-op | Grand Blanc Co-op Elev. | Litchfield Dairy Ass'n | Saginaw-Farm Bureau Services |
| Bay City-Farm Bureau Services | Grand Ledge Produce Co. | Ludington Fruit Exchange | Saginaw-Sanilac Co-op Inc. |
| Beulah-Benzie Company | Grand Rapids-Farm Bureau Services | Marcellus-Four County Co-op | St. Johns Co-op Elev. Co. |
| Blessfield Co-op Company | Grass Lake Elevator Co. | Mariette Farmers Co-op Elev. | Saline-Mercantile Co. |
| Breckenridge Farmers Elev. | Greenville Co-op Ass'n | Marshall-Farmers Elevator Co. | Scottville-Mason County Co-op, Inc. |
| Bronson Cooperative Co. | Hamilton Farm Bureau Co-op Inc. | McBain-Falmouth Co-operative Co. | Snover Co-op Elevator Co. |
| Buchanan Cooperative Inc. | Harlem-Holland Co-op Ass'n | Merritt-Falmouth Co-op Co. | Stanton Elevator Co. |
| Burr Oak Cooperative Co. | Hart-Farm Bureau Services | Middletown Farmers Elev. Co. | Stawood Marketing Ass'n |
| Byron Center Co-op Co. | Hartford Co-op Elevator Co. | Minden City-Farmers Elev. Co. | Sturgis Grain Co. |
| Cadillac-Mich. Potato Growers Exch. | Hastings-Farm Bureau Services | Montgomery-Tri-State Co-op Ass'n | Three Oaks Co-op Inc. |
| Caledonia Farmers Elev. Co. | Hemlock Co-op Elev. Co. | Montgomery-Tri-State Co-op Ass'n | Three Rivers Co-op, Inc. |
| Care Farmers Co-op Elev. Co. | Highland Producers Ass'n | Ms. Pleasant Co-op Elevator | Trusant Farm Bureau |
| Cass City-Farm Produce Co. | Holland Co-op Ass'n | New Haven Farmers Elevator | Union City-Coldwater Co-operative Co. |
| Cassopolis-Cass Co-ops Inc. | Howell Co-operative Co. | Ogden-Blessfield Co-op Co. | Unionville Milling Co. |
| Centerville-Three Rivers Co-op Inc. | Hudsonville-Farmers Co-op Elev. Co. | Ottawa Lake Co-op Elevator | Utica Farm Bureau |
| Charlevoix Co-op Co. | Ida Farmers Co-op Co. | Oxford Co-op Elevator | Vriesland-Hudsonville Farmers Elev. |
| Charlton-Eaton Farm Bureau Co-op | Idamay City-Lapeer County Co-ops Inc. | Parma-Farmers Co-op of Parma | Warren Co-operative Co. |
| Cheaning Farmers Co-op Inc. | Jackson-Michigan Elevator Exchange | Pecos-Sanilac Co-op, Inc. | Washington Elevator Co. |
| Charlton-Cooperative Co. | Jamstown-Hudsonville Farmers Co-op Elev. | Petskey-Mich. Potato Growers Exchange | Watertown-Sanilac Co-op, Inc. |
| Coleman-Farm Bureau Elevator Co. | Jasper-Blessfield Co-op Co. | Pigeon Co-op Elevator Co. | Wheaton-Farmers Elevator Co. |
| Colling-Unionville Milling Co. | Jones Co-op Ass'n | Pinsonning-Farm Bureau Services | Williamston-Productors Elevator Co. |
| Constantine Co-op Inc. | Kalamazoo-Farm Bureau Services | Portland Co-operative Co. | Woodland-Farm Bureau Services |
| Coopersville Co-op Elevator Co. | Kent City Farm Bureau | Ray, Ind.-Tri-State Co-op Ass'n | Yale-Farm Bureau Services |
| Deerfield Co-op Ass'n | | | Ypsilanti Farm Bureau Ass'n |
| Delton Farm Bureau Elevator | | | Zeland Farmers Co-op, Inc. |
| Dexter Cooperative Co. | | | |
| Dowagiac Farmers Co-op | | | |

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Farm Bureau Has Nearly 100,000 in Blue Cross

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You Must Order Now

IN ORDER to get delivery of a King Maple Syrup Evaporator with copper pans for the 1952 pure maple syrup season, we must have your order now. Copper to make King Evaporators is special and takes months to get delivery to our factory. Order now and be sure. Write for catalog and prices.

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FOR POULTRY

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FB-10

31,241 Families in Hospital Insurance

The recent record re-enrollment has sent Farm Bureau membership in Blue Cross-Blue Shield soaring close to the 100,000 mark.

Austin L. Pino, rural enrollment manager, reported that all told 31,241 Farm Bureau families now have Blue Cross-Blue Shield coverage, averaging more than three persons per family.

This is a 20 per cent increase over the total membership figure last year.

Mr. Pino said that almost 5,700 subscribers were added during the spring of 1952 re-enrollment campaign. Since the majority included their dependents in the contract, that increased by 19,000 the total enrollment for Farm Bureau. More than three-quarters of the 1,146 Community Farm Bureau discussion groups now offer their members the complete Blue Cross-Blue Shield protection package—hospital and medical-surgical coverage. Forty-two groups added medical-surgical protection during this last re-enrollment period.

Mr. Pino said the record enrollment this year is compelling proof that rural folks are just as interested as city people in gaining the most protection against hospital and medical bills.

Almost eight out of ten persons eligible through Farm Bureau discussion groups have Blue Cross. District 5 leads all the others with 95 per cent of its eligible members enrolled.

The "Thumb" area is far ahead of the rest of the state for this year's re-enrollment campaign. The five counties with most new subscribers were from that area—Sanilac, 285; Saginaw, 213; Tuscola, 184; Bay, 164; and Lapeer, 155. Thirteen other counties enrolled over 100 new members also.

The following three counties lead the state in the total number of Farm Bureau subscribers enrolled in Blue Cross: Branch, with 1284; Saginaw, with 1250; and Sanilac, with 1113.

"It is an outstanding job," said Mr. Pino. "The group members who took the Blue Cross-Blue Shield story and philosophy to their neighbors performed a key task in the whole drive, along with the county secretaries who kept the records, collected the payments and answered thousands of questions."

Latest figures show that 1052 of the 1146 Farm Bureau discussion groups now have Blue Cross-Blue Shield.

Harger at Phosphate Land in Idaho

Fred Harger, manager of the Farm Bureau Services fertilizer manufacturing division, is in southeastern Idaho where 15 large farm co-operatives own 2,000 acres of phosphate mining lands.

MR. HARGER is a member of the mining committee of the board of directors of Central Farmers Fertilizer Company. The committee is there with engineers to plan preliminary work. This year the Company may invest upwards of \$2,000,000 for a plant, a tunnel into the mountain, and railroad to the property.

The property is in a valley in the mountains about 7,000 feet above sea level. Engineers estimate the property contains 10 million tons of the highest grade rock phosphate and another 30 million tons of lower grade rock phosphate, which can be recovered to advantage through an electric furnace process.

FARM BUREAU Services makes 20% phosphate fertilizer at Saginaw by mixing rock phosphate and sulphuric acid, the wet process.

Central Farmers want to make 40% or even 65% meta-calcium phosphate in Idaho for use in the various Farm Bureau fertilizer mixing plants. The Com-

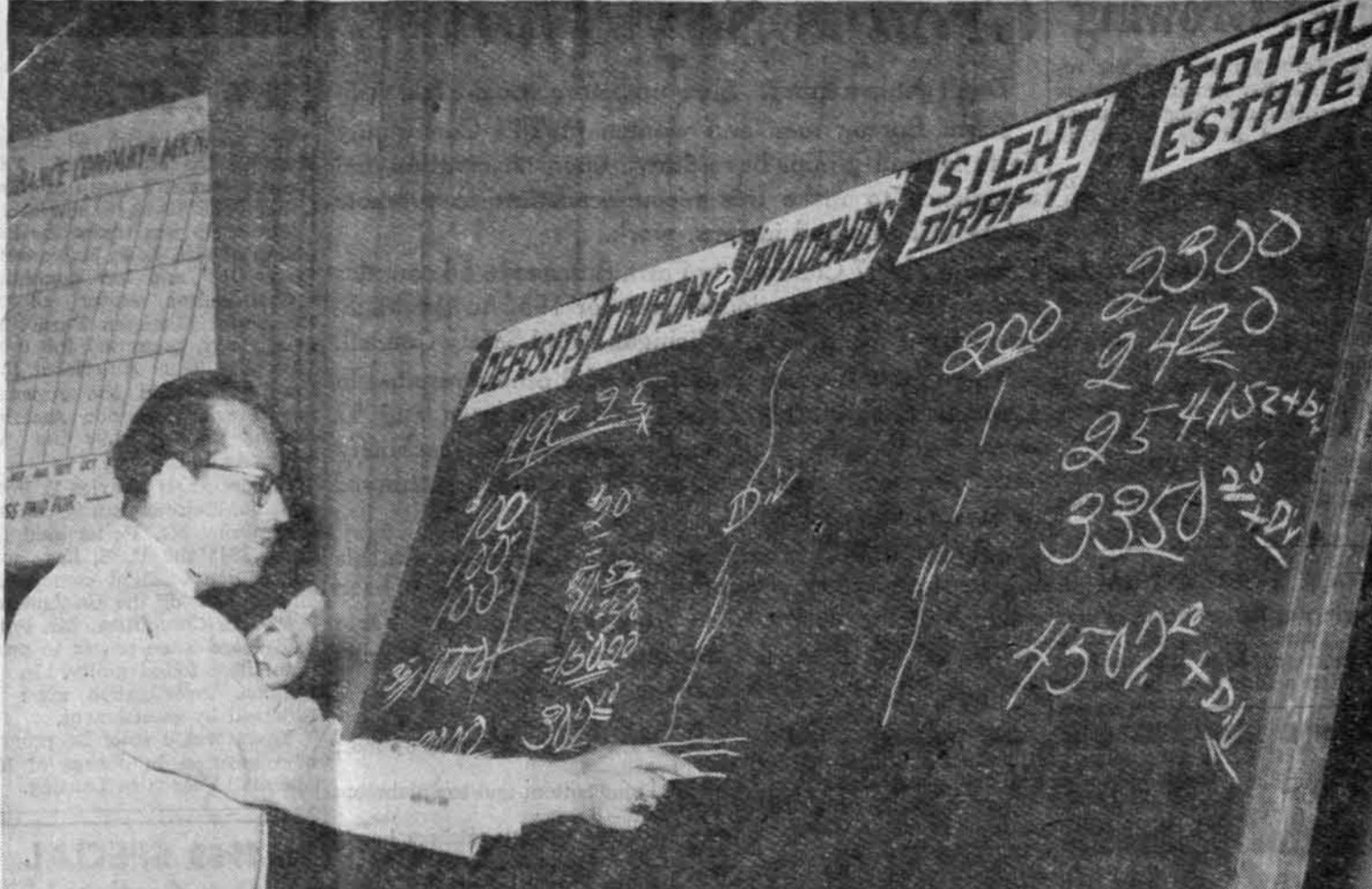
greater capacity
extra ruggedness
dependable performance



They're here—the great new CO-OP Black Hawk Grain Drills—quality built for value—and ruggedly built to last! Heavy gauge lids with water-tight hinges; husky frame built to support heaviest loads at high speeds; hefty 3-inch channel steel hitch . . . these plus accurate planting and outstanding hopper capacities mark the new CO-OP Black Hawk as your best investment. Three models, 3 wheel sizes.

FARM BUREAU SERVICES, INC. FARM EQUIPMENT DEPARTMENT 221 N. Cedar Street Lansing 4, Michigan

Explains New Investment Protector Plan



BILL WALTERS of the Farm Bureau Insurance Services is shown explaining features of the new Farmers Investment Protector policy announced at the agents' meeting at Michigan State College June 9. Mr. Walters is showing that at age 25, for example, \$100 paid into the FIP policy for the first year would establish in case of death an estate of \$2,000, plus return of the \$100 deposit, plus a \$200 sight draft attached to the policy for "quick money" in case of death, or a total of \$2,300. The second year continues the program above, plus the provision for dividends, as earned, and the first of four \$20 annual coupons (next 15 are for \$10 each). These add to the face of the policy. End of the 10th year, with \$1,000 paid in, the policy is worth \$3,350 in case of death. During the 20th year, with \$2,000 paid in, policy is worth \$4,507 in case of death. At end of 20 years the savings program for \$2,000 has been completed, and a number of options will be available to the insured.

Call FB Policy Investment Protector

A new plan designed to build security for the farmer and his family was discussed by more than 150 representatives of the Farm Bureau Insurance Services June 9 at East Lansing.

THE NEW program combines a system of savings and of life protection. It includes coupons that can be clipped and cashed annually, dividends, and a guaranteed return of deposits in case of the investor's death before completing the program.

All of this is provided to qualified farmers in a single "package" for a basic investment of \$100 a year. Called Farmer's Investment Protector, or FIP for short, it is believed to be the first program of its type developed especially to meet the security needs common to most farmers.

REPRESENTATIVES of the Farm Bureau Insurance Services were told by Manager Nile L. Vermillion that protection of the FIP type is lacking on the farm today.

"The American farmer is the most dangerously unprotected businessman in the nation's economy."

"His capital investment in the farm, his mechanical equipment, his livestock and his home represent thousands of dollars. The entire operation of his farm depends upon his own health and safety. It is working hard for electric power development in the Snake River canyon. Plentiful and low cost electric power could more than double the opportunities of the plant."

Alpena County Has Answer

Alpena County Farm Bureau has made its membership goal every year since it was organized six years ago.

Alex Kennedy, county chairman, said, "The first officers were asked, 'What can Farm Bureau do for me? We have tried to build a county program to answer that question. It pays off.'"

Over 70% of Alpena's membership has Blue Cross hospital insurance and Farm Bureau automobile insurance. There are 21 community groups. The Women's Committee is successful. The county board of directors has an active committee for each Farm Bureau program. The latest project is the organization of a Farmers Petroleum Cooperative.

Buy Farm Bureau quality feeds.



July

With summer comes difficulties in maintaining production of milk and eggs.

Here are some suggestions from experts. They will help you maintain a better income if you follow them.

First, to prove the need of production for profit. Hundreds of tests prove the average production and feed consumption run as follows:

NO. OF HENS	WEIGHT PER HEN	EGG PRODUCTION	LBS. FEED PER DAY
100	4	None	15.5
100	4	40%	21.2
100	4	70%	25.4
100	7	None	22.3
100	7	40%	28.0
100	7	70%	32.2

FIGURE OUT YOUR COSTS. IT PAYS TO GET EGGS

Keep 'Em Comfortable

- 1—Feed and labor are too expensive to waste. Flocks should be culled at least once a week. Non-layers sold or put in home freezers.
- 2—Mermashes with high corn content don't call for as much added scratch grain in summer.
- 3—As weather gets hotter, double the number of waterers, especially use large, low, flat pans. Birds will lay better because heat will bother less.
- 4—Sprinkle roof of hen house—or a fine mist inside. Hang wet sacks over wires in hen house. It helps cool it off. Whitewashing a roof helps lower temperature.
- 5—Take advantage of all means of air circulation and ventilation. It aids comfort.
- 6—A fan or two will aid comfort by circulating air.
- 7—Farm Bureau Poultry Booster (condensed whey) helps keep appetite sharp.
- 8—Can lights used after dark (when it's a little cooler) help feed consumption enough to lower egg costs? Some say they do. Eight inch white reflectors cut light losses. Fluorescent lights with red rays are said to be a cheaper source of light. Try lights from 2-3 a. m. till daylight.
- 9—Check for parasites and act if found. Roosts, nests and walls should be painted with a good remedy for mites. Control lice and fleas.

Good Pasture, or Extra Feed

NEITHER COWS NOR STEERS nor hogs can make you profits unless you furnish the right feed. Pasture is wonderful, especially if supplemented. If pasture is poor—give extra feed because your livestock loses money for you when they don't perform at the best possible speed. It's up to you.

FARM BUREAU FEEDS ARE MADE TO HELP YOU MAKE MONEY

FARM BUREAU SERVICES, Inc. Feed Department 221 N. Cedar Street Lansing, Michigan

Exclusive by C&B SILO CO. ... SAVE Your OLD Concrete SILO!

In line with the policy of always maintaining the finest service for farmers—the C&B Silo Co. is proud to announce their exclusive rights for the 4-Y-1 SILO SAVER in the state of Michigan.

To your many farmers who own old concrete silos, this is your opportunity to not only save your silo investment, but actually restore the silo interior to its original hardness by using 4-Y-1 SILO SAVER.

4-Y-1 SILO SAVER is NOT a paint . . . NOT a coating, nor is it a "new lining" . . . but a blend of plastics proved by 7 years of testing in hundreds of silos before being offered to you. Here is what it will do for ANY CONCRETE SILO:

- 1 RE-HARDENS THE SILO WALL 4-Y-1 Silo Saver uses the devastating action of silage acid. It penetrates the wall, firmly binds the aggregate, protects it against further acid attack.
- 2 GOES IN . . . NOT ON Unlike so-called paints and coatings that simply "cover up" damaged areas, 4-Y-1 goes RIGHT TO THE SOURCE OF THE TROUBLE . . . BINDS TOGETHER THE LOOSE PARTICLES OF AGGREGATE IN YOUR SILO WALL . . . AND THIS TOUGH, ADHESIVE PROTECTION LASTS FOR YEARS.
- 3 WATERPROOF 4-Y-1 Silo Saver is positively moisture proof when applied according to directions.
- 4 EASY TO APPLY It's so easy to use 4-Y-1 Silo Saver. Simply apply it with brush or sprayer. It sets quickly, resists further acid action.
- 5 NOT A PAINT Do not confuse 4-Y-1 Silo Saver with any "paint" or any other "silo preparation" on the market. There positively is NOTHING ELSE ON THE MARKET LIKE 4-Y-1 Silo Saver!

Write today for information on how you can get DEPENDABLE PROTECTION the best investment a farmer can make . . . a new C&B Triple Seal Cement Silo Silo. The one silo "Designed and Engineered for Lasting Satisfaction."

TRIPLE SEAL CEMENT SILO C&B SILO CO. 221 N. CEDAR ST. LANSING, MICH. 221 N. CEDAR ST. CHARLOTTE, N.C.

Store Your Grain Safely in CONCRETE Grain Storages

Increase your farm profits by making sure your grain is safely stored in concrete grain storages. Grain properly stored in concrete structures is protected against loss from dampness, fire, or rodents.

Concrete grain storages are moderate in first cost. They cost little to maintain and last for decades. This results in low-annual-cost service. Send for free booklets on concrete grain storages and other concrete farm improvements.

If you need help get in touch with a concrete contractor or building material dealer in your area today.

Write on postcard and mail for free booklet PORTLAND CEMENT ASSOCIATION Olds Tower Bldg., Lansing 8, Mich.

Please send free booklets checked: "Concrete Grain Storages for Farms" giving pictures, drawings and complete "how to do it" information on several types and sizes.

Name other concrete improvements on which you want booklet—such as barn floors, poultry and hog houses, feed lot pavements, silos, tanks and troughs, etc.)

Name _____ R.R. No. _____ P.O. _____ State _____

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Agents: Fremont Mutual is growing . . . territory inquiries are invited.

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2 Million Bu. of '52 Wheat Crop May be Lost

I'M SURE GLAD I STAYED IN THE DAIRY BUSINESS!

Valley Lea CHECK

I've been looking around lately and it seems we farmers who are doing the best have built high-production herds and sell only quality milk or cream. . . feed costs are favorable and America's cow population is the lowest since 1931, while consumer demand for dairy products continues at a high level. . . I'm also not forgetting my really big asset is my nearby cooperative creamery of **The Mid-West Group** of which I am a part-owner and share in savings of the business. . . I also am assured a steady market for my milk or cream at the highest price my creamery can pay.

Mid-West Producers' Creameries, Inc.
"THE MID-WEST GROUP"

MICHIGAN
Carson City — Dairyland Coop. Cr. Co.
Coldwater — Coldwater Dairy Co.
Constantine — Constantine Coop. Cr. Co.
East Jordan — Jordan Valley Coop. Cr. Co.
Elsie — Elsie Cooperative Creamery Co.
Fremont — Fremont Coop. Cr. Co.
Grant — Grant Cooperative Creamery Co.
Montgomery — Tri-State Coop. Cr. Ass'n.
Nashville — Farmers Coop. Cr. Ass'n.
St. Louis — St. Louis Coop. Cr. Co.

INDIANA
Columbus — Farmers' Marketing Ass'n.
Crawfordsville — Farmers' Coop. Cr. Inc.
Middlebury — Middlebury Coop. Cr. Co.
Orleans — Producers' Dairy Mkt. Ass'n., Inc.
Richmond — Spring Grove Dairy

TENNESSEE
Gallatin — Sumner Co. Coop. Cr. Ass'n.
Murfreesboro — Rutherford County Cooperative Creamery, Inc.
Nolensville — Nolensville Cooperative Creamery Association, Inc.

ILLINOIS
Pana — Equity-Union Cr. & Produce Co.
Paris — Equity-Union Cr. & Produce Co.

OHIO
Dayton — Miami Valley Milk Producers' Association
Greenville — Miami Valley Milk Producers' Association
Springfield — Miami Valley Milk Producers' Association

When you market milk or cream through a member-creamery of The Mid-West Group, you receive, at time of shipment, the highest possible return — and, in addition, earn a proportionate share of operating savings from the entire business.

Farm Wage Regulations For 1952

Farm wages are subject to government wage controls during 1952, similar to wage controls in other industries, according to the regional office of the Wage Stabilization Board at Detroit.

Farmers and other employers of agricultural labor who are now paying or are planning to pay during 1952 higher wages than those set by the Wage Stabilization Board should petition the board for approval of the higher rates. The Board has approved the following rates for agricultural labor:

HOURLY WAGES: Up to 95c per hour, or up to 15% above what was paid for similar work in 1950, if that exceeds 95c.

Farmers who pay by "piece work" may pay up to the equivalent of 95c per hour, or they may pay up to 15% more than was paid in 1950, if that exceeds 95c per hour.

MONTHLY WAGES: Up to \$175 per month plus room and board; up to \$195 per month plus house, garden, etc.; up to \$225 per month without room and board.

A farmer may pay up to the above listed figures, or if the rates paid in 1950 plus 15% are larger than these figures he may pay the larger amount without board approval.

If for any reason the farmer or other employer has to pay higher rates than those indicated above, he should get in touch with the nearest county War Mobilization Office for information needed to make the appeal to the Wage Stabilization Board.

If forms are not available locally, write to Wage & Hour Division, Dept. of Labor, 716 Federal Building, Detroit; or to Wage & Hour Division, Dept. of Labor, 1203 Peoples National Bank, Grand Rapids 2, Mich.

Scene of Accident
"One of every four farms in Michigan will be the scene of a disabling accident during the next 12 months," according to David Steinicke, farm safety specialist at Michigan State College.

Baked Beans
Baked beans will stay piping hot on your next picnic if you insulate the dish with plenty of newspaper wrapping.

Elev. Exch. Tells How to Save Grain

More than 2 million bushels of Michigan's 1952 wheat crop of more than 38,000,000 bushels may be lost on the farms after harvest.

Careless handling and improper storage in farm bins and granaries may cause the losses, says James R. Bliss, general manager of the Michigan Elevator Exchange.

This prediction is based on the results of a U.S. Department of Agriculture survey which shows that between 5 and 10 per cent of all farm-stored grain is lost to insects, rodents, bin leakage, and deterioration.

A loss of 2,000,000 bushels would mean a financial loss to Michigan farmers of more than \$4,000,000 in farm income based on the 1952 government loan rate for wheat of about \$2.25 per bushel in Ingham county.

"Based on our past experience in handling off-grade wheat coming out of farmers' bins in the spring, I would say that farmers could take a further loss of \$2,000,000 or more in the discounts prevailing for high moisture, sick wheat, and other off-grade factors," Mr. Bliss said.

"With several millions of dollars at stake, it will pay farmers well to be very careful in the harvesting and storing of their 1952 wheat crop. If the crop is as large as expected, a larger than normal volume of the crop will be stored at home in farm bins and granaries. The damage and loss could be higher than usual."

How can farmers avoid financial penalties resulting from improper storage and handling of grain?

The Michigan Elevator Exchange recommends that farmers follow seven suggestions to make the most of their wheat crop:

1. See that the combine is in good repair and properly adjusted for maximum efficiency. In the case of custom harvesting, select a good operator.
2. Be sure that the grain is ready to combine. Putting wheat containing more than 14% moisture in a bin means trouble. Take a sample to your elevator for a moisture test before starting the combine.
3. Clean all old grain and other refuse out of farm bins before putting the new crop in storage. This is one of the most important protections against insect infestation.
4. Use a recommended insecticide on your bin walls and floor before putting in the new crop.
5. See that your bins are weather-tight and grain-tight.
6. Protect your storage bins against damage and contamination by rats, mice, and birds. Use of new pesticides to control rodents is recommended.
7. Finally, check grain frequently and at regular intervals throughout the year. Grain that begins to heat should be taken care of at once to prevent further damage.

Wallpaper one wall only, or in an alcove, Very dramatic wallpapers with a foyer, around a fireplace or as bold patterns are better used on a panel on a clear space wall.

How Exchange Terminal Will Operate

James R. Bliss, manager of the Michigan Elevator Exchange, tells us how the new 800,000 bushel terminal elevator and drier at Lake Odessa will help co-operatives store and merchandise grain and relieve some of the harvest pressure at local elevators.

THE TERMINAL elevator storage is small in comparison to the expected grain crops, but it provides much more space than has been available to co-operatives.

Storage space has been allocated to member organizations on the basis of the investment each co-op and member farmers have in Exchange class A common stock to build the terminal.

WITH ALL facilities of the terminal, the Exchange expects to be in much better position to bargain with large buyers of grain for a more favorable price on large volume lots. Earnings of the terminal will be returned to member organizations as patronage. This should mean increased returns to farmers who market grain co-operatively.

The terminal's drier has a capacity of 24,000 bushels daily. The fact that the terminal can move and turn grain at the rate of 30,000 bushels an hour will help greatly in conditioning high moisture and off-grade grain.

THE EXCHANGE can buy grain only from elevators. It is authorized by member organizations to act only as their marketing agency. Farmers who want to truck grain direct to the terminal will be required to make arrangements for selling their grain to their local co-operative in advance of delivery and to obtain a delivery order from their local elevator.

Dumping of Rubbish Irks Eaton Women

Eaton County Farm Bureau women are going to do something about those people who dump rubbish along the highways.

If they can get the license number of the car, together with some description of the person or persons, they're going to call the sheriff's office.

Don't bother to converse with the offender, they say. The officers will take care of that. The law provides a fine of \$100 or 90 days in jail for conviction for dumping rubbish along the highways.

No smart family will buy any type of a washing machine in a hurry.

SPECIAL SALE! Water Systems and Equipment

Substantial Price Reductions (All prices are F.O.B. Lansing)

Have Plenty Of **HOT WATER** At A Low Cost with a 50 Gallon **UNICO ELECTRIC WATER HEATER - \$92.50**

WATER SYSTEMS
1/3 H.P. Jet Pump complete with jet, air volume control and 42 gallon tank **\$132.00**
1/2 H.P. Deep Well Pump with 42 gal. tank and fittings **\$161.52**

1/4 H.P. Deep Well pump with 42 gal tank and fittings **\$182.87**
1/2 H.P. Aurora Shallow Well Pump with 42 gal. tank and fittings **\$148.05**
3/4 H.P. Aurora Shallow Well Pump with 42 gal. tank and fittings **\$159.44**
Sump Pump **\$38.74**

Reynolds Schaefer Softener, 40,000 grain capacity **\$83.72**
Reynolds Schaefer Softener, 50,000 grain capacity **\$111.44**
Starite Softener, 30,000 grain capacity, brine tank and master control valve **\$113.14**
Starite Softener, 45,000 grain capacity, brine tank and master control valve **\$133.51**
Starite Softener, 60,000 grain capacity, brine tank and master control valve **\$160.10**
Starite Softener, 90,000 grain capacity, brine tank and master control valve **\$192.10**

Available at All **FARM BUREAU SERVICES, INC.** FARM EQUIPMENT DEALERS

Homemakers' Conference the Michigan State College campus in East Lansing. Information about the annual educational and recreational meeting can be obtained from the county home demonstration agent.

It's Here! COMPLETE "One Policy" Protection

NOW---ONE Policy, that Gives You Windstorm, Hail and Fire Protection

STATE MUTUAL is proud to announce that it can now offer you complete "one policy" protection,—protection that is really made-to-order for your particular needs. Here are the big advantages you can now enjoy:

- **ONE POLICY**—Insures against loss from fire, windstorm and hail.
- **NON-ASSESSABLE**—Policy is completely acceptable as collateral at banks or other loaning agencies.
- **NO MEMBERSHIP FEES**—New members insuring with State Mutual pay no membership fee.
- **CITY & TOWN COVERAGE**—Same protection is available for urban dwellings.

REMEMBER, State Mutual insures more Michigan farms than any other fire insurance company. Since it was founded forty-four years ago, State Mutual has grown until today it has over \$200,000,000 of insurance in force. Make State Mutual YOUR company. Call your local agent, or write the home office today.

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702 Church St. Flint 3, Michigan
E. R. DINGMAN, President H. K. FISK, Secretary
"State Mutual Insures Every Fifth Farm in Michigan—Ask Your Neighbors!"

Excuse our Dust!

FARM BUREAU

No need to put up with insect raids in your vegetables this year, with a Farm Bureau Dust for every common insect, a general purpose dust which means economy for the small gardener. Check the list below for your needs.

KIND OF CROP	TYPE OF DUST RECOMMENDED
Potatoes	Farm Bureau Dust No. 1
Onions	Farm Bureau Dust No. 7XX
Cabbage	Farm Bureau Dust No. 3
Broccoli	Farm Bureau Dust No. 3
Brussels Sprouts	Farm Bureau Dust No. 3
Cauliflower	Farm Bureau Dust No. 3
Cucumbers	Farm Bureau Dust No. 83 or 55
Squash	Farm Bureau Dust No. 83 or 55
Melons	Farm Bureau Dust No. 83 or 55
Sweet Corn	Farm Bureau Dust No. 8X
Beans	*Farm Bureau Dust No. 85
	*On snap beans after pod formation use Farm Bureau Dust No. 3 to avoid residue.

See Your Farm Bureau Dealer
FARM BUREAU SERVICES, INC.
221 N. Cedar St. Insecticide Dept. Lansing 4, Michigan

Beauty and PROTECTION that LASTS and LASTS

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In Unico brand paints you need not choose between appearance, low cost and high durability. Unico quality control gives you all three in the same package.

Whether it's house, barn, garage, metal roof, or floors that need attention your Unico paint dealer has a paint proven by constant testing to be just the kind for you.

THE ABILITY TO FURNISH you through your chosen state and local organizations with a top quality product at a price well in keeping with its laboratory controlled quality is not something that just happened. It is the result of many years of research to produce a uniformly superior product for a particular clientele.

THE SAME CONCERN for the Michigan farmers that goes in the Open-Formula feeds, Guaranteed seeds, and high analysis fertilizers is present to an equal degree in paints manufactured in the farm-owned Unico paint factory.

FARM BUREAU SERVICES, INC. PAINT DEPARTMENT
221 N. Cedar Street Lansing, Michigan

Can We Improve Markets for Our Production?

Community Farm Bureau Discussion Topic for July

Background Material for Program This Month by Our Community Farm Bureau Discussion Groups

DONALD D. KINSEY
Director of Research and Education

One word in our title is very powerful and significant. This word is WE, and here is why it is important:

If we were to boil down the rules of sound commodity marketing, they would read something like this: "Offer a wanted product of good quality at the right time, in the right place, and under the right conditions, and you insure a quick sale at a good price."

That is not simple. Every one of the requirements listed poses a problem. Quality, place, time, and proper selling conditions are hard to bring together in one grand climax. Certainly sheer accident cannot be depended upon to unite them. But people can! And so we are back to the importance of the word WE.

Getting these things to our advantage is best achieved when WE co-operate to bring them into being. We cannot depend upon some dealer in the market to do all these things for us. We must serve ourselves to create good marketing conditions, if we wish to be well served.

Farmers have a real need to co-operate for better marketing conditions. They are the only business men who sell their products wholesale and buy their supplies on the retail market. In the past many people learned that it was easy to exploit the farmer when he lacked co-operative unity. Some private dealers agreed to offer minimum prices in an area where no co-operative competition could check them. I should not refer altogether to the past—there are still instances of it.

In many places farmers have improved marketing conditions far beyond anything they could have done working individually. Our story here can review the kinds of advantages gained through co-operative efforts. These advantages are not mere "pipe dreams," they are real history.

ADVANTAGES gained through cooperative marketing: The nature of farm production makes it inevitable that the market shall be flooded with a commodity at certain seasons. This is true with milk or grain, eggs or fruit. The normal result is to depress the price of the commodity. If farmers cooperatively own facilities for taking the surplus off the market at periods of peak production and spreading it more uniformly over the year, a better average price is gained.

TO KEEP IT for a period, however, processing may be required that makes it less perishable. Individual farmers cannot afford the equipment to do this processing. Storing without the processing may involve severe losses. Cooperatively the farmers may be able to afford the equipment.

Let's take an example. The new grain terminal at Ottawa Lake, run by the Michigan Elevator Exchange and owned by 135 co-operatives (and so by their 75,000 farmer owners), will store 800,000 bushels of surplus grain at harvest time. This will relieve the harvest pressure on the market that is normally poor because it is glutted.

AT OTTAWA LAKE grain can be treated to free it from excess moisture content. This results in less spoilage and greater savings. Wet grains have been sharply discounted. The only cost to the farmer for the treatment and drying is a few cents a bushel.

The U. S. Department of Agriculture has estimated, on the basis of surveys, that 5% of all grain harvested is lost on the farm due to improper handling and storage. This rate of loss would mean that the 2 million bushels of the estimated 1952 Michigan wheat crop would be lost. What if we save it by co-operative efforts?

ANOTHER advantage lies in the ability of a larger cooperative to handle sufficient volume of a commodity so that a better bargaining position is

possible. This advantage develops in many ways.

A large volume in livestock yards, for example, attracts numbers of packer buyers, and spurs competition in bidding. The Michigan Livestock Exchange allows no stock to be sold at less than the current quotations on the larger markets, thus affording the farmer price protection.

It also prevents buyer collusion (secret agreements to fix the prices offered). This saves dollars for the farmer. Advantages of such improved bargaining apply in any commodity field. If you can deliver the demanded volume of a product at the right time, you often make a sale at a better price—a sale that you would have lost if you had not had the quantity wanted.

AN ADVANTAGE that some farmers seem to forget at times is that the earnings of the cooperative marketing program become the property of the farmers. The earnings may need to be returned to the business for a time, to pay off original indebtedness or for needed expansion. But eventually they go back to the farmers in patronage returns and dividends. Farmers really pay for many an old line business without getting around to own it.

Grading and processing are used to improve quality or to put the product in a more acceptable condition for the market. This will help to raise prices brought for the goods. And if we grade large quantities of a commodity we can more readily establish a uniform or standard quality. Goods of uniform quality have higher public acceptance and bring better market price.

TOGETHER farmers can afford to own grading and processing plants. Alone it would be impossible. Marketing cooperatives in most commodity fields have introduced grading and processing methods in order to bring more favorable prices to the farmer producer.

If special services are needed it is usually asking too much to re-

quest that an individual dealer make the investment to make them available. Farmers can develop such services as they choose in their own cooperative organizations.

NO SUPPORT—no program. Improved marketing programs can be accomplished only if the farmers blend a number of forms of support into them.

1. There must be financial support adequate to put the business on a sound footing and keep it there.

2. There must be loyalty and faith in the value of the cooperative effort and in the democratic way of doing business.

3. There must be an understanding that this business cannot provide services unreasonable above and beyond the capacity of other forms of business.

4. It must be understood that the business cannot be run cost-free. Services, rather than cutting rates, make up the objective sought. The cooperative goal has never been to create an unfair competition that would put other dealers out of business.

5. A farmers' cooperative business cannot long survive unless it receives the patronage support of its members. Back it or lose it—and with the loss of it will disappear the advantages that it brought.

COOPERATIVE farmer programs were not cut out to do miracles. If we expect miracles we had better look elsewhere. If the miracles fail when we expected them, we lose faith, and a cooperative marketing program must have the faith of its farmer participants.

If you will count the gains in

terms of real advantages over a period of years, if you will study the facts of the cooperative marketing program, you will be able to make even greater improvements in your farm marketing systems.

But you can't be that "hoss" who never hits into the collar along with the rest of the team.

Questions for Community Group Conclusions

1. Can your group think of any way in which the farmer can insure himself better marketing systems without the cooperative effort of farmers working together? If so, name them.

2. What kinds of improvement does your group want to see in the systems of marketing farm commodities?

3. What are the most definite ways in which such improvements can be brought about?

Film Available on Privilege of Vote

A new colored 16mm sound film has been made available without charge by the Michigan Department of State to groups and clubs on the subject of Get out and Vote.

In "Our Greatest Heritage" the producers have avoided any partisanship or political implications. The film deals with election procedures and stresses the need for citizenship responsibility and participation in the affairs of government.

For loan of film write well in advance of date wanted: Mr. Marvin Dewald, Service Division, 4806 S. Logan Street, Lansing 10, Michigan.

Urges Summer Seedings of Forage Crops

Farm Bureau Services seed dept is recommending summer seedings (mid-July and August) of alfalfa and brome, or June clover, or ladino, or birdsfoot trefoil.

SUMMER SEEDINGS assure pasture or a hay crop next season. The FBS seed dept says that on a good seed bed, a summer seeding is usually very good. It gets well established in the fall and comes on in the early spring to choke out weeds.

The seed dept recommends the preparation of a good seed bed.

Lime for alfalfa if soil test shows need. Sow seed. Cultipack or roll seed in. Ranger or Ladak are best for long rotations, permanent pastures, or on slopes where erosion may occur. For short rotations use Grimm, Variegated, or common alfalfa.

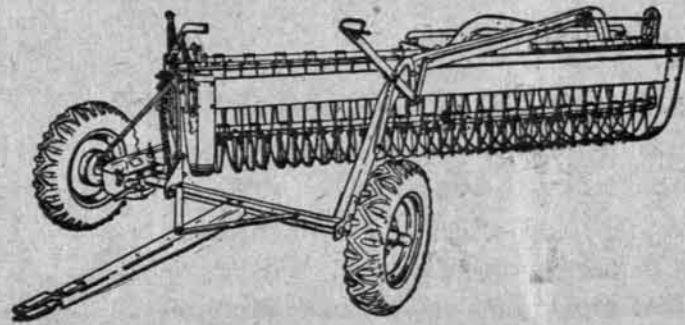
Control of Bloat

One of the best ways to handle the bloat problem with dairy cows on pasture is to provide a rack of dry hay or straw for the animals. Michigan State College dairymen say that if placed near the watering or resting place the cows will eat the hay, which need not be of the best quality.

Haying

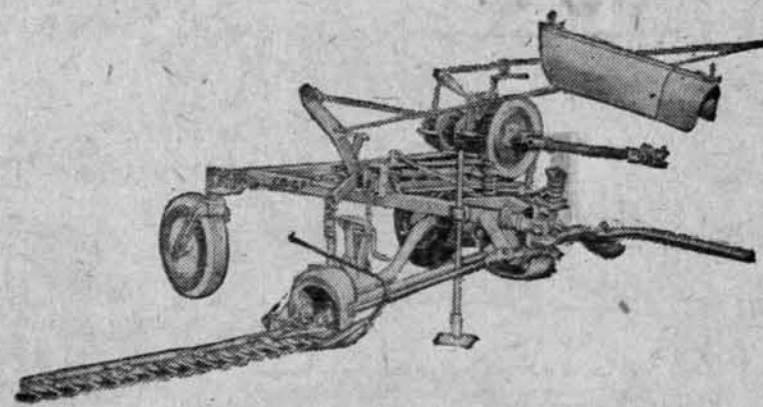
Danger lurks everywhere during haymaking season. Safety pays off.

Do Harvesting Better with Equipment



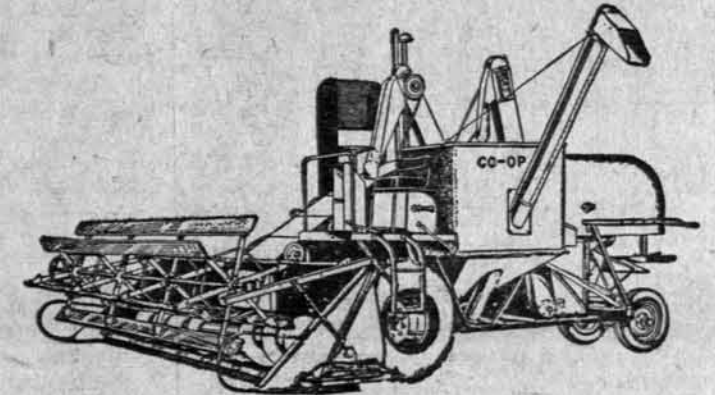
Co-op BLACK HAWK T-7 RAKE

The Co-op T-7 rake has its reel positioned slightly forward to get maximum raking efficiency. The right end of the reel has been made full floating. It is now equipped with heavy duty chain the same as left side to permit reel to float and instantly readjust.



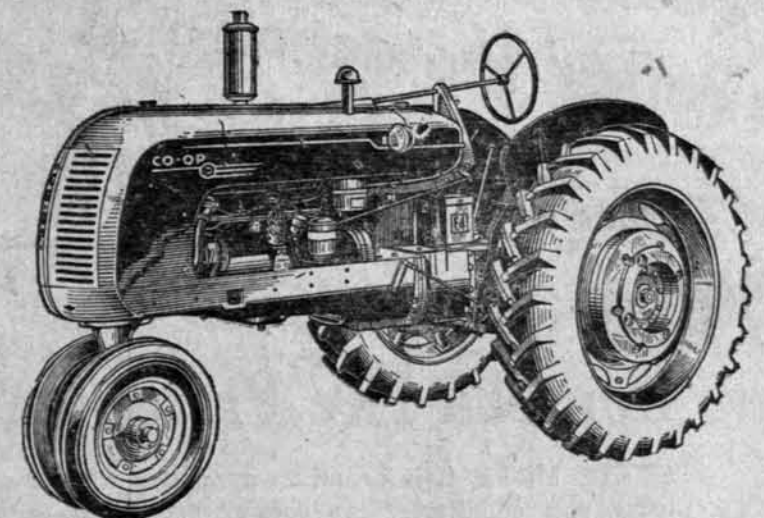
Co-op BLACKHAWK MOWER

The Co-op mower has a rugged frame, electrically welded, 3-point suspension. Floating cutter bar assembly is counter-balanced for easy control. Telescoping power take-off aids safety for operator. Screw-type tilting device for very fine adjustment of cutter bar.



Co-op HARVESTER-COMBINE

The Co-op SP-112 combine harvests grain cleaner and faster at lower cost. It offers extreme adaptability to all crops. It has a full-floating, auger-type header that eliminates troublesome canvases. Smooth operating, pitch adjustable reel, are just a few of its many extra features.



Co-op E-4 TRACTOR

The Co-op E-4 is a mighty machine with amazing farming capacity! Selective sliding spur gear type transmission, 6 forward speeds, 2 reverse. Push button starter, handy grouped controls, comfortable, adjustable seat; efficient, economical, 6 cylinder gas or diesel engines.

Discussion Topics

They were chosen by your State Discussion Topic Committee from the results of the Questionnaires Returned by the Community Groups

Jul. How Can We Improve Markets for Farm Commodities?

Aug. How Can Michigan Balance Its State Budget?

Be sure to read your discussion topic articles on this Page of the Michigan Farm News each Month. Attend your Community Group meetings!

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