#### **Behind** the Wheel

with J. F. Yaeger, Organization Director

This scroll is dedicated to the Newaygo county, Michigan, farmers and dairymen who had the vision and enterprise to co-operate and organize the United States at Fremont in 1905. To commemorate that event, the

names of the original members are U. Bronzema Ben Brookh Robert O'Sullevan

Robert O'Sullevan
Joe Purcel
David Powers
Henry Rozema, Sec.
Chris Wils
Joe Rozema
G. Stroven
W. C. Stuart
Carl Swenson
Severt Swenson
William Swenson
G. Tubergen
A. Wallworth
James Walworth
J. Waters Ben Brookhuis Jan Brookhuis lan Brookhuis
Augh Cattanach
H. W. Crawford
Arthur Demars
George Dobbin
J. Dobbin, Pres.
E. Doud
Chas. L. Emens
Robert Kempf
Dirk Kolk
J. Meeuwenberg
Ed. Oosterhuis Ed. Oosterhuis Henry Oosterhuis M. O'Sullevan

Two hundred thirty-nine cows were tested the first year. Their average production was 5,336 pounds milk and 215 pounds butterfat.

Given this 6th day of December, 1935, at Fremont, Michigan.

O. E. REED, CHIEF
Dairy Bureau, U. S. Dep't of Agr.
ROBERT S. SHAW, President
Michigan State College
JAMES F. THOMSON
Commissioner of Agriculture

the office of County Agricultural Agent serving much less densely populated Mullet at Fremont, Newaygo county. city and rural sections than enjoyed The original Newaygo county cow by the Detroit Edison and the Contesting ass'n is still operating. Trucks



more for a license."

of the Secretary of State's office, a at the capitol.

Eighty-One

Am enclosing check for \$5 for dues. I have been purchasing some paint and feed of Farm Bureau brand but ship credits. It doesn't particularily ritories for several line construction matter. I have no thought of deserting the Farm Bureau, a real farmer's organization. Being 81 years old, I Line Cost don't expect to be very active any more but certainly want to retain my membership in the Farm Bureau. Sincerely, L. J. C., Coldwater, Mich. Onions

now are praising him.

Onion-growing on the reclaimed land brings in \$500,000 a year to the The Michigan Gas & Electric serves committee will be on the job several artists to paint it. region and has lifted the township rural customers in parts of Cass, Van days before the convention opens, and school district out of debt. Three Buren, Kalamazoo and St. Joseph President Jakway, Secretary Brody large storehouses are required to counties, cars annually.

covered the fields. Trucks were busy trim, Charlevoix, Emmet, Cheboygan, taking the tons of the tear-producing Otsego and Crawford counties. crop to the storage houses at Grant. Prospective customers in these Fall Culling of Flock

can be sliced. It's piercing stuff, and of these companies has had a definite winter quarters, says C. G. Card, will bring tears to the eyes of a cast rural plan before. Now neither of them may refuse to make an extenfron dog. However, Charley says the them may refuse to make an exten-perpermint growers show no ill effects sion where there is 5 customers per quickly and easily now before bad his way from Mexico to "the land of particularily the greatly increased" weather sets in. whatever. They're comfortable in it. mile, not without a review before the weather sets in.

the building and further development Here is their standing since January is not the only thing to be done to of the co-operative movement, there 1: will be noticeable progress and worthy pear to me somewhat as follows:

in the future than at present.

(Continued on Page 1.)

## **FARM POWER LINES NOW AVAILABLE TO WESTERN MICHIGAN**

Most of State Is Served by Firms Agreeing to Build At Their Cost

Practically all lower peninsula of Michigan rural areas now have rural electric lines available under the plan the first cow-testing association in whereby power companies agree to build the line at their own expense in return for customer revenue, providing there is an average of five customers per mile for the proposed line.

In late September the Michigan public utilities commission at Lansing released an order bringing into the plan the Michigan Gas & Electric Co. and the Michigan Public Service Co., both serving western Michigan counties. The orders are practically identical.

Several Applications of Plan

Detroit Edison Company serving outheastern Michigan and the Thumb builds a rural line free if there is an average of 5 customers per mile. It asks \$100 for each customer less than 5 per mile. Its minimum monthly bill is about 75c. The Consumers Power, serving central Michigan, builds the line free if five customers per mile will guarantee an annual mile revenue of \$150, or an average of \$2.50 per month each.

The Michigan Gas & Electric Co. This memorial occupies a frame in and the Michigan Public Service Co., sumers, were ordered to build their Follows General Election and rural lines for an annual return of Quite a number of farmers who own 18% of the cost of construction. That trucks have expressed dissatisfaction is to cover earnings upon the investwith the matter of licensing trucks. ment and other carrying expenses. As Mr. Anton Kal- The customers are to get electricity linger of Lowell at current rates to apply against that ing of the Michigan State Farm Burputs it, "The farm- 18%. For example, the Consumers eau will be November 12 and 13th. The er who owns a 2 Power minimum of \$2.50 per month meeting will open at the Michigan or 3 ton truck and per customer, or \$150 per mile per Union Memorial building at East Landrives it from 1,000 year, figures 15% upon a standard- sing. to 3,000 miles a ized line construction charge of \$1,000 isn't fair when mile, and sometimes more.

Gas and Electric Application that drives many the Michigan Public Service, there- work that is advanced by knowledge time permit. times those distances but pays no fore are now under orders to build on these matters. legislative act would be necessary to mum monthly bill at 11/2% of the cost future will be presented. differentiate between farm and com- of the line per month per customer.

tee at the same time. Gas & Electric and Public Service ter-quarters at Lansing.

vice companies will be required to and program. The speaker and the its moods vary in kaleidoscopic fash-Twenty years ago at Grant, Mich- install 5 KVA transformers, sufficient entertainment will be announced lat- ion-now gay and brilliant with shimigan, Orley A. Rhodes, then Newaygo for all but the heaviest farm power er. Usually this dinner is attended mering hues, now drab and sullen, its county drain commissioner, drained loads. Customers shall install at by 800 or more. Rice lake. Duck hunters and fisher- least 60 ampere service entrance, The resolutions committee is charg- gods had invoked their wrath for some men then criticized Rhodes sharply which provides them with home line ed with incorporating the County Farm worldly misbehavior. Here indeed is for ruining their grounds, but farmers service for motors, range, water heat- Bureau resolutions and the general a study in contrasts. There is aper and other heavy load items.

How to Apply for Lines

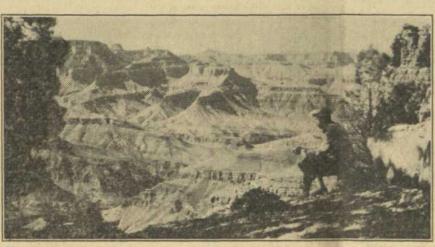
handle the crop, which runs to 1,500 The Michigan Public Service serves large delegate body from 50 county provided to suit the individual desire. rural customers in Muskegon, Oceana, Farm Bureau and 114 associated farm- A day is all too short to devote to this Recently I drove through that Lake, Mason, Manistee, Benzie, Lee- ers' elevators and merchandise asso- scenic spectacle, and now as the twiarea. Stacks of onion filed crates lanau, Grand Traverse, Kalkaska, An-ciations.

For miles one smelled onions. I counties should now go to the local wonder if the folks of that vicinity are offices of these companies and make in tears throughout the harvest. formal application for service under Editor's Note—Charley the Open-lander says that close to the pepper-previously made application or not. Selection of the best individuals to mint stills in Clinton county the air The action is now upon the definite spring laying flocks should be done is so thick with mint fumes that it provisions of the new plan. Neither before the poultry flock is put into

I am a confirmed optimist regarding of the future of co-operation in this son territories, serving three-fifths of the future of co-operation in this large lists of year. This is largely because the country. There has never been any rural Michigan, the large lists of year. This is largely because the question in my mind as to the ultimate place that soundly operated co- tinues to grow. The two companies duction year and the next year prooperatives will have in the farm busi- expect to connect 52,500 new farm duction drops about 20 per cent, Card ness world and the effect they will customers in 1936 and 1937. Construc- explained. Very few individuals are have upon the farmers' welfare. Upon the foundations now being laid for and day in some parts of the state.

Approved Be Served not to be minimized. achievements along definite trends in Consumers (8 mos.) 1583 mi. 9,107 the next few years. These trends apber-control will be much more evident 4,498 farm homes. The rest are which may be obtained by writing to we are ready for another "big day". States." awaiting the construction crews. (Continued on Page 6.)

#### Farm Bureau Folk to See Arizona, New Mexico and Texas TWO TAX AMENDMENTS ON BALLOT



The Grand Canyon of the Colorado at Desert View, Arizona. The Michigan and eastern states party will lay over here for a day of sightseeing before proceeding to Houston,

Texas leads all other States with six million cattle. The Farm Bureau train will cross the state and her ranch, cotton and oil regions, making several stops for sightseeing.



## ANNUAL MEETING OF FARM BUREAU **NOVEMBER 12-13**

Precedes Session of Legislature

Date of the eighteenth annual meet-

Coming after the general election,

ting service and meeting his guaran- November 11. That evening the Junior points in the world.

Annual Average Minimum Guarantee Minimum Bevenue by each Per Mo. Customers Customers \$38.00 216 43.20 252 50.40 4.20 Thirds A Day at the Canyon Thursday evening, Nov. 12, the Farm Bureau at Thursday evening, Nov. 12, the Farm Bureau is finds us at the rim of the Grand you of the Colorado in Arizona.

A Day at the Canyon For sheer beauty and magni splendor, this mighty example carrily erosion is without compa

insure egg production. Proper hous-Built or Families to ing and feeding are important factors

> Bulletin Room, Michigan State Col-lege Fast Langing.
>
> Leaving Clovis we enter the Pan-handle of Texas, that northern most lege, East Lansing.

## California Caravan to Stop Day to See Grand Canyon

Mexico and Texas to New Orleans

Editor's Note—December 1, Farm Bureau members from many states will leave Chicago by special train for the American Farm Bureau convention at Pasadena, Cal., Dec. 7-8-9-10-11. The Michigan Farm Bureau has an all expense tour by way of Denver, the Royal Gorge and Boulder Dam, and to return by way of the Grand Canyon and New Orleans. The Michigan group will get home about Michigan group will get home about Dec. 17. Last editon we outlined points of interest to Pasadena and the convention. We resume:

December 12, and the convention has adjourned. During the week we year is paying 2 to per mile. Actually lines may cost the political future of the nation and have enjoyed numerous side trips a large gypsum plant, manufacturing 5 cents a mile for less in some instances, but in most state will have been cast. The amend- around Pasadena. We have been of plaster, wall board and sheet rock, his license. That instances they average \$1,100 per ments will have won or lost. The com- privileged to visit the famous Busch citton gins, cotton compresses, cot plexion of the coming legislature and Gardens, the Carnegie solar observa- ton seed oil mills, creameries and state administration will be known, tory on Mount Wilson, and the San broom factories. The Michigan Gas & Electric and Farm Bureau delegates always have Gabriel Mission as our choice and

lines free for rural customers where The State Farm Bureau and its 12, we resume our journey eastward, city of Houston was named for Gen-According to the license division there is an average of five of them to subsidiaries will report a very good via the Santa Fe. During the after-eral Sam Houston, leader of the Texas the mile. They shall set the mini- year. Interesting proposals for the noon and evening we pass through forces in the war with Mexico. Where The Farm Bureau week, as it may groves, peach orchards and grape Texas met and selected Houston as 5 mercial truck. That was done recent- Against this monthly guarantee, the be called, will start with the annual vineyards. At Cucamouga, the Italian the first capitol of the republic. Sitly in the case of car trailer fees. Customer receives electricity at regularity in the case of car trailer fees. Customer receives electricity at regularity in the case of car trailer fees. Customer receives electricity at regularity in the case of car trailer fees. Customer receives electricity at regularity of the State Farm Mutual Vineyard Company operates the large united inland 50 miles from the Gulf No State makes a differentiation for lar rates. If his guarantee is \$3 per Automobile, State Farm Life and State est vineyard in the world. Redlands, of Mexico, it is today an important farmer trucks, according to advises month, it means that while he is Farm Fire insurance agents at the a charming city of 14,300 population, world port, dealing intensively in using \$3 worth of electricity he is get- Union building all day Wednesday, is one of the largest orange shipping ocean shipping. In November 1919

Farm Bureau will have open house for During the evening we cross the Mo- cotton. Today she has reached the We show what 11/2% per month all convention visitors and their jave Desert, noted in by gone days rank of second cotton port of America. means to each of five customers in friends at State Farm Bureau head- for its gold and silver mines. Consid- Other great industrial development erable gold ore is still being shipped has taken place on the banks of the Next morning the women of the from this region. Morning of the 13th, Houston shipping canal since the in-Farm Bureau will have an early break- finds us at the rim of the Grand Can- auguration of water commerce. In

For sheer beauty and magnificent splendor, this mighty example of Thursday evening, Nov. 12, the Farm earthly erosion is without comparison. The Gas & Electric and Public Ser- Bureau will have its annual dinner Hardly an hour of the day passes but creeping shadows sulking as if the Farm Bureau program into a working palling stillness in its abysmal depths. platform for the ensuing year. The Writers have attempted to describe it,

Some prefer to view Grand Canyon from its rim; others to explore its inand the directors expect to greet a nermost depths. Ample facilities are light hour approaches and we must be on our way, we turn to take one fleeting glance, impelled by the thought of how insignificant man is in the pres-Explained in Bulletin ence of this earthly creation. To know Grand Canyon is to love it, and yet one never really knows its complete mystery. So intriguing in its delusions that each visit conjures up new vistas to weave a charm and create a desire to return again and again.

Leaving Grand Canyon we traverse nearby.

a crater 600 ft. deep and 3 miles meteorite.

New Mexico and Texas

Will Cross Arizona and New "handle" for the state. Oklahoma has one too. Much of the land is used for grazing, but cotton, wheat, kaffin corn, grain sorghum and alfalfa are raised extensively.

Shortly after noon we arrive at Lubbock where we are guests of the Chamber of Commerce. This pros perous city is in the center of a productive farming and live stock country. We are in one of the leading cotton counties in the state.

Late afternoon and early evening we pass through several properous cities, including Sweetwater, which does a large wholesale and retail busi-

Houston, Texas

Morning, and a modern enterprising At 12:45 P. M., Saturday, December city of interest lies before us. The California's great orange and lemon the first congress of the republic of Houston exported her first bale of this area have been constructed more than 43 industries, including oil re-

ber of 1896.

September of 1935.

The weather bureau said that the

unusual rains for the month were fav-

orable to pastures, potatoes and sugar

beets and for a third cutting of al-

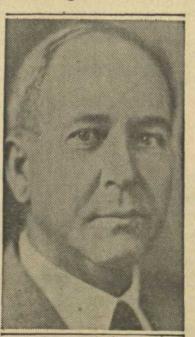
falfa, but not favorable for the ripen-

on Friday morning, which did con-

ing or harvesting of beans.

(Continued on Page 2.)

## Congratulates



a section of Arizona. Through this our State Farm Bureaus, I felt so Usually not more than 30 to 40 per gold". South of Flagstaff is Monte-membership in a number of our I am a confirmed optimist regarding

Public Utilities Commission.

Public Utilities Commission.

Public Utilities Commission.

Public Utilities Commission.

States, outstanding among them your cative Creamery Company is creeting tax from Michigan dropped to \$29,city is Sunset Mountain, extinct volown State of Michigan, that I felt I a large addition to its plant. Organ- 000,000. sulphur. Ice caves and lava flows are President O'Neal of the American farmers, it has enjoyed a steady fer that large corporations such as Farm Bureau wrote Sec'y Brody of the growth. It increased its business General Motors, Ford and others will

around, formed by the crash of a huge continued Mr. O'Neal. "In fact, I a large area, and has six trucks in poration, and the Ford Motor Car have always felt that you are going the field. Robert C. Blank is the Company, a Massachusetts corporaforward to build a big, strong mem- president, and Fred Walker the man- tion, can be taxed on their Michigan Sunrise finds us in the cattle and bership in your State. I know that ager. Other officers and directors income only. Their factories and sheep range section of New Mexico. by the end of the year you will reach are: Charles Coryell, vice president; personal property would be exempt An appetizing breakfast in the dining your membership quota. I know that Frank Dailey, sec'y-treas. These with under the amendment. Many other Details on culling methods may be car operated by Fred Harvey, who has you can fully understand my great Fred A. Wilson, Leslie Clark, William large corporations are incorporated Octroit Ed. (8 mos.) 873 mi. 4,288

Of the above, on Sept. 1, the Conobtained from Extension Bulletin 58 established an international reputation zeal and desire for a stronger memTroub, and Waite Stephens constiout of the state. So it would appear, Of the above, on Sept. 1, the Con-sumers had built 790 miles to serve of Michigan State College, a copy of for meals with quality and service, and bership in our big agricultural tute the board of directors of an im-that in order to carry on local govern-

> Sincerely yours, EDWARD A. O'NEAL a week to farmers for butterfat.

# **NOVEMBER 3 ARE NOT IN THE PUBLIC** INTEREST AND SHOULD BE DEFEATED

Farmer Can Lose Much of New State Aid for Schools If No. 3 Is Adopted; Under No. 4 He Can Lose Financial and Personal Voice in Local Government

No one is anxious to pay taxes.

Still less does he care about having any tax reduction taken away from him, or about having others' tax burdens shifted to him.

Upon the ballot November 3 you will find two proposed constitutional amendments that will bear looking into. No. 3 would eliminate the sales tax on food. No. 4 would eliminate all property and personal taxes for local government and school purposes and substitute therefor a state income tax.

The first has support from the food trade. If adopted it will cost city and rural school taxpayers a substantial portion of the \$22,000,000 of new State aid now being received by local schools under the Thatcher-Saur Act of 1935. It is estimated that food accounts for ten million dollars or more of annual sales tax revenues.

The property tax amendment is promoted by Detroit and other speculative real estate interests. Its enactment will require a state income tax that must raise about three times the amount that all Michigan corporations and individuals paid in federal income tax in 1935. The amendment will have the effect of concentrating financial control of all city, village, township and school governments at the state capitol. No local government or school will have any income except that which is received from the state "as provided by law."

The Michigan State Farm Bureau and associated farmers elevators are urging farmers to vote "NO" on Amendments No. 3 and No. 4. They are not in the farmers' interest. They are not in the public interest. Farm families were not considered when these amendments were written. Both were drafted by self-seeking, obscure groups, who took the constitutional amendment road in order to keep their proposals ness. Industries, include oil refining, out of the Legislature, where they properly belong. Regarding the proposed amendments, the Farm Bureau says:

#### 1. The money that provides for state government, \$22,000,000 of annual state aid to local schools, for the remaining welfare obligations, and for old age pension funds . . . all HAD SINCE 1896 comes from the 3% sales tax. Formtaxes on the real estate and personal

property. Inches More Rain Than 2. If state funds are reduced by cutting off a large portion of sales Last September; Aided tax revenues, funds for local schools Some Crops may be reduced. Last year when state funds were inadequate, Gov. Fitz-September of 1936 was the wettest

tax burden.

gerald cut all appropriations including September for the territory covered city and rural school aid. by the East Lansing station of the 3. Proposal No. 3 does not attempt U. S. weather bureau since Septemto reduce the rate of sales tax; rather it is an entering wedge to destroy the Seven and three-quarters inches of present main source of state income. rain fell in that portion of central If each class of taxpayer comes in Michigan during the month. That is and asks for a total exemption, it 4.85 inches more than normal, and 5.27 will not be long before our machinery more inches of rain than we had in of government breaks down, and we have an unfair distribution of the

#### See Text of All Amendments on Page 7

4. The sales tax is probably the The Michigan weather and crop only payment that many families summary for the week ending Sept. 29. make to support local government, as reported by the U.S. weather burschools and other services they reeau at East Lansing, went on to say: ceive. It was very warm the first of the

week, but cool thereafter, with light by this amendment, but their loss in 5. Farmers will benefit very little state school funds will be large. Proposal No. 4-Property Tax

siderable damage on low ground to 1. Under the 15 mill amendment, truck crops, beans and late corn. The farm property taxes are low and are frost was not generally killing, how-devoted almost entirely to county, ever, over any large area. In limited township and school district operaareas of both the upper and lower tions. peninsulas, potato vines were killed,

2. The amount of such local tax but in general late potatoes are still on real estate and personal property green and growing. Much corn has in 1935 was \$147,498,000. There was been cut and the bulk of the crop is no levy for the state. If Proposal beyond damage by frost. Additional No.4 is adopted, we shall have remainrains during the week delayed plowing as a real and personal property ing and fall seeding, as well as bean tax an annual levy of about \$34,000,000 harvest and other outdoor work. Peach for debt service. harvest is about completed and pick-

3. If Proposal No. 4 is adopted we ing of apples and grapes is in full shall have to raise by a state income tax about \$113,396,000 annually for ocal government and school pur-"In looking over the returns from Dairyland Creamery Is poses. That is nearly three times Making Plant Addition the \$41,757,000 paid by Michigan corporations and individuals in 1935 in federal income taxes. In the depres-Carson City-The Dairyland Co-opsion year of 1933 the federal income

Near Winslow is Meteor Mountain, Michigan State Farm Bureau recently. 15% last year. The co-operative built carry the burden. We are informed "I am betting on Michigan strong," a large, modern brick plant. It serves that General Motors, a Delaware corportant co-operative community en- ment and school operations as we do terprise. The creamery pays \$10,000 now, under Proposal No. 4 we should



Successor to the Michigan Farm Bureau News, founded January 12, 1823

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EINAR UNGREN..... Editor and Business Manager

Subscription 25 cents per year; 4 years for \$1, in advance;

SATURDAY, OCTOBER 3, 1936 Vol. XIV

#### We Are on a Rising Tide

There is a rising tide of farmers and city folks who want to join with others in co-operative retail stores and other enterprises. Within the past year the Michigan State Farm Bureau has had more requests for information regarding its co-operative business services than it has had in all the years since 1919. It's in the air. Letters come from rural communities and from towns and cities throughout the nation. Every day brings more. The interest of city folk in consumers co-operative retail grocery and other types of stores is astonishing.

Recently the magazine Time said in an able review of farmer and city co-operative enterprises in America:

"Never had the future of consumer co-operation looked brighter than it did last week. Consumer co-operatives expanded throughout the depression, and now boast some 3,000,000 members, and annual sales of \$400,000,000 . . . . Interest in co-operatives is undeniably rising."

In making this statement, Time includes farmers' co-operative elevators and other marketing institutions, which usually get into the consumer field by purchasing supplies for their farmer members. Farm Bureau Services, Inc., for example, not only serves Farm Bureau members, but members and stockholders of Michigan's milk, live stock, elevator, potato, wool and friut marketing exchanges. They do not maintain general farm supplies departments, but may handle commodities closely allied with the work of a particular exchange.

Aside from their influence for lower prices, the strongest co-op appeal, observed Time, is the appeal of quality. The co-operative is usually a stickler for high quality goods; the buyer knows precisely what he is getting. In most standard lines of co-operative fertilizer, machinery, sprays, feeds, coffee, soap, shoes, or what have you, the product is manufactured to specifications laid down by the co-operators.

"This is one of the reasons," Time told its world audience, why co-operative buying has become rooted so firmly among U. S. farmers, who well know that fancy brand names do not alter the tested formulas for fertilizer or laying mash. One-eighth of all U. S. farm supplies are now sold through co-ops, the volume having doubled from 125 million dollars in 1929 to 250 million dollars in 1934.

As an indication of what may develop in this country when farm co-operatives and city co-operatives gradually become great manufacturers, processors and plantation owners, Time points to these co-operative develop-

In Sweden co-operatives account for 10% of all manufacturing and 20% of all wholesale and retail sales. They operate most modern stores. One by one the Swedish Co-operative Union has cracked monopolies in goods Swedish citizens must have.

In Great Britain half the families are members of co-operatives. Their stores do one-eighth of the retail business. The English Co-operative Society has its own steamships, coal mines, olive groves, and in partnership with the Scottish Co-ops, owns the world's largest tea plantation. British Co-operatives rank first as buyers and millers of wheat, as makers of shoes, and second as manufacturers of soap. Their factories turn out everything from corsets to oil cake for feed, from automobiles to leather

The English co-operatives started with 28 families and \$140 capital in 1844. The Swedish and Danish co-operatives began in the 1880's.

In Michigan the Farm Bureau and associated farmers co-operatives serve the farmers in both marketing and purchasing capacities. We are producer and consumer co-operatives at one time. We co-operate with other State Farm Bureaus and co-operatives.

Consider that since 1920, we have built a state-wide supplies service; we own one of the largest and best equipped field seed businesses in the middle west: Ohio, Michigan and Indiana Farm Bureaus take the year around output of a great fertilizer plant that manufactures according to Farm Bureau specifications; these State Farm Bureaus own an oil and gasoline plant; a Chicago feed mill mixes feeds according to the Farm Bureau formulas; a great farm machinery plant, a binder twine plant of world wide reputation, a spray materials manufacturer of similar repute, and others are glad to manufacture farm supplies to Farm Bureau

Taking it all in all, farmer owned, co-operative business has come a long ways in Michigan and adjoining states since the war. It revolves around and is accomplished through the Farm Bureau and associated co-operatives. More than that,-since the depression, there is an important gain in this business service to farmers each year. When compared to the outstanding, successful co-operative enterprises in the world, Michigan rates notice. The stream of inquiries received by the Michigan State Farm Bureau confirms that.

> The next thing to having wisdom ourselves is to profit by that of others .- H. W. Shaw

#### When Gallant Foes Meet

Late in September James Aloyisius Farley and John Hamilton, generalissimos of the Roosevelt and Landon forces, appeared on the same platform in New York for addresses before a national forum. They were photographed in a friendly handshake. Both were grinning like Cheshire cats. They occupied adjacent seats. Jim got up and skinned the elephant. John belabored the donkey. One complimented the other as he returned to his seat. Later they left the platform arm in arm. . . . We've often wondered if such masters of campaign oratory wouldn't be embarrassed if they were to meet.

And the antics of the campaign speech writers! Peace to their consciences! Both parties seemed to be agreed that the farmer needs protection from surpluses, needs good prices, needs soil conservation programs, needs insurance against crop losses . . . . but under different

The main idea is to get elected. . . . After November 3, no matter which party is in control, we believe, it will be well satisfied to sit behind the present 42c a bushel tariff on wheat and other substantial barriers on other farm products, and carry on. If wheat, for example, should reach \$1.50 or more to the farmer, we should expect to see more enthusiastic effort on the part of foreign nations to sell in our market. There are other elements in the campaign that deserve more attention than a consideration of whether or not the farmer is suffering because drought and other causes are bringing him into the money again.

> Fortune, men say, doth give too much to many, But yet she never gave enough to any-John Harrington

#### Another Name for It is Monopoly

Farmers get ahead financially by selling farm products profitably, and by saving on expenses. There is a movement on foot that aims to force retail prices to remain at levels set by the manufacturers.

For ten years at Washington the American Farm Bureau has opposed the granting of legal authority to manufacturers of trade-marked merchandise to control the price that retailers may place on such goods. You saw a brief development of the price fixing or maintenance idea under the NRA codes.

Those who want the protection of law for high retail prices on trademarked merchandise have shifted their activities from Washington to state capitals, says the American Farm Bureau. Some sort of retail price maintenance laws have been enacted by twelve state legislatures. This winter the proposition is quite certain to come before the legislatures of eight more states, but not including Michigan, according to our advice. In recent years the legislatures of 17 states, mostly agricultural states, have rejected the proposition. If farmers want an effective voice in such matters, they'll do best by being members of a strong farm organization.

> "The wise saver is he who knows how to use his credit to best advantage, and spends wisely what he earns or borrows so that he can gain a profit," -F. Loretz.





#### The Stolen Nest

Is never content with a neat boarded home. But out in the garden, away from the rest, Right under the rhubarb she stole her own nest. She waited, of course, till the season was late, Then out she came, clucking, the old reprobate, And leading four chicks for the whole world to see (The whole world consisting of Marthy and me).

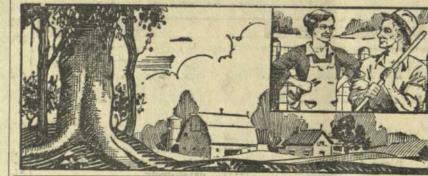
"Now, Hiram," says Marthy, "I lay it to you. You know well enough what Old Speckle will do. You know she has done it since goodness knows when, And yet here you've let her go do it again. Why don't you keep watch when you're working out there? You go to the garden enough, I declare, To stuff on the grapes and the muskmelons too-

"It's no fault of mine," I replied to my wife. all through with nesting at my time of life. It's Speckle's idea to nest in the Fall; But you should have known it, since you know it all. And one thing I'll tell you, they're not goin' to stay In my barn this winter, and scratch in my hay, So when it's too cold for Old Speckle to dig You can just fry them up, if they're little or big",

You're blind as a bat, and I lay it to you!"

"I will not", says Marthy, "them chickens are mine, And I'll be the judge of their livin' or dyin'. You fix them a place in the vacant box stall. In there they'll be safe and no trouble at all. Now, hurry and do it, before they get chilled. I won't fry them up, and I won't see them killed. I'll come right along so I'll know it's done right. Seems like I can't trust you outside of my sight."

And so, Gentle Readers, we fixed up the stall, All cozy for Speckle and chickens and all. And Marthy feels better already, I know, To think they'll be safe from the first fall of snow. I'll need the box stall when the heifer comes in, But the chickens are in as certain as sin, And unless Her mind changes the best I can do Is to hope that the heifer will steal her nest too.



The County Presidents

For some months we have been enjoying the task of presenting short life sketches of the presidents of Michigan County Farm Bureaus. They are men of mark. Each has a life history of ambition, accomplishment and interests in life that make interesting reading.

We have had some surprises in our interviews. These stories have to be more or less pried out of these every day citizens. You learn unusual things about men you've known for years. Here are some County Farm Bureau presidents we've presented:

Courageous Arthur Perrine of Jackson county who never lost hope when blinded in an explosion nor dropped his activities; today he sees again. A 1919 charter member of the Farm Bureau, youthful Clarence Reid of St. Clair county has risen to be state vice president. Determined Neis Hanson of Newaygo once drove a team 40 miles in real winter so as not to miss a Farm Bureau meeting. Ted Leipprandt, an all around co-operative farmer who started up the co-op leadership ladder a few years ago in Huron. S. D. McNitt, a grand old veteran from Muskegon county and still building. Six foot, six inch, 300 pound Alfred Grueber of Saginaw, a commanding personality anywhere, and an authority on farm sausage and smoked meat manufacture.

Ralph Davenport of Lapeer, farming since 1921, heads a Farm Bureau that brings national figures to its annual winter round-ups for Thumb farmers. Jc Haines of Oakland has no other name; his parents couldn't agree, so they made it Jc. He made himself a good farmer and co-opera-

Old Pete Wieland of Kalkaska, Antrim and Charlevoix County Farm Bureaus, was a Grand Rapids city fire fighter in his youth, and today he's a fire chief on the side at Ellsworth. Niles Hagelshaw of Kalamazoo farms 417 acres and has time for farm organization work. S. C. Kline of St. Joseph county called the turn when automobiles came in and left his blacksmith shop for a 200 acre farm; four county lines come to a center right there. William J. Hagen of Macomb isn't the golf star but he knows his way around in the co-operative milk, farmers telephone, and elevator business.

Master farmer Floyd Anderson of Clinton county got that way on a 240 acre farm. They called him master farmer in 1931. Mark Westbrook of Ionia is a hustler and the Red Polled cattle expert of the lot.

This edition we have Frank B. Martin of Calhoun. In his younger days he made a mark as an inventor of Battle Creek breakfast food products and the machinery to make them. Jerry Hubbard, the benign Shiawassee county president, doesn't look like a bass horn player, nor does he in any way suggest being the guiding genius of a mule circus. Read what we have to say about them in this edition.

All of these men have farm programs that rank with the best. You expect them to have wonderful families, and they have. And since they came from the ranks of the organization to follow good men in their turn, we know their contemporaries in other counties, and their successors will turn up with interesting backgrounds and future outlooks.

> Unumber'd suppliants crowd Preferment's gate, Athirst for wealth, and burning to be great; Delusive Fortune hears the incessant call, They mount, they shine, evaporate and fall. Samuel Johnson

> > Greeley's Handwriting

Many stories have been told about Horace Greeley's notoriously poor handwriting, which was a constant nightmare to his associates, and especially to the printers on the old New York Tribune, which he founded. One printer, being given a Greeley manuscript to set up for the first

time, exclaimed: "My God, if Belshazzar had seen this writing on the wall he would have been more terrified than he was." Later, it is said, Greeley wrote to the foreman, directing that the printer be discharged because he made so many typographical errors. The printer got hold of the note before leaving, and carried it to the foreman of another newspaper as a recommendation-and got a job immediately.

Once Greeley was invited to lecture in Sandwich, Ill. He wrote that he was overworked and would be sixty years old on February 3rd, and felt unable to take the engagement. After much labor in deciphering the letter, the committee replied that they would be glad to have him lecture on February 3rd, and that the fee of sixty dollars would be satisfactory .-Oil City (Pa.) Derrick.

We Fear These Diseases Less

Among the 16,000 school children in the city of Lansing there has not been a death from diphtheria since 1933. A few days ago we read that in the great city of New York five weeks of the early fall have passed without a child being lost by diphtheria. One of the deadlest diseases among children, diphtheria can be and is prevented or rendered less harmful by inocculating children against it.

Other serious diseases of children and adults have been coming under the control of man to a large degree. Our state capital is a community of 80,000 people. It has not had a case of smallpox in eight years. For every six persons taken by tuberculosis 50 years ago, we lose but one today. Progress is being made toward zero. Vaccination is the preventative against smallpox. We have learned much about preventing and

treating tuberculosis. Pneumonia is a scourge of the very young and the elderly. Taking care of the common cold is a very important step in avoiding pneumonia. Today doctors believe that the time is not far distant when we shall have serums for effectively combating the several types of pneumonia once they have gained a start.

#### Behind the Wheel

gressively less government finance, influence, and participation in the organization and actual operation of o-operatives.

"3. Increasingly more emphasis will be placed upon better trained men and upon sound business management for the successful operation of co-operatives. "4. Ways will be found to return

more beneficial interests to members, and definite lines of demarcation will be much more evident between members and non-members than at present.

"5. Much closer relations will be developed between business co-operatives and general farm organizations with a view to solidifying farm reprethe advancement of agriculture.

"6. There will be more complete recognition of and understanding of respective functions to be performed by producer co-operatives and by socalled consumer co-operatives. This Runnells, agricultural editor, in the will result in a corresponding understanding of the conflict of objectives which is now apparent between these two types of associations. "7. Essential adjustments concerning production and distribution of farm products will center more large-

ly in co-operative efforts of farm peo-"8. There will be a marked advance in the development of rural home services which will tend to raise the

standards of rural living. "9. Far-reaching economic and social community activities will be stimulated by the growth and progress of co-operation.

"10. Co-operative councils and unions of closely related lines of cooperations will continue to join hands with other types of farm organizations in working for constructive legislation essential for the welfare of agriculture."-F. W. Peck, Co-operaive Bank Commissioner.

#### The Poet **Gets His**

October 3. I have tried to make it up a set-up. by the TVA yardstick . . . (a dig at the editor for hollering so much that ught to be shorter).

Regarding the last one "A Garden task for having, as she supposed, rimed up her account of my Dad's antics at a picnic a month ago . . and she was really quite peeved, too

Really, I got the germ of the idea from my own wife's comments to me on a similar occasion. Yours,

R. S. CLARK.

Jackson. Sept. 21, 1936

Editor's Note: It appears that justice catches up with a poet after all. Not long ago I read the lines of one who sang many years ago that his was the life, since lord nor king could not tax his output nor bother him.

#### How Many Leaves?

How many leaves are required to produce enough food to develop a good peach? Experiments by the United States Department of Agriculture indicate at least 30 to 40 leaves are necessary. Forty to 50 leaves are necessary. Forty to 50 leaves are required to develop a good sized apple.

Producers of large peaches provide larger leaf areas-more than 40 leaves per peach-by thinning the fruit closely.

#### California Caravan to Stop Day at Canyon

(Continued from page 1) fineries, chemical works, flour mills, grain elevators, cement plants, fertilizer works, molasses refineries, oil and coal bunkering plants for fueling

of ships. From a humble city in 1836, Houston has become a modern city of skyscrapers, hundreds of miles of paved streets, boulevards, parks, fine schools and churches, and beautiful homes. In the evening we leave Houston for New Orleans. This description of points to be visited will be continued in our November edition, with the trip to New Orleans, a day to be spent in that historic old city, and the trip up the Mississippi valley to Chicago and back to Michigan .- A.

#### California Tour

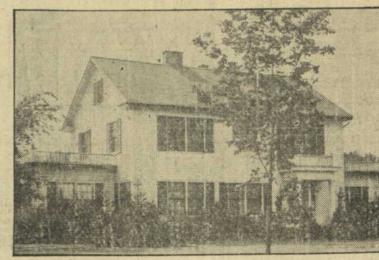
Organization Dep't Michigan State Farm Bureau Lansing, Michigan Date ....

I am interested in a Farm Bureau tour to the American Farm Bureau convention at Pasadena, California in December of 1936. Please send me additional information as available on the trip and the convention. No obligation, of course.

Name ... RFD.... State

The Farm Bureau tour to California and return by way of New Orleans in early December is open to Farm Bureau members and their friends, but all reservations for Michigan must be made through the Michigan State Farm Bureau. The same rule applies to other states and their Farm Bureaus.

#### Fine Home on Century Old Farm



on the farm of Mr. and Mrs. Melville McPhersons are there. Melville B. sentation in constructive programs for B. McPherson near Lowell in Kent McPherson, a leader in the Farm Bucounty. The farm has been in the reau for many years, is the fourth McPherson family for a century. It generation. He occupies a beautiful is being operated by the fourth and colonial home on the homestead and fifth generations.

This heritage of the land, wrote Dan Donald, the fifth generation, operate Grand Rapids

Press, has played an important part

M. B. McPHERSON to wn ship, Kent drouth, were comparable to those obcounty, said Mr. Runnells, is typical of tained a century ago when the first many places that have remained in family of McPhersons came out of the same family since purchase or the east to settle upon the land and nomesteading from the government. clear away the timber and stumps,

This beautiful colonial home stands | The fourth and fifth generations of spends his time helping his son, the farm.

The original homestead comprised around 300 acres, but it has been exin maintaining the panded through the years until now fertility of the soil the McPhersons own and operate as each generation nearly 800 acres, making it one of

has striven to pre- the largest "family farms" in the state. serve the produc- All through the five generations, tiveness of the the occupants have striven to mainland for the next, tain the fertility of the land. Wheat The McPherson yields reflect the good care given the farm in Vergennes soil. This year's yields, despite the

#### Amendments No. 3 and Use Copper or Sulfur 4 Should Be Defeated

5. Under the amendment no money and townships except as appropriated by the legislature. Township and local

6. Proposal No. 4 proposes to type isn't rubber and that the lines in real estate and personal property Lecture," my own mother took me to stitute therefor something we know fur has been used. A special sulfur

#### Enough for Supper

G. Elwood Bonine, member of the Cass County Farm Bureau, and op- of copper compounds.

## To Protect Flowers

(Continued from Page 1.) have to enact a state income tax that would reach every citizen according-

will be available for school districts governments and local school district I enclose "The Stolen Nest" for government are at the mercy of such

> throw away all that we have gained tax reduction in the last 15 years, including the 15 mill limit , . . and subnot where it will lead us.

Traverse bay, in early September.

Sulfur and copper are the chemials most commonly used to protect llowers from diseases. Rust, mildew, and certain leaf-

pots, such as black spot of roses, are checked most effectively with dusting sulfur. The so-called flowers of sulfur should not be used because it is too coarse and does not adhere to the foliage readily. Good dusting sulfur should be fine enough to allow most of it to pass through a sieve with 300 meshes to the inch.

Some gardeners dislike the yellowish residue on the leaves after suldust, known as "pomogreen", containing a green dye, is available for

Blights and many leafspot diseases are best prevented by the use erator of the Elkhart farms at Van- mixture is the most common and dalla, landed and 18 lb., 2 oz. lake most effective copper fungicide for trout off Northpoint point, Grand plants. It may be had in dry form for those who prefer a dust.

Classified advertisements are cash with order at the following rates: 4 cents per word for one edition. Ads to appear in two or more editions take the rate of 3 cents per word per edition.

#### LIVE STOCK

#### POULTRY

PULLETS! PULLETS! READY NOW, Leghorns and Barred Rocks. Also breed-ing cockerels. A Michigan R.O.P. breed-er. Visit or write Lowden Farms, V.O. Rives Junction, Mich. (Farm Bureau

#### FOR SALE-MISCELLANEOUS

MICHIGAN SEPTIC TANK SIPHON michigan Septic land and bell as recommended by State College Agr'l Engineering dep't. Build your own septic tank and sewage system. Install when tank is built. Installation and operation simple. Discharges automatically. Have been sold 16 years. All in daily use and giving satisfaction. Instructions with each siphon. Price, delivered, \$7.21 which includes sales tax. Farm Bureau Supply Store, 728 E Shia-wassee St., Lansing. (3-4-tf-60b)

#### FARM PROPERTY

FOR SALE-105 ACRES DAIRY FARM Rives Junction, Mich. (Farm Bureau north out of Grand Rapids, Walker members). Location, Pleasant Lake. Road, equipped—terms., W. O. Holmes, (10-3-tf-20b) Kent City, Michigan. (9-5-31-18p)



Sentiment and sympathy are likely to influence a verdict in a damage suit arising out of an automobile accident. Consequently, juries are often very generous with other people's money when damages are awarded.

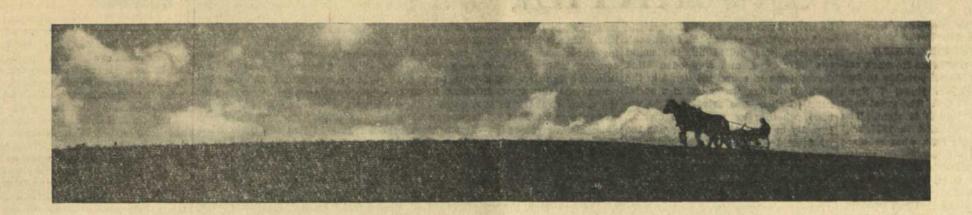
The most careful driver may find himself involved in an accident. He may fail to prove his innocence in court against the testimony of persons in the other car. An unfavorable verdict may ruin him . . . unless he carries good insurance.

Why carry such a great risk yourself when the State Farm Mutual provides adequate public liability and property damage insurance at very reasonable rates? Should you have an auto accident, it will defend your interests in court and elsewhere in accordance with the protection provided by the policy

We have more than 500,000 policyholders and 7,000 agents in 35 states in this national Legal Reserve Company. Let our local agent explain our policy to you.

#### State Farm Mutual Auto Insurance Co. Bloomington, III.

MICHIGAN STATE FARM BUREAU, State Agent-Lansing



# Mr. and Mrs. Farmer ...

# One Man Alone, Did Not-

- Save you 3% of the cost of all Farm Machinery, Livestock, Fertilizer, etc., by securing the Sales Tax Exemption for farmers. A saving to Michigan farmers of a million and one-half dollars annually.
- 2 Reduce the original 5% rate on Federal Farm Loans down to 3½% and 4%.
- Originate a plan for Rural Electrification that will extend rural lines without cost to the customer, and make available electrical equipment at reasonable prices and easy terms.
- Slash \$12 a ton off the price of fertilizers, introduce open formula feeds, and seeds of known origin, purity, adaptability and germination . . . . A saving to farmers of one million dollars annually.
- Secure \$65 State tuition for each rural high school student and State aid for rural schools . . . A saving in rural school taxes of over \$2,000,000 annually.
- 6 Win the fight for removal of tax on farm property for township, county and state roads . . . . A property tax saving of over \$21,-000,000 each year.
- 7 Secure the correction of farm property valuations to lower farm taxes to compare properly with those on city property.
- Win the zone freight rate case of 1923-24 which saves farmers of Michigan a half million dollars annually . . . .

The Farm Bureau Made These Things Possible

# One Man Alone Will Not-

- 1 Be able to increase tariffs against foreign vegetable and other cheap substitutes that now compete with American farm products.
- 2 Be able to secure farm-to-market roads that will bring farmers living off the main highways "out of the mud." For this purpose we support the use of federal money allocated for the relief of the unemployed.
- 3 Be able to hold the present low interest rate on Federal Farm Loans or secure further reductions in keeping with the times.
- 4 Be able to secure "parity of farm income" and a more equitable price for farm produce.
- Be able to assure the operation of the Soil Conservation program so as to make it most beneficial to farmers in this State.
- 6 Be able to continue the rural electrification program so that details can be "ironed out" which will make power available to every area in Michigan, under fair and co-operative conditions.
- 7 Be able to increase farmer patronage and co-operative business so as to continue to make quality merchandise available at economical prices.
- 8 Be able to work effectively for a happier and more prosperous farm life for you and your children.

This Is But Part of Your Farm Bureau's Program

# Consider Some Facts-

The Michigan State Farm Bureau is expending much effort each year to promote farmers' interests through co-operation. It built the seed, feed, fertilizers and other work of the Farm Bureau Services, Inc. Our long-time program to refinance highways and schools has lowered your taxes. We have provided a rural youth program. We provide automobile, life and fire insurance for farmers. We promote an education program! We have a continuous farm legislation program under way.

The Farm Bureau's trained field force helps organize County Farm Bureaus and assists local co-operatives. Our Michigan Farm News preaches the gospel of co-operation and self-help among farmers. It gives you the progress of farmer owned businesses in Michigan; its news and editorial columns keep you informed on legislative affairs at Washington and Lansing. All this requires strong support. This really is the first time we have talked about it!

# What Can You Do in Return?

Back up your sympathy with this work with a membership! Don't let it be said of the Farm Bureau as is said of an aged mother who brought up nine children, but the nine children couldn't support one mother.

Your opportunity will come during October and November! A member-ship campaign is under way. Won't you join up? Come in with thousands of others! It's a time for solidarity and growth! JOIN NOW!

# The Michigan State Farm Bureau

Department of Organization, J. F. Yaeger, Director
LANSING, MICHIGAN

Junior Farm Bureau

Shelby-The Oceana Junior Farm

Bureau has been organized, with mem-

bers from the ages of 16 to 27. Officers are Miss Anna Heer of Shelby,

president; Neil Weirlch of Hart, vice

president; Ruth Esther Kerr of Shelby, secretary-treasurer. The program

HARRY D. GATES CO.

Wholesale HAY Shippers

## OHIO FARM BUREAU **ACQUIRES EIGHT** STORY BUILDING

Trades Quarters With Pure Oil Co.; Bureau Began In One Room

downtown Columbus.

"Rapidly expanding services of the D. Lincoln, executive secretary.



OHIO FARM BUREAU BUILDING

Present quarters of the Farm Bu- the third finger of the right hand operative Life Insurance Company of catapulted directly into high with a in and out of tight places.

Organized in 1919 by a small group other cars of the period. of Ohio farmers to better their conditions through co-operative marketing, the Ohio Farm Bureau has advanced in 17 years to a state federation of county Farm Bureaus and co-operative service organizations serving various needs of 125,000 rural and urban families. Beginning operations in a three times thereafter by the need for affiliated service co-operatives now involve the services of more than 2,400 employees, including 276 in the state office.

Co-operative marketing and purchasing, centralized in the Farm Bureau Co-operative Association, now total in annual volume approximately protection, and serve seven neighboring states in addition to Ohio. The Farm Bureau Mutual Automobile Insurance Company, with assets totaling four and one-half million dollars, is now the eighth largest mutual casualty company in the land.

#### Robbed a Farm Co-op

Judge Gilbert of Traverse City early in September sent three socially prominent youths to the county jail for 10 days each, and fined them \$25 each, which they must earn themselves within 60 days. State police picked them up for breaking into the Provemont farmers' co-operative.

#### Soil Alkalinity Test Kits

The new Spurway test for alkalinity of muck and other soil is now available in kit form at 25c through county agr'l agents, or direct from the Soil Dep't of State College at East Lansing. A little of the soil to be tested is soakyellow color means extreme acidity. Purple indicates extreme alkalinity. Degrees of acidity or alkalinity are determined by comparing with a color chart in the kit.

his victory at Manila Bay.

# Farewell, My Lovely!

A Saga of the Passing of the Model T

the wanted gasoline, he alighted, along | crank two or three nonchalant upward | I see by the new Sears Roebuck cat- cap unscrewed, and a wooden stick saunter back to the driver's cabin, was ample doctrine. Some people alogue that it is still possible to buy thrust down to sound the liquid in the turn the ignition on, return to the when things went wrong, just clenched an axle for a 1909 Model T Ford, well. Refueling was more of a social crank, and this time, catching it on their teeth and gave the timer a smart Columbus, Ohlo-Climaxing 17 years but I am not deceived. The great days function then-the driver had to unof spectacular growth in the service have faded, the end is in sight. The bend, whether he wanted to or not. with plenty of That. The engine alof Ohio agriculture, the Ohio Farm last Model T was built in 1927, and Directly in front of the driver was the most always responded—first with a school that held that the timer need-Bureau has completed the transfer the car is passing from what scholars windshield-high, uncompromisingly few scattered explosions, then with a ed large amounts of oil; they fixed it of its properties at 620 and 632 East call the American scene—an under-erect. Nobody talked about air re-tumultuous gunfire, which you checked by frequent baptism. And there was Broad Street, Columbus, for the eight- statement, because to a few million sistance, and the four cylinders pushed by racing to the driver's seat and re- a school that was positive it was story Pure Oil Buliding, located in people who grew up with it, the old the car through the atmosphere with tarding the throttle. Often, if the meant to run dry as a bone; and they

> assortment of decorative and function- ple in my pocket. al hardware. A flourishing industry | Quite a large mutinous clique among The Model T was distinguished grew up out of corrective Model T's Ford owners went over to a foot acfrom all other cars by the fact that rare deficiencies and combating its celerator (you could buy one and screw its transmission was of a type known fascinating diseases. You bought a it to the floor board), but there was as planetary-which was half meta-radiator compound to stop leaks, a a certain madness in these people, physics, half sheer friction. Engineers clamp-on dash light, a sun visor, and because the Model T, just as she stood, accepted the word "planetary" in its a fan-belt guide to keep the belt from had a choice of three foot pedals to technical sense, but I was always con- slipping off the pulley. You bought a push, and there were plenty of moscious that it also meant "wandering", patching outfit, with a nutmeg grater ments when both feet were occupied Because of the peculiar to roughen the tube before the goo in the routine performance of duty nature of this planetary element, there was spread on. Everybody was cap- and when the only way to speed up was always, in Model T, a certain able of putting on a patch, expected to the engine was with the hand throtwheels, and even when the car was in ple bought rubber pedal pads to fit pedal quite as much as the regular neutral, it trembled with a deep im- over the standard metal pedals. Per- brake-it distributed the wear over perative and tended to inch forward, sons of a suspicious turn of mind the bands and wore them all down There was never a moment when the bought a rear-view mirror; but most evenly. That was the big trick, to bands were not faintly edging the ma- Model T owners weren't worried by wear all the bands down evenly, so In its palmy days the Model T could they would soon enough see it out in total and the whole unit scream for take off faster than anything on the front. They rode in a state of cheer-renewal. road. The reason was simple. To ful catalepsy.

The Anti-Rattlers After the car was about a year old, reau, acquired by the Pure Oil Com- around a lever on the steering col- steps were taken to check the alarmedifice, will serve as the principal your left foot forcibly against the low tlers was a popular panacea. You offices of the petroleum firm, whose speed pedal. These were simple, posi- hooked them onto the gas and spark general offices were moved to Chicago tive motions; the car responded by rods, the brake pull rod, and the steera few years ago. The new Farm Bu- lunging forward with a roar. After ing rod connections. One agreeable

rented space. Moving began the mid-glorious errand. The abruptness of T's, self-starters were not a prevalent temperature of his engine, the speed and strange. I still recall with tremthis departure was never equaled in accessory. Your car came equipped of his car, the amount of his fuel or bling those loud, nocturnal cries when The driver of the old Model T was trick was to leave the ignition switch described as the "splash system"). bright enough to read destinations by.

with everything else in the front seat. lifts. Then, whistling as though think-The seat was pulled off, the metal ing about something else, you would of the vital organs about which there a simple disregard of physical law. emergency brake hadn't been pulled were continually taking it off and There was this about a Model T: all the way back, the car advanced on wiping it. I have had a timer apart Martin attended country school, do-Farm Bureau have necessitated larger Mechanically uncannny, it was like the purchaser never regarded his pur- you the instant the first explosion oc- on a sick Ford many times, but I ing chores for his board. quarters for some time, and the new nothing that had ever come to the chase as a complete, finished product. curred and you would hold it back by never really knew what I was up toheadquarters will allow the convenworld before. As a vehicle, it was When you bought a Ford, you had a leaning your weight against it. I can I was just showing off before God. I fent and efficient housing of all of our hard-working, commonplace, heroic; start, a vibrant, spirited framework still feel my old Ford nuzzling me at remember once spitting into one; not facilities under one roof," said Murray and it often seemed to transmit these to which could be screwed a limitless the curb, as though looking for an ap- in anger, but in a spirit of research.

> dull rapport between engine and have to, and did have to. Some peo- tle. Most everybody used the reverse again. what was coming from behind because that the final chattering would be

had their own theories about every- to keep the oil supply right, in the pany in exchange for the downtown umn, pulled down hard, and shoved ing disintegration. A set of anti-ratin that wise, infinitely resourceful "Number One Bearing burned out on way old women discuss rheumatism. me and I had to have her replaced" Exact knowledge was scarce, and of- you would say, wisely: and your comten proved less effective than supersti- panions always had a lot to tell about reau home will provide 90,000 square a few seconds of this turmoil, you quality of the old Fords was that they the gas tank was a popular exped- One to keep her alive. tion. Dropping a camphor ball into how to protect and pamper Number feet of floor space, which will allow took your toe off the pedal, eased up had no bumpers, and their fenders lent; it seemed to have a tonic effect the organization to consolidate all of a mite on the throttle, and the car, softened and wilted with the years on both man and machine. The Ford Model T was a delirious season. Ownits offices, including those of the Copossessed of only two forward speeds, and permitted the driver to squeeze driver flew blind; the dashboard of ing a car was still a major excitement, America, and others now occupying series of jerks and was off on its During my association with Model an ignition key. He didn't know the days were golden, the nights were dim with a crank, and the first thing you the pressure of his oil (the old Ford you drew up to a signpost and raced learned was how to Get Results. The lubricated itself by what was amiably the engine so the lights would be

The timer on a Model T was one You see, the Model T driver moved in the realm of metaphysics.

One reason the Ford anatomy was never reduced to an exact science was that, having "fixed" it, the owner couldn't honestly claim he had brought about the cure. There were too many authenticated cases of Fords fixing themselves-restored naturally to health after a short rest. Farmers, soon discovered this, and it fitted nicely with their draft-horse philosophy: "Let 'er cool off and she'll snap into it

A Ford Owner had Number One Bearing constantly in mind. This bearing, being at the front end of the motor, was the one that always burned out, because the oil didn't reach it when the car was climbing hills. (That's what I was always told, anyway). That bearing was like a weak heart-you could hear it start knock-The lore and legend that governed ing and that was when you stopped the Ford were boundless. Owners and let her cool off. Try as you would

a man enthroned. The car, with top up, stood seven feet high. The driver sat on top of the gas tank, and when sat on the gas tank, and the gas tank, and the gas tank sat of the gas tank. goodbye. Farewell, My Lovely!

#### Presidents of County Farm Bureaus

Mr. Frank B. Martin, president of will be of interest to rural young the Calhoun County Farm Bureau, has people. The group will meet monthly. had an interesting part in making Battle Creek the renowned food city that it is. His mechanical genius lives in the operations of the great food plants. Mr. Martin is a native of Lancaster county, Pennsylvania. His parents came to Assyria township, Barry county, Michigan, when he was years old. The home they built in the woods still stands on the farm and is occupied. Until he was 14, Mr.

He struck out for himself as a farm hand. After six years of that, he rented a large

furnished farm on shares. They say he was a hustler as a farmer, with a bit of contracting, and dealing in horses and real estate on the side With horses, his speciality was to make balky, kicking and runaway FRANK B.MARTIN horses into good horses and sel

hem at a good profit. As a contractor, he took a contract from F. B. Garratt later to become a long time president of the Calhoun County Farm Bureau to cut and skid 250,000 ties at 6 cents per tie, and 75c per thousand for cut ting and skidding other lumber.

The Grand Trunk railroad got him for two years in '95 and '97, but in the fall of 1897 he went with the young Postum Cereal Co. at Battle Creek. His record there is such that although he is retired from active service he remains on the payroll at full pay. There's a reason. During his work

ne developed the idea of the thick flakes we call Post Toasties, and the ovens for cooking them. He made the machine for forming the loaves out of which Grape Nuts are made, and built the first carton machine. Into that machine went blank stock, and out of it came a complete carton or package. His filling and sealing machine has a capacity of 300 sample cartons a minute. Mr. Martin rose to be assistant superintendent in charge of production for his company.

Years ago he joined the Calhoun County Farm Bureau. He became a tife member. He was elected to the board of directors, became vice president and in 1936 became president of the organization.

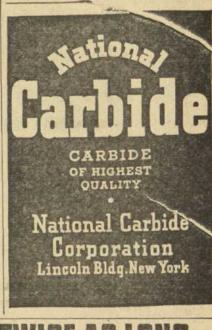
The custom of throwing rice at weddings is probably a survival of the ancient Roman practice of scat-







FARM BUREAU SERVICES 221 N. Cedar St., Lansing



#### one-room office, and forced to move Mrs. Wagar Writes About three times thereafter by the need for more space, the organization's ten Amendments, Annual Meeting

Program at State Farm

Seven Feet, Tip to Tip

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The New Yorker

Bu LEE STROUT WHITE

Ford WAS the American scene.

qualities to those who rode in it.

get under way, you simply hooked

It was the miracle God had wrought.

Bureau Annual

By MRS. EDITH M. WAGAR polls to cast your votes reflecting your the part we have played in it. best judgment on public matters.

quite often considered side-issues.

for calling for a past.

vote on some very far - reaching

MRS. WAGAR very best thought to these amendments. Study them as outlined in the columns of this paper the harness for real Farm Bureau

lower taxes. State Farm Bureau Meeting The annual meeting of the Michigan

Women to Have Breakfast | reports and enjoying the social contacts! Still when we tabulate the year's work, we cannot help but have a feeling of satisfaction in the progress made. The pace we travel may seem slow at times, but step by step we are One week before you receive our building a structure that means every-November issue of the Michigan Farm thing to Michigan agriculture. We services include auto, fire, and life News you will be on your way to the all have a right to personal pride in

It is a bit early to announce definite In a heated campaign such as we plans for the entire program, but are experiencing this fall, the matter plans are being formulated with the of amendments to the Constitution are thought of having the best annual meeting the organization has ever en-Perhaps this very indifference on joyed. That's saying a lot, for we've he part of the voters is the reason had some splendid meetings in the

Women's Program

For our women, we are planning on changes at this a breakfast on Thursday morning of particular time,- convention week. That will outshine who knows? Never- anything of the kind we have had. theless, proposed We want our women to make plans amendments No. 3 for being there. The Wednesday evenand 4 may mean ing program has been relinquished to far more to the our young folks. We shall concenfarm people of trate out time on the breakfast. An-Michigan than the nouncements will be made later as to choice of the ma- the place and exact time. The projority of office gram is only in the rough at present holders. We urge but we can assure you it will be worth you to give your your while to be there.

Women Doing Their Part Women are gradually getting into

ed in the testing liquid. The clear li- and then vote to protect the interests work. Many are writing new memquid is separated from the soil. A of our rural schools and to save the bers; many are serving on committees assistance we are now getting in on arrangements for all types of Farm Bureau gatherings; many are serving as secretary of the county organization or are writing the publicity for pave the way for better understand- enheit. ings of rural life by all classes.

Plan on being to your meeting Thursday morning, November 12.

# Shiawassee Folks Hear

Forum in Shiawassee county attended Denmark. the monthly potluck dinner and meet- The Burton-Carland Farm Bureau have therapeutic value, despite asing at the home of W. J. Brookins Forum or community group has been sertions of great germicidal power, ber 8. The meeting was addressed by years. It is a splendid social and dis- septic strong enough to kill organisms Editor Ungren of the Farm News. He cussion group. Educators, judges, as claimed would be injurious to described city consumers' co-opera- travelers and others gladly accept in- tissues, he said. "Why use the same tion at it exists in Sweden, and farm- vitations to address this Farm Bureau treatment in a sick as in a healthy ers' producer co-operation as it exists community organization. The Rev. mouth?" he asked. in Denmark. He said that in Mich- Frank Wright, now preaching in Alle- Stock medicines to be used by the ly both consumers (purchasing) and when he was a resident of Clinton value, declared Dr. Rickert, explainproducers (marketing) enterprises, county and interested in Farm Bu- ing that in order for them to be safe matter of assuring improved, fairly counties.

# **DENTIFRICE ADS**

Which Pays Heavily to be Fooled About Germ Killing Powers People pay about 60 per cent of the selling price of dentifrices to be fooled about their curative values, Dr. U. G.

Rickert, professor in the School of Dentistry, University of Michigan. In an interview with Betty Anne Wills of the Michigan Journalist, Dr. Rickert urged the adoption of a bill such as the unamended Copeland Bill to control false advertising.

The Council of Therapeutics, a body selected from dental and other scentific authorities, has ruled that there is as yet no evidence that any dentifrice can do more than be an aid to the brush in keeping the teeth clean. Lyon's and Pepsodent companies have tried to make the public powder-conscious, Dr. Rickert said, whereas the most important aid in keeping teeth clean is the toothbrush. Lyon's advertises "the dentist's way: use a powder," when actually, Dr. Rickert noted, the dentist mixes his own powder into a paste before he uses

**Dentifrices Are Cosmetics** That dentifrices are cosmetics, as ruled by the Council of Therapeutics. and accepted by the Food and Drug department and the Bureau of Standards, is illustrated by stress in their appeals on taste, whiteness, and making the breath pleasant, as well as by their unproved therapeutic value, Dr. Rickert believes.

Advocates Copeland Bill and dental professions before the multiple seizure power was jeopardized by the Bailey amendment, he stated.

Have No Therapeutic Value miscuous use by the public cannot

probably useless,

DAINTY THINGS WITH GENTLE WESTINGHOUSE WASHERS BIG BALLOON SAFETY ROLLS RELEASE EASIERI PROTECTION FOR ALL CLOTHES SAVE AT LEAST \$55 AYEAR RUBBER MOUNTED MOTOR AND TUB \$8995 THESE DOZEN LITTLE

## Westinghouse SERVANTS SAVE YOUR MONEY AND TIME

 Safest, speediest washing — even easier than "swishing" dainty garments out by hand; in fact, you can do the entire family washing with no more effort, with this Westinghouse Washer.

High-priced features on a quality, popular-priced washer - extra years of service without extra cost.

Save a dollar or two every week - know that your things are considerately handled, in your Westinghouse home laundry. Phone or stop in for a demonstration.

TEN HE SEE NEEDS WESTINGHOUSE

FARM BUREAU ALLEGAN-Farmers Co-op ANN ARBOR-Chas. McCalla, R-6

BAD AXE-Farmers' Elevator BATTLE CREEK-Farm Bureau BUCHANAN-Buchanan Co-ops COLDWATER-Coldwater Co-op DOWAGIAC-Farmers Elevator EAU CLAIRE-Co-op Exchg. GRAND BLANC-Co-op Elev. Co. GREENVILLE-Co-op Co. HART-Farm Bureau Store HARTFORD-Gleaners Co-op

SERVICES DEALERS HASLETT-Farmers Elevator HASTINGS-Farm Bureau Elev. HEMLOCK-Co-op Elev. HUDSONVILLE-Co-op Elev. IMLAY CITY-Farm Bureau JACKSON-Farm Bureau Store LANSING-Farm Bureau Store LAPEER-Farm Bureau Store LAWRENCE-Co-op Company MEMPHIS-Co-op Company OWOSSO-Kings Service THREE RIVERS-Reynolds Store VERMONTVILLE-L. R. Tubbs

# Livestock Feeders!

PPOFITABLE feeding operations this year will require that live stock be PURCHASED as cheaply as possible, FINANCED at a reasonable interest rate and when finished SOLD at the highest market value

The Michigan Live Stock exchange through its NATIONAL connections can furnish at cost plus a reasonable handling charge, all grades of feeding lambs, cattle and calves. A large assortment at our Dally Markets is now kept on hand at St. Johns and Battle Creek at all times. 5% FINANCING

5% MONEY is available for the feeding operations of all worthy feeders who have feed, regardless of where they purchase their feeders. SELLING Our new enlarged complete Selling Service now consists of not only Commission Sales Agencies on Detroit and Buffalo terminal markets, but daily market at St. Johns, and Battle Creek where all species of live stock are purchased each day and moved direct to the packers or the public market. All grades of dairy cows bought and sold at Battle Creek.

For complete information phone or write Michigan Live Stock Exchange

Secretary's Office, Hudson, Mich. Terminal Markets St. Johns & Battle Creek Detroit, & Producers Co-op at Buffale. N. Y. Listen to the Farm Market Reporter, sponsored by the Ford Dealers of Michigan via Station WXYZ and Michigan Radio Network, Mon., Tues., Wed., Thurs., Fri. at 12:15 p. m.

# Farm Women

What can a woman do Many women wonder? Isn't it really true Many women ponder? Men of the Farm Bureau Much work undertaking; Many plans for women New and in the making. Serve your family butter, Serve health's golden treat. Use beet sugar only, Just as good as cane; If one says it isn't Wonder if he's sane? An all purpose sugar, Helps build up our state, Jobs to many jobless, Don't you think that's great?

Home, a shop to make things That were raised on farm, Just if once you try it You will feel its charm. Cat tails make fine chair seats, Old silk stockings, rugs, Fruits and vegetables Need not many drugs, Useful kitchen curtains Dyed appropriate hue Cheers at your tasks daily Launders so well, too. Dress chairs in slip covers, change gives you a rest, also helps your color scheme, Thoughts work with a zest. Many wish to landscape, Give their lawns some cheer, Hunt plants right on the farm Study like a seer.

Give your best in doing What is yours to do; theer folks and be thankful For what God gives you

Honora Keady Schmidt Quarry Park Farm, Battle Creek, Mich.

#### Temperature of the Sun

State Farm Bureau is nearly at hand, the county Farm Bureau. These temperature is 7,200 degrees Fahr-How time moves on! It seems but things all assist far more than you enheit in the electric-arc furnace. boosting a new food, drug, and cos-May 1, 1898, Admiral Dewey won a few weeks ago when we were conthink. Your activity attracts the insidering resolutions and listening to terest of others and has a tendency of frozen helium gas, 458 degrees beclared, urging the reading of "The to create a desire to help in a good low zero. Yet the temperature at clared, arging the reading of line cause. Our women are eager to do the surface of the sun is 10,000 dehe stated, is authentic. The Copeland their part in bringing to their homes grees Fahrenheit; the sun's interior greater advantages and helping to is pribably 15 million degrees Fahrenheit. The Copeland Bill was satisfactory to both medical

> priced goods, in paying patronage pointing out that the amendment dividends, and in improving market- would make it impossible to seize ing returns as the Scandinavian co- more than one unit of goods, and operatives do. We take the improve- when seized, the case would have to About Swedish Co-ops ments we have made as a matter of be tried in the district court of the course, and we are surprised to find manufacturer involved. Eighty-seven members and guests that they parallel the highly adverof Burton-Carland Farm Bureau tised accomplishments in Sweden and Mouth washes produced for pro-

> near Owosso the evening of Septem- meeting regularily for nearly ten according to Dr. Rickert. An antiigan farmers' co-operatives are usual- gan county, helped found the Forum well and the sick are seldom of any They seem to be doing as well in the reau work there and in adjoining they must be harmless and hence

# John Ball, Michigan Pioneer Saw Far Places of World Co-op Tractors Have Been Delivered on Drive Away System Steel Men Believe Price of Fence Is Due for a Ra

At Tahiti Before the Mutiny

Grand Rapids soon become familiar to Vancouver. with the name John Ball . . . a pioneer | In "The Autobiography of John whose memory is kept alive. He was Ball," edited from his journal by his an important figure in early Michi-daughters, Mrs. Kate Ball Powers, Mrs. gan history. He never intended to Flora Ball Hopkins and Miss Luc make Michigan his home, but he did. Ball, published in 1925, he gives a A writer in the Grand Rapids Press graphic description of that journey. tells us the story of John Ball:

broken forests of Michigan and riding of the country at that time. his horse over Indian trails from De- "We left Baltimore," he writes, "on little village of Grand Rapids just 100 longest single railroad in the country.' years ago, on Oct. 18.

Ball, who came to Michigan to buy The party continued on foot and government lands for eastern invest- horseback to Pittsburgh where memors, was a lawyer, a graduate of Dart- bers embarked on a steamboat sailing mouth college and an extensive trav- down the Ohio to Cairo, Ill., where eler. He was the same John Ball who they took a Mississippi river boat for later became one of the pioneer busi- St. Louis. some of the land now known as John river, to fight Black Hawk Indians

up residence. He was an extensive provisions they started for Oregon. traveler who found his greatest in- After settling on a farm in Oregon, a distance of 1,500 miles, and averaged a pint of oil. lands and strange places.

Made Long Trek

In Baltimore he joined Capt. Wyatt crew of the Bounty mutinied in order

He Saw Crew of the Bounty and his party and they made the journey by water to St. Louis, where they joined William Sublette, fur trader, and his company, making the long overland trek to the Hudson bay settle-People who become acquainted with ment in Oregon and later pressing on

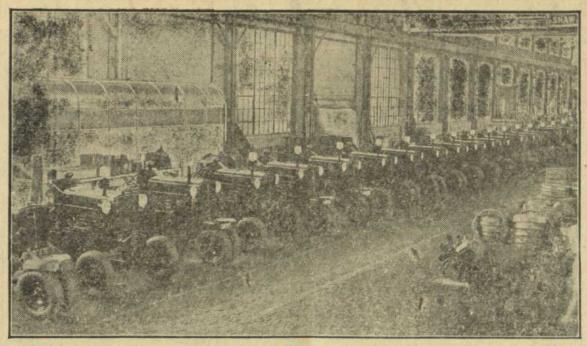
The narrative is as full of adventure Tramping through the dense, un- as a fiction tale, giving a vivid picture

troit to Lake Michigan, John Ball, na- the Baltimore & Ohio railroad which tive of New Hampshire, rode into the extended for 60 miles and was the

where Chicago now stands," he wrote. Ball had no intention of locating At St. Louis they started their jour-

permanently in Grand Rapids when ney up the Missouri river to Lexinghe first came here. In fact, he made ton, then overland to Independence the plant at Battle Creek, Michigan. many visits to the little town at the where they joined Sublette and his rapids of Grand river before he took party. With 80 men, 300 horses and No. 3 or a three or four plow tractor, 14½ miles per gallon of gas, and and covered some 5,811 miles on the always been its manager. He has been revival, predicts a great building

terest and excitement visiting new having become somewhat disillusioned close to 35 miles per hour. Gasoline Not long ago two tractors pulled out speed demonstrations. by the fur trading business, he again became restive and shipped on a whal-In 1832 he made a journey to the er bound for the Society and Sandwich to get back to the fascinating natives, upper peninsula in exchange. When ier, at \$8 a week." western headquarters of the Hudson islands. Writing of his visit to Tahiti, then sailed away to Pitcairn island." the news of Michigan's admission as Then follows a description of the Bay Co. in Oregon. He became inter- he says: "One day I made a long trip ested in this project after meeting to a part of the island where the ship



Co-op tractors, ready for delivery lon. No oil was added. delivery to points far distant from

demonstrations in Wisconsin, Minne- nouncements: That it has paid a divi- H. Sandford, V. V. Greenman. ness and professional men of Grand "We met a boat loaded with United from the plant. Since the tractor has Elmer Frerichs of Dennis, Kansas, sota, North Dakota, Montana, Nebras- dend every year, and that it is plan-Rapids and bequeathed to the city States soldiers sailing up the Illinois a road speed of 25 to 35 miles or reported that he passed a few model ka, Kansas and Illinois. One of them ning to take in new stockholders from more per hour, it is not uncommon T Fords and a freight train while takmore per hour, it is not uncommon ing his tractor home. M. E. Jacobson loaded a two bottom and a three ity. The Battle Creek Farm Bureau for purchasers to take drive away of the Farmers Oil Company at Able-bottom tractor plow. The other is one of the largest farmer owned Dr. David Friday, former president man, Wis., rode a Co-op No. 2, or two hauled a house trailer, equipped with elevator and merchandise associations of the Michigan State College and and three plow size, 407 miles in 23 a public address system. They per- in Michigan. It operates two plants nationally known economist, says the Clarence Medlin, age 19, drove a hours of driving time. He averaged formed before thousands of farmers in Battle Creek. H. H. Sandford has country is in a long term business from Battle Creek to Amarillo, Texas, found that the machine had consumed highways, and uncounted miles in recognized for his ability by being boom within 3 to 5 years and that plowing demonstrations and highway elected to the boards of directors of unemployment will pass.

After his return from Europe Ball

# Fence Is Due for a Raise

We are advised that the steel mills are operating at 73% of their capacity, which is an all time record. They have been operating at capacity for some weeks past, and at a time when the automobile plants are more or less out of the market while getting ready for new models. When the automobile firms resume production, steel mills expect to continue their pace.

Now the point of this discussion is that while the general run of steel mills are enjoying a great business, they say they are earning very little on their investment at present prices for steel. Labor is pulling for unionization and higher wages. The stockholders are soon going to insist upon a return on their investment.

Steel management will respond to these conditions by raising the price of all steel products, including farm fence, steel roofing, steel for tools, automobile, tractor and trucks. Steel men tell us that farmers are now buying barb wire from their dealers at about the cost of manufacture at the mill. If you are in need of fence, for example, we think it would be a good idea to keep in touch with your local dealer. Maybe you can order ahead of the rise. Such opportunities are given.

#### Battle Creek Farm Bureau Has 16 Successful Years the Michigan State Farm Bureau.

the Michigan Elevator Exchange and

Officers elected at the 1936 meeting are: President, W. S. Fruin: vice Battle Creek-The Battle Creek president, F. B. Garratt; H. H. Sand-Farm Bureau Ass'n at its 16th annual ford, secretary-treasurer; directors, Here are 18 of the Farm Bureau's consumption was ten miles per gal- of Battle Creek for a series of 40 field meeting made two important an- W. W. Sprague, F. H. McDermid, L.

#### All Good News

#### Insure in Michigan's Largest Farm Mutual Ball sailed again, rounded Cape celebrated by booming of cannon, I lumber which brought him an income some of John Jacob Astor's men in Bounty lay to take on breadfruit trees Horn, and reached Rio Janeiro where was walking along Jefferson-av. in of \$100,000 a year. Fire Insurance Company to be planted in the West Indies. The he met Lieut. David Farragut. He that city and passed two men who John Ball returned to Grand Rap-Assets and resources nearly \$300,000 over half of which is in cash, Government Bonds and Bonds guaranteed by the U.S. Government. Have paid farmers in Michigan over \$5,235,617,00 in losses since organization. Losses satisfactorily adjusted and promptly paid. shipped as secretary to the future ad- were talking earnestly. When the ids with his family Sept. 30, 1873. "The city was so changed," he wrote, miral, sailing on the warship back to cannon boomed one of them said, 'Now "that he hardly knew it."

FARMERS!

Blanket policy on farm personal which often pays double a classified policy, Credits in assessments allowed for approved fire extinguishers, fire resisting roof on dwellings and lightning rods. Assessment as low as \$2.94 per \$1000, Careful underwriting and systematic inspection reducing overinsurance and eliminating undesirable risks and fire hazards. DON'T JUST BUY INSURANCE—BUY PROTECTION. For further information write Home Office.

State Mutual Fire Insurance Co. of Michigan W. V. Burras, Pres. 702 Church St., Flint, Mich. H. K. Fisk, Sec'y

# Four Cents Buys You a Dollar

Substantial savings and investment plans say to you . . . If you will give us your dollar, we will give you four cents a year for it.

#### LIFE INSURANCE says to you:

If you will give us four cents a year, we will give your family this dollar should you die, even if you paid us four cents but once. We want you to live to enjoy that dollar yourself.

Few men have dollars to invest at four cents per year, but all men can create a growing fortune by investing in life insurance four cents per dollar per year. Under what other plan can you protect your family and yourself by paying interest and getting back the principal? Our local agents will be glad to explain our policies.

#### STATE FARM LIFE INSURANCE CO.

Bloomington, Illinois

MICHIGAN STATE FARM BUREAU, State Agent, Lansing

Separator

Here is one of the best separators made. Our manufacturer

has been a leader in the field for 40 years. You will find it

See the model which many Farm Bureau dealers have on dis-

play. The National Co-op guarantees the satisfactory

operation of its cream separators and maintains convenient

SEE YOUR FARM BUREAU DEALER

a good value.

stocks of supplies.

Co-op

High

Skimming

Efficiency

Low

the United States. He returned to Michigan is a state'." Lansingburg and then to Troy, N. Y., After prospecting around the state ment lands for eastern investors.

large areas in Michigan before com- was on all faces. ing to Grand Rapids and had a wide "Gov. Mason was pressed at once to village had great natural advantages," the wildcat banking. he writes, "I inquired the price of "We had our Grand River bank of ulously high in price.

Property Very High "I met Judge A. L. Almy in his Ball gives a vivid description of the were \$50 per foot, making a 50-foot Michigan." property was proportionately high.

building, the only hotel in the place, and of the first operation of the plaswas kept by a Mr. Godfrey and there ter mines, in which he was interested. were so many travelers it was badly overcrowded. It was difficult for him ship with Amos D. Rathbone. Their to keep a supply of provisions and as offices were on Lyon-st., opposite the for bedding, the narrow Indian blan-county building. "Rathbone," he writes, kets but poorly covered two sleepers "also was postmaster and I aided at

"The frame of the Bridge Street for letters." house was up and would be fitted for use the following summer. All above and in 1841 Ball again went into the Bronson-st. (now Bostwick Ave.) was woods, having been appointed by Gov shanties, about 10 in all.

site of the Rathbone house (Kresge's Ball to select the lands to be sold to new building) and Richard Godfrey's the settlers. So he went into the house was on the Catholic church lot woods again.

Half Population French

including two or three warehouses on try or in all the country about, ex- friend and adviser in John Ball. cept in Ionia county and it had not enough supply for its own consumption.

Having finished his land operations for the state, Ball went into law partnership with Judge Samuel S. Whit-

"Half the population in Grand Rapids then was French. They had foi- He built a large house at 458 Fullowed Uucle Loui Campau who had ton-st., E., which later became the been here as an Indian trader for 10 property of Mr. and Mrs. John M. years. Many of them were mechanics Quaintance. Ball also was one of the but many, like myself, were here to strong factors in the early developmake a living by their wits. All were ment of Grand Rapids public schools. full of life and hope as if success were a sure thing.

His autobiography is virtually peopled with early residents of Grand Rapids, a sure thing.

erty was too high, and then set out with the history of the city. again for the woods to look for less To the end his life John Ball was costly lands, and purchased some in found of traveling. In 1871 he went the northeast part of Allegan and abroad with his wife and two older western part of Barry counties.

Great Rush for Land "The rush for government lands was

so great and the soundness of the there. state banks so doubtful that the government issued an order that specie only should be received in payment for government lands. For this President Andrew Jackson was much abused, but this proved to be a much needed measure."

During the following year, 1837, Ball Communists." traveled about the state, mainly on horseback. "About this time," he writes, "Michigan was declared a writes, "came to Michigan in 1834. He

a state was received in Detroit it was building of his fortune in Michigan

and resumed his law business, but left Ball returned to Grand Rapids just never again went into active business in 1836 for Michigan to buy govern- as the financial crash of 1837 plunged although he made daily trips to the the people into despair. He says, "The office of Ball & McKee. He died in In politics Ball was a Jackson man, bubble had burst. The New York 1884, leaving to Grand Rapids the site a Democrat, which, he says, was then banks and those of other states had of one of the most beautiful parks in the dominant political party in Michi- failed or suspended payment, and all Michigan and a work of inestimable gan. He was a member of the Demo- speculation was at an end. Big for- value in the development of Grand cratic state convention which nomitunes had dwindled at the rate of 100 Rapids and of western Michigan. nated Michigan's first governor, Ste- per cent an hour. Instead of the walls phens T. Mason, for a second term of the hotels and public places being and Ball was elected state representa- covered with village plats and notices of land for sale as in the month be-Ball prospected for lands through fore, the walls were bare. Sadness

acquaintance among the early settlers, call a special term of the state legis-He made his first entrance into lature to have a law passed, as in Grand Rapids Oct. 18, 1836, when land New York, authorizing the banks to speculation ran high. "Seeing that the suspend, and this resulted later in

property and found village lots, wheth- Grand Rapids, of which A. L. Almy er corner lots or otherwise, were fab- was president and William Richmond cashier, and it was as good as the best of them."

office on Bridge-st. and he informed hard times of 1839 when, he says, "A me that lots on Canal-st. and Kent-st, blight seems to have fallen over

lot worth \$2,500. On Campau plat property was proportionately high.

He tells an interesting story on the discovery of plaster in the hills just The Eagle house, then a small west of the village of Grand Rapids In 1840 Ball formed a law partner-

times as clerk and, oh, how few called Later they dissolved partnership deep mud, the stumps still unremoved. Barry to select state lands. "At the There were few buildings north of session of congress in 1841," he writes, Monroe-st., except some temporary shanties, about 10 in all. "Louis Campau's house was on the improvement." Gov. Barry appointed

(Monroe-av.) which was the best Ball was to have been paid \$3 a day, but instead of cash, he was obliged "About the same number of build- to take state warrants worth but 40 ings stood on Waterloo-st, (Market-st.) cents. The lands first were offered for sale in August, 1843, at the state the river, for they had to get all their land office, then in Marshall. It was supplies on the water route by way of owing to these excellent farming lands Buffalo, Cleveland and Mackinaw, that settlers soon came to Michigan down Lake Michigan and up Grand in throngs, not to speculate, but to river. Nothing was raised in this coundevelop farms, and they found a

"I stopped but for a day, as prop- names which are linked importantly

children, the other two children joining them later. The family made Geneva, Switzerland, its headquarters and the children were placed in school

In Paris John Ball met his old friend, Martin Ryerson, father of Martin Ryerson, Jr., who presented the library building to Grand Rapids. This was in 1872. "My friend, Mr. Ryerson," he writes, "invited me to take a ride and see the destruction wrought by the

Goes Into Woods
"The elder Martin Ryerson," he state by act of congress. The Toledo war for the six-mile strip had passed frey, an Indian trader. Later he was and Michigan had agreed to take the employed by an Indian trader, Trout-

# THE "SPREAD"

## WHO GETS THE DOLLAR?

Over a period of years, Swift & Company's net profits from all sources have averaged only a fraction of a cent per pound.



O economically does Swift & Company span the gap between packing plant and retail shop that producers of the livestock, butterfat, eggs and poultry bought by the company are receiving

approximately 75 cents of the average dollar paid by retailers. The company's 1935 wholesale food dollar was divided as follows:

To producers of livestock and other	agricultural products 741/10¢				
For Labor (including wages and sala	ries) 10%o¢				
For Transportation	3 % o ¢				
For Interest	3/10¢				
For Supplies	43/10#				
	Supplies				
	the state of the s				
	3 %10¢				
Retained by Swift & Company:					
Depreciation					
Profit	the state of the s				
	100¢				

Hundreds and hundreds of miles must be traveled by the many products and by-products of a Kansas steer, Iowa hog, or Montana



lamb before they reach the nationwide outlets where retail shops await them. The routes over which they go radiate from each Swift & Company plant like the spokes of a wheel.

Each product and by-product must be individually prepared, made ready for shipment, and hurried on its way to that near or distant point, east, west, north or south, where it is in biggest demand. Often scores of sales must be made to market all parts of an animal.



In spite of the fact that many of the expenses listed above have increased - expenses over which Swift & Company has no control - 75 cents out of the average dollar received for meat and other

products have been returned to the producers of livestock, butterfat, cheese, eggs and poultry.

So small are Swift & Company's earnings that they have no appreciable effect upon livestock prices or meat prices.

# Swift & Company

In daily touch with every meat, dairy and poultry consuming city, town, and hamlet in the United States

## **MEMBERSHIP AND MEETINGS OCCUPY BUREAU GROUPS**

Hundred from Ottawa in Tour To Lansing; Amendments Discussed

paigns, opposition to proposed consti-tutional amendments No. 3 and No. 4, Alfred Grueber of and the meetings of Farm Bureau County Farm Bureau and Ray Allen of community groups are supplying nuch the Oxford Co-operative Elevator are activity for local organizations in all planning local meetings upon the

counties, united as the Tri-County at Buchanan. Fred Harger and Fred Farm Bureau, Fire Chief Pete Wie-Reomer of Saginaw are arranging a land and all hands landed 106 new meeting for the Bay City Farm Bureau members their first week out. They group. are continuing.

Legislative Counsel R. Wayne Newton Farm Bureau and local farmers coof the State Farm Bureau attended the operative associations in Mason and Tri-County annual meeting at the Big Oceana counties have joined in pub-Fish Inn, Ellsworth. Mr. Brody licly recommending membership in described the work of the organiza- the Farm Bureau organization, tion. Mr. Newton explained what is wrong with amendments No. 3 and 4 as far as the farmer is concerned. One hundred members braved one of the worst electrical and wind storms on record to be there. The meeting was held by candle light

Northwestern Next

the date this editor remembers as coming down with the influenza in an army camp in 1918 and joining 30,000 others in the same fix in that camp out to invite 'em in.

Ottawa Group at Lansing

visit State Farm Bureau headquarters its kind in the country.

and see the several departments in The suggested plan calls for the buildings in four groups. Being good lowing services: Hollanders . . . most of them . . . "The selected veterinarian will call

welcoming the Ottawa group.

ance service, "one in every 5½ Ottawa county owned automobiles is insured "Veterinarian will furnish all medishare, considering the number of com-panies writing automobile insurance. This service could be rendered to 70 Other companies," said Mr. Bentall, clients who are prospective members lead in 1926 in making automobile dues: A five-dollar membership fee insurance available to farmers at and an additional fee of 80 cents per terms that recognize lower rate of year per productive animal unit. The

by Seth Colburn, the Ottawa County the following: Farm Bureau group resolved to op- two young cattle, five hogs, seven pose constitutional amendments No. sheep or 100 poultry. A client who



#### Believe It or Not

We have discovered a Dayton pump owner near Lansing who has one of our old experimental pumps, serial No. 205. This pump has been giving good service for 28 years, and practically no repairs!

Dayton has the largest selling, highest quality and lowest priced line of farm electric automatic water systems on the market.

For full particulars and descriptive literature see your Farm Burea dealer, or write Farm Bureau Services, Lan-sing, Mich., or write

DAYTON PUMP & MFG. COMPANY 118 No. Hosmer Lansing, Mich.

wearing and the cheapest job.

aluminum paint . . . and floor paints.

Farm Bureau

House Barn Roof Enamel Varnishes

ONE GALLON OF FARM BUREAU HOUSE PAINT WIll cover 300 sq. ft.

two coats on average surfaces. It's a job that settles the paint question for many years. Our house paints are a combination of lead, zinc, and

inert with pure linseed oil and thinners. Good paint makes the best

FARM BUREAU QUICK DRYING 4 HOUR ENAMELS come in 14 colors,

including black and white. Brilliant gloss . . . no brush marks . . . washable . . . not expensive . . . and cover well.

OUR PERSIAN GOLF RED OXIDE BARN PAINT is bright red and

will not fade. We have a fine line of roof paints . . . wall paints . . .

BUY FROM YOUR FARM BUREAU DEALER

Farm Bureau Services, Inc., Lansing, Michigan

Clarkston and Bridgeport

At Clarkston's Independence Grange the evening of September 29 Editor Ungren of the Farm News spoke to the Grange and Oakland County Farm Bureau comunity groups upon the amendments. In another talk he said that Michigan farmers co-operatives rank well with the world advertised co-operatives in Sweden and Den-

At Bridgeport, Saginaw county, the community Farm Bureau heard Mr. Ungren speak on the amendments. and came to the conclusion that they Farm Bureau membership cam- were of no interest to farm citizens,

Alfred Grueber of the Saginaw In Kalkaska, Antrim and Charlevoix the community Farm Bureau group amendments. So is Alfred George for

September 23 Sec'y Brody and gaged in a membership campaign, Six

The week of October 5 . . . which is Farmers Group to Contract For Regular Vet Service.

A new co-operative enterprise is , bad 'cess to the date! . . . the being organized in Livingston county Northwestern Michigan County Farm under the guidance of the Co-operative Bureau, composed of Grand Traverse, and Community Services section of Leelanau and Benzie counties will go the Resettlement Administration and extension service of Michigan State College to enable clients and low in-Thursday, October 1, one hundred come farmers to obtain necessary vetof several hundred new members in erinary service at a minimum cost, Ottawa county drove to Lansing to The co-operative will be the first of

action. They had dinner in the Farm formation of an association which will Bureau dining room, heard some talks contract with one or more veterinarby department heads, and toured the lans in the county to perform the fol-

they had a snack of coffee and sand-wiches in mid-afternoon before the month to render all ordinary veteri-"The Farm Bureau is nearly 17 trating, docking, vaccinating, giving nary services such as dehorning, casyears old. No organization will live feeding advice and arresting any inthat long unless it is serving a useful cipient diseases before they have purpose," said Secretary Brody in reached an acute stage. In addition to this, the veterinarian will give two "In Ottawa county," said Alfred emergency calls per year and will Bentall of the Farm Bureau's insur- render additional emergency calls at

in our State Farm Mutual Automobile cine except vaccines, serums, and Insurance Co. If we had one in 40, other very expensive pharmaceutical we probably would have our fair preparations which he will furnish at

"have followed the Farm Bureau's of the association for the following accidents and losses among farm productive animal unit is the one used by the Michigan State College farm On motion of Hiram Andre, second management division and consists of 2 and 3 and work locally for their had four cows, two heifers, two broad sows and their litters, and 100 poultry could be a member of this association at an annual cost of \$13.

#### Ideas for Improvement

they encouraged the staff to put for- search assistant in agricultural enward ideas for the smoother working gineering at Michigan State College. of the business.

One morning he was shown into the that he had thought of a way of enbe late in future.

"That sounds good," said the chairman. "How do you propose to do it?" "Sure and that's aisy, sorr," said

HORSES LEAD MULES 23/2 TO 1

#### With the Presidents of the Michigan County Farm Bureaus

There are two things that folks speak of when the name of Mr. Jerry H, Hubbard of Middlebury township, Shiawassee County, president of the County Farm Bureau, is mentioned . . . . mules and barns.

For years Mr. Hubbard, assisted by his sons, traveled throughout the middlewest with a troupe of trained mules. Those 14 trained mules and their equipment filled a 60 foot express car and were exhibited at the largest fairs and amusement places from 1923 to 1927. They "did their stuff" in the states of Illinois, Missouri, Iowa, Wisconsin, Minnesota and Michigan, much to the amusement of adults and children.



When it comes to barns, Mr. Hubbard sports the largest circular barn in Michigan if not in the entire United States. It is 100 feet in diameter and 74 feet in heighth. The writer saw 120 tons of hay in the huge mow. It hardly filled one corner. Coming down the road one sees the metal roof for miles as it

cleams in the noonday sun. The ground floor is built with cattle stanchions in a circle around an open area which serves as a covered barnyard. It was in a part of that barn that those 14 trained mules were kept

and put through their tricks. Today the

barn floor is at times used for community

mules left. Two of them are hurdle jump-

ers or what Mr. Hubbard calls the "high

of the lower part of the barn. Poultry has

40 acres of apple orchard. The business

of driving four mules around a race track

while standing in a swaying chariot no

far distant. Two sons and two daughters

gladden the hearts of their parents. Orson,

a graduate of Michigan State College, is

in New Jersey and is this year entering the

a fine family orchestra. Dad plays the tuba, (a couple

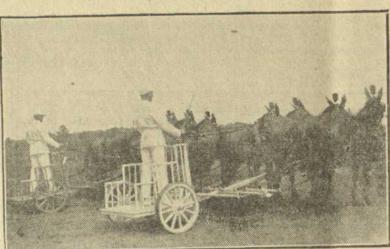
of arms full of bass horn), Orson the trombone, Esther

ms Pussell the cornet and Jeanette the clarinet.

longer appeals to Mr. Hubbard.

circus was staged thereon.

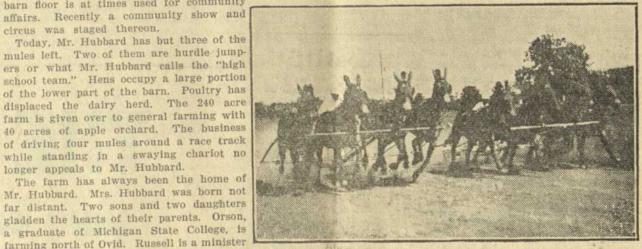




TOP-A poster advertising the H. W. Hubbard & Sons mule circus of Ovid, Michigan, to midwest state and county fairs a few years ago. Included in the troup was a 1,400 lb. white mule -a fancy stepper. A pair of dapple faun brothers enjoyed cutting figure eights and other stunts. Another pair jumped hurdles, four of them, in tan-

LEFT-Lined up for the chariot race. Eight fat, slick mules, trained for the run and keen to win, said the billing.

BELOW-Down the home stretch! The mules had a record of 65 seconds



Mr. Hubbard has been president of the Shiawassee County Farm Bureau for one year and a member of

He is also member of the Grange, a former lecturer

#### Drew Seminary in that state, Esther, a graduate of Central State Teachers College, is supervising music and art in the Ionia High School. Another daughter, the county board of directors for three years. When they're all at home, they, with their Dad, are

in that organization and a charter member of the Ovid Grange. For two years he has been president of the Burton-Carland Farm Bureau, a community organization. Both Mr. and Mrs. Hubbard are active in church

#### Clean Fresh Air Aids Dairy Cows and Pullets

Jeannette, is attending C. S. T. C.

Dairy cows and laying pullets and Dairy cows and laying pullets and hens are neither fresh air "fiends" or Hope for Thousand Michigan street, Chicago. They have asked warm corner spongers in winter time, Donovan worked in a factory where in the opinion of C. H. Jefferson, re-

He finds, however, that in the approach of winter weather dairymen office of the chairman, and announced and poultrymen can find usually a There is a matter on which we need lowed up. One thousand replies commore profitable combination of venti- your assistance at once and we know ing from all parts of Michigan would suring that none of the hands would lation, insulation and maintenance of you will not fail us. Donovan. "The last man in blows the desirable one to maintain without of caring for the sick. Perhaps steps many cases of impaired eyesight as rentilation.

States Department of Agriculture re- air, as a uniform temperature is con- turn to their office. ports 11,637,000 horses and 4,685,000 sidered more desirable than an abund-

Most important to watch in winter mail it at once to the American Farm once time is the frost and damp air which are considered favorable to poor production and disease when walls, floors and litter become damp. Moisture rots the building and rusts the equipment. Closed buildings retain heat better, but cause moisture condensa-

with an adjustable opening just in fuel, and implements. Sales of the front of the roosts. Plans for ven-co-op gas station totaled \$21,000. But these destructive rains and tilation construction may be obtained and a patronage dividend of 10 per- mild temperatures become a blessing from county agricultural agents or cent was paid. A co-operative can- for lands planted to winter crops. from the agricultural engineering de- nery and laundry added \$5,000 more The cover grows to maturity when partment at the college.

#### Dried Fruit

suspicious of a lump in Jimmie's now being considered. cheek. "Jimmie, are you eating candy or chewing gum?" she asked.

soaking a prune to eat at recess."

distant relatives are a good deal shot at backing the chariot into the City lived only a few years. The better that way.

| i garage.—Grit. | oil was exhausted.

#### Farm Women Are Asked to Report on Medical Costs

Replies to Survey of Communities

By MRS. EDITH M. WAGAR Farm Bureau women of Michigan!

poultry houses. In the dairy barn, ation is now making a medical survey thereof to our people. for instance, a temperature ranging of our country to learn the needs of around 45 degrees is indicated as a the rural folks concerning the cost of dental work and that there are excessive use of insulation or lack of can be taken to relieve the situation. well as infirmities of all sorts that So they have prepared a question- are being left unattended for the sim-Where insulation is too costly, he naire on the subject and are asking ple reason that we cannot afford to The last estimate of the United recommends some sacrifice of fresh us to fill it out in its entirety and re- have the correction made.

that at least 1,000 replies be sent from Michigan. It would be impossible for us to contact each one of you separately, so we are taking this method of making the appeal to you, trusting that our request will be folgive us all a fairly accurate estimate comfortable temperatures in barns and The American Farm Bureau Feder of medical facilities and the cost

We all know that there is great need

Some fatal illnesses might have The questionnaire is on page 16 of been avoided if the cost of care had mules in the country on January 1, ant supply of fresh air in the dairy the September issue of "The Nation's been within the reach of the family barn. Even in poultry coops in win- Agriculture", the official organ of the purse. If there's any way whereby ter he suggests a damper in the out- National Farm Bureau. Please tear our co-operation can improve this conlet flue to combat excessively cold out this page and answer the questions dition, let's find it. Hunt up your to the best of your knowledge and last paper and send in your replies at

#### A Co-op Town

Co-operative business in the little own of Hermiston, Oregon, with a population of 600, is reported to have and the co-operative grocery report- the land would otherwise be idle, ed sales of \$26,000. A community and does not interfere with the recredit union has been established. gular cropping system.

Turkey and creamery co-operatives Crimson clover is a winter cover The teacher had forbidden the eat- were the major marketing co-ops, that admirably protects southern ing of candy and chewing of gum dur- Creation of a co-operative bakery, soils from erosion. It adds humus ing school time. On day she became meat curing plant, and tannery is and provides pasture. Vetch is often

"No," replied Jimmie. "I'm just "What do the ruins of Ancient Egypt

#### Why Michigan Vetch Is Wanted in the South

totaled almost a quarter million dol- from erosion in the south during the lars in 1935 with an additional \$250, winter. Usually left unprotected, In the poultry house, two intake 000 business transacted through it is washed and leached by the heavflues between the windows in a 20 by marketing co-operatives. The Farm lest rains of the year. There is no Bureau, dealing in feeds and seeds, friendly cold weather to keep the enter, rise between the studs and come had gross sales of \$147,000 in 1935. land frozen together and no slowly out near the ceiling. Rear intake The Grange Co-operative handled melting snow from which the water flues admit air near the ground floor \$36,000 worth of lumber, hardware, gradually trickles, as in the case in

added to clover because its mat of roots binds the soil more securely to

There are more than 100,000 miles really prove?" wonders a writer. Prob- of oil pipe lines in the U. S. today, the ably, among other things, that Ancient first having been built near Pithole Uncle Ab says that most of his Egyptian wives insisted on having a City, Pa., in August, 1865. Pithole

#### Farm Electric Lines For Western Michigan

(Continued from page 1)
The Detroit Edison is doing a splentroit Edison has added several hun- sages. dred farm customers to its old lines, eastern Michigan.

Work Night and Day

In some sections of the state construction crews were reported to be presents approximately one-quarter of working night and day in an attempt to bring electricity to farmers at the earliest possible date. Each construction crew is divided into units.

After the engineers survey and stake the line, the night crews drop the poles and the "trimmings" near the stakes for the day crew to set and install. Ground crews attach crossarms, braces and insulators, preparing the way for the "air" crew to stretch the line and bring electric energy to the farm, where the "meter men" complete the connection.

Cost of Electricity

Under the Michigan Plan, whereby power companies are building lines in exchange for revenue, some farmers are said to be holding back extensions because they believe they may not use as much as \$2.50 of electricity per month.

In one of the larger power company territories, \$2.50 buys 54 kilowatt hours of electricity. The average consumption by 23,345 farm customers in August 1936 was 85 kilowatt hours per month, as against 67 kw-hours for August 1935.

The 85 kilowatt hours cost farm ustomers of the company an average of 3.16c per kilowatt hour. Considerable of that amount was delivered at 2c per kilowatt hour.

When customers buy electric energy, they are actually buying work. This should be especially attractive on the farm where there is so much work to be done. One kilowatt-hour, defined as work, is the combined muscle power of 13 people for one hour.

In some communities construction is retarded even after right-of-way for the pole line is secured and contracts signed because some of the customers have failed to wire their buildings. Consequently, these communities wait longer for service while onstruction is advanced on other extensions, where the wiring is completed and the customers ready for service. But don't wire your buildings until you are sure the extension is a certainty. Check up with the power company.

#### Fluent

Note from teacher on Betty's report eard: "Good worker, but talks too

Note from Father over signature on back of card: "Come up sometime and meet her mother."

#### Telephone in Michigan

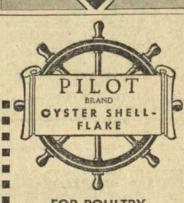
Improvement in business of the Michigan Beil Telephone company did job in Lapeer, Sanilac, Tuscola during 1935 reflected the improveand Huron counties, where in eight ment in general business, with a net months they have approved 662 miles gain of 32,763 telephones and an inof line to serve 3,224 new rural cus- crease over 1934 of 6.7% in local mestomers. At the same time, the De-sages and 9.7% in long distance mes-

A total of 136,963 telephones were and many new customers in south- connected during the year, and 104,200 were disconnected, the gain of 32,763 comparing with a gain of 21,062 in 1934. The total gain for the two years rethe telephones lost from the peak of









FOR POULTRY

Pilot Brand Oyster Shell is the safest and most productive egg shell material obtainable.

Its use is a profitable habit with most poultry men throughout the country.

# Long Distance Telephone Rates Now Lower Than Ever

Note the comparison of the new reduced rates and the old rates for long distance calls between the representative cities listed below. Rates for calls between other points are correspondingly low. These reductions apply to station-to-station rates . . . day, night and all day Sunday.

	TYPICAL 3 MINUTE RATES		STATION-TO-STATION			
	BETWEEN	AND	DAY		NIGHT AND SUNDAYS	
			NEW	OLD	NEW	OLD
	Cadillac	Port Huron	\$1.00	\$1.10	\$ .55	\$ .55
	Ann Arbor	Alpena	1.05	1.15	.60	.60
	Grand Rapids	Escanaba	1.05	1.20	.60	.60
	St. Joseph	Menominee	1.10	1.25	.65	.65
	Monroe	Petoskey	.1.15	1.40	.70	.70
	Saginaw	Negaunee	1.25	1.55	.80	.80
	Niles	Iron Mountain	1.25	1.55	.80	.80
	Sault Ste. Marie	Detroit	1.25	1.55	.80	.80
	Flint	Marquette	1.30	1.65	.80	.85
	Marquette	Jackson	1.35	1.75	.80	.90
	Lansing	Ironwood	1.50	1.90	.90	.95
-	Pontiac	Houghton	1.55	2.00	.95	1.00



MICHIGAN BELL TELEPHONE CO.

### DROUGHT WORST **NATION HAS HAD** IN FORTY YEARS

Feed Supplies Cut 40 Per Cent; Says Washington in National Review

Washington-The drought this year is the worst the country has known in more than two generations in respect to both heat and dryness, said the U. S. Department of Agriculture in its September review of the farm situation. Places in the west not only have had less than 10 per cent of normal rainfall, but have had 30 to 40 days with temperatures of 100 or above.

The season now is so far along that no amount of rain will greatly change the output of the principal northern crops in important areas.

Corn, the mainstay of the animal industries, is about half a crop; it is the smallest in more than 50 years. It is being widely cut for fodder and silage. The total production of the four chief feed grains-corn, oats, barley, and grain sorghums-appears likely to amount to not much over 50,000,000 tons-about 40 per cent less than average.

But the bigness of this country is illustrated by the fact that despite the widespread drought area, there is still an extensive region—the cotton belt- turning out a larger crop than last year. Likewise, there is the nearly 2,000 mile stretch of Pacific country with excellent crops. The total food supply is estimated at 97 per cent of last year.

The tight feed situation is beginning to bear down heavily on livestock producers. Dairymen in many instances have had to feed not only grain, but hay and silage as they would in the winter.

There has been some liquidation of both cattle and hogs. The slaughter of cattle, calves, packing sows, and of young early farrowed hogs began to increase markedly in July. Hog prices, however, have been firm. This is one respect in which the livestock situation differs from 1934. Hogs are worth something now. This fact provides incentive for hog raisers, but it also makes a more competitive situation all along the line for all users of corn.

The drought has cut the output of milk and butter sharply. July production was the smallest in 13 years Butter prices have advanced accordingly. Eggs, on the other hand, have California Making Plans to been plentiful, the east and west coast having offset the middle western

The great unknown is the character of the coming winter. Will it be severe like that of last winter? Then low history, the American Farm Bureau temperatures and heavy snows forced Federation will this year hold its anfarmers to draw on their resources nual convention on the Pacific coast. much earlier than they had expected Pasadena will be the host city to Farm and finally, much more heavily, Bureau folks for an entire week, especially through all the northern starting December 7, when the Asso-States. The time of the first killing ciated Women of the A. F. B. F. and frost may still figure importantly in the California Farm Bureau Federathe final out-turn of corn. Snowfall, tion gather for their annual meetings. both the time of its coming and its Ther extent, will determine for thousands three-day session of the A. F. B. F. of farmers the rate at which they will program. draw on supplies in hay lofts, silos, granaries, cribs, and stacks.

Watch Price Trends ucts after the 1934 drought. Farmers significance. The speaking program more importantly in plans than 2 during 1937.

are inclined to belive, there may be unofficial opening of the week's events. two prominent results:

equipped to gauge them.

ed this fall in as large numbers as the will be staged in Brookside Park, prospects of reduced feed supplies only a few blocks from the Civic Audiordinarily would suggest. The result: torium, where the convention sessions the drop in prices before January 1 will be held. A carload of steers now may be less than was expected earlier | being fattened in Los Angeles County. or might have been expected if farm- will be roasted over pit fires to demon-1934 to draw upon.

Secondly, the eyes of farmers have quality beef. been sharpened by their 1934-35 experience to expect higher prices next bers, attracted by the opportunity to spring and summer. The result: they combine an outstanding vacation trip may have larger numbers of ani- with attendance at the convention, mals available for market then, more are planning to take advantage of the nearly meeting requirements and pre- all-expense tours arranged by the venting as much advance in prices as state Farm Bureaus in New England, might be expected.

#### Mrs. J. C. Redpath

Mrs. J. C. Redpath, for many years states. active in the work of the Kalamazoo County Farm Bureau, passed away late in August at Arbutus lake in northern Michigan. Mr. and Mrs. Redpath were among the first Farm Bureau members in Michigan. For on the children how important had = years Mr. Redpath was president of been the discovery of the law of the Kalamazoo county bureau, and gravitation. Mrs. Redpath was home and communbecame life members of the organization. Mrs. Redpath was indeed a derful?" very fine person to know.

#### These Young People Average 23 . . . and You'll be Hearing from Them



FRONT ROW FRONT ROW

LEFT TO RIGHT

Robert Eifert. R.4, Mason
Ford A. Goodemoot. Lake Odessa
Lyle G. Clack. R-1, Oxford
Harold Glynn. Williamston
Carl Hill. R-3, Hart
Bruce Damon. R-3, Ithaca
Don White. R-2, Howell
Don Tuttle. R-2, Bay City
Don Merrick. Memphis
Max Bryant. R-2, Imlay City
John Kirk. R-2, Fairgrove
Carl W. Kreimer
R-4, Brown City
Harold A. Robb. Fowlerville

Harold A. Robb Fowlerville Robert Koenigshof Buchanan Chas Myus R-1, Lapeer Olen Scheidler R-3, Coldwater

organizations in Michigan. The conference was spon-

sored by the Farm Bureau and the Live Stock, Elevator,

Milk Producers, Beet Sugar and other farm groups.

SECOND ROW 

WHY THEY WERE THERE Seventy-eight young men and women attended the Michigan State Junior Farm Bureau's school at Waldenwoods. Livingston county, the first week in September to learn more about farmers' co-operative business and service

CO-OPERATIVE LEADERSHIP TRAINING SCHOOL OF JUNIOR FARM BUREAU AT WALDENWOODS - MICH. THIRD ROW TOP ROW

A. Deering Hartland
George Marzen R-4, Mason
Carl Ballenger
R-2, Breckenridge
Norman Hull R-2, Bangor
Gordon Christenson 

LEFT TO RIGHT
Lloyd Rusink.........R-3, Adrian
Harry Martolock...R-1, Palmyra
Gerald Kitson....R-2, Rockford
Jarvis Knisel.....R-2, Blissfield Lansing Coplin Lewis Glenn Wyman Lewis R-3, 

# TO BE BARBECUED AT AFBF ANNUAL

Entertain Visitors Royally

Chicago-For the first time in its

The annual convention is the most important event in the Farm Bureau year. Economic and political hap-Perhaps the most significant experi- penings during the past few months ence was with prices of farm prod- gives this year's meeting particular watched with the closest interest the according to President Edw. A. O'Neal influence of that drought on prices as of the national organization, is being it manifested itself not only in 1934 planned to give the widest possible but throughout 1935 and into the cur- information on outstanding problems rent year, The livestock producers in the agricultural field. This will have the pattern of those price move- insure a voting body of delegates well ments well in mind this year. Long- equipped to draft a comprehensive range price trends are figuring much program for Farm Bureau activities

years ago and farmers are better | Elaborate preparations are being made by the California Farm Bureau Already the factor of experience is for the entertainment of the thousbeing given much weight by observers ands of delegates who will attend. who have been surprised at the order- One of the outstanding features of the ly character of the marketward move- week will be the singing of the Caliment so far of hogs, cattle and sheep. fornia Farm Bureau Chorus of 500 If this experience factor counts for voices, which is now in training. The as much as many who have recently Chorus will present a sacred concert visited many farms over large areas on Sunday night, December 6, as the

On Wednesday, first day of the A. First, livestock may not be market- F. B. F. meeting, a huge barbecue ers did not have their experience of strate to the farmers of this country that California can produce high-

Thousands of Farm Bureau memthe South, and the Middle West. More than 6,000 Farm Bureau members from the host state are expected to attend, along with 3,000 from other

#### An Object Lesson

The teacher was trying to impress

"Sir Isaac Newton was sitting on ity chairman. The Redpaths always the ground, looking at the tree. An took an active interest in the work apple fell on his head and from that shock if I step on the track?" in their county. Some years ago they he discovered gravitation. Just think, children," she added, "isn't that won- you put your other foot on the trolley trust none of them."

The inevitable small boy replied: 'Yes'm, an' if he had been settin' in May 5, 1821, Napoleon died at St. school lookin' at his books he wouldn't ing a man has the less trouble is he how the fool, soon parted from his never have discovered nothin'." likely to have.

#### Amendments to Constitution AMENDMENT NO. 1 On Your Ballot Nov. 3

Criminals and Dangerous Weapons

By a Joint Resolution passed at the 1935 Legislature it is proposed to add to section 10 of article 2 of the state constitution the clause beginning with the word "Provided":

Sec. 10 The person, houses, papers and possessions of every person shall be secure from unreasonable searchers and seizures. No warrant to search any place or to seize any person or things shall issue without describing them, nor without probable cause, supported by oath or affirmation: Provided, however, That the provisions of this section shall not be construed to bar from evidence in any court of criminal jurisdiction, or in any criminal proceeding held before any magistrate or justice of the peace, any firearm, rifle, pistol, revolver, automatic pistol, machine 'gun, bomb, bomb shell, explosive, blackjack, slungshot, billy, metallic knuckles, gas-ejecting device, or any other dangerous weapon or thing, seized by any peace officer outside the curtilage of any dwelling house in this state.

#### PROPOSAL NO. 2 Incorporation of County Governments

By Joint Resolution passed at the 1935 Legislature it is proposed to amend article 8 of the state constitution by adding two new sections to said article to stand as sections 32 and 33 and to read as follows: Sec. 32. The Legislature shall provide by a general law for

the incorporation of counties; such general law shall limit the rate of taxation for municipal purposes and restrict their powers of borrowing money and contracting debts.

Sec. 33. Under such general laws, the electors of each county shall have power and authority to frame, adopt and amend its charter and, through its regularly constituted authority to pass all laws and ordinances relating to its municipal concerns, subject to the constitution and general laws of this state: Provided That no such charter or amendment thereto shall become effective in any county unless the same shall have been approved by a majority of the electers voting thereon of that city located within such county in which are cast the largest number of votes upon such proposition and also by a majority of the electors voting thereon residing outside the corporate limits of such city.

#### PROPOSAL NO. 3 To Eliminate the Sales Tax on Food

By initiative petition it is proposed to amend article 10 of the state constitution by adding a new section to stand as section 22

and to read as follows: Sec. 22. No tax shall be levied upon the sale of the following

articles of food: Bread, milk, dairy and cereal products, meat, lard, vegetable shortenings, fish, eggs, sugar, salt, spices, vegetables, and fruit, whether such foods be sold in sealed containers or otherwise. Nor shall taxes be levied upon the sale of prepared meals.

(Submitted by The Taxpayers Protective Association, Detroit, Michigan.)

#### PROPOSAL NO. 4 Replace Property Tax with Income Tax

By initiative petition it is proposed to amend section 3 of article 10 of the state constitution to read as follows:

Sec. 3. No tax shall, from and after December 31, 1937, be assessed or levied by the state or by or for the benefit of any county, township, school district, city, village or other political subdivision of the state upon real property or tangible or intangible personal property, except for the payment of interest upon and principal of obligations heretofore incurred; nor shall any privilege, license or occupational tax, other than those now provided by law, be hereafter assessed or levied upon the ownership, possession or use of real property or tangible or intangible personal property. Income from real and personal property may be taxed uniformly with income from other sources. The proceeds of all taxes upon incomes shall be distributed to the several counties, townships, school districts, cities, villages and other political subdivisions of the state, as may be provided by law.

(Submitted by the Michigan Property Tax Repeal Association,

#### Vote No on No. 3 and 4

#### Right Answer

Uncle Ab says that the more learn-

#### No Change

Old Lady (to street car motorman): An old lady, while on a vacation in 'Please, Mr. Motorman, will I get a the country, heard somebody say the mails were irregular. "Just like in Motorman: "No, lady. Not unless my young days," she said. "You can't

> ONE FOR SOLOMON Many wise men would like to know money, gets it in the first place.

# AIMED AT GUNMEN. **NEEDS YOUR HELP**

Today Criminals Need Have No Fear in Carrying Guns In a Car

If Michigan citizens adopt Proposal No. 1 of the constitutional amendments as they should, it will be an unhappy day for gangsters and other law breakers who carry dangerous weap ons in their automobiles. Today the finding of a gun, bomb or other weapon in the car of a known criminal can not be used against him in court because of the provisions in our State constitution covering "unreas search and seizure. They were written long before automobiles began to figure in crime.

The voters will decide the merits of amending the search and seizure clause in such a way that, in the pinion of the Legislature which reommends the change, a man's home will have all the protection against 'unreasonable search and seizure" that it has always had. But the criminal caught with a dangerous weapon in his motor car or elsewhere outside of his home cannot hide behind a constitutional technicality. He must face criminal court with the seized weapons

admissable as evidence against him. If the proposal is adopted, no longer will it be possible for the criminal to carry deadly weapons in violation of the law and snap his fingers at enforcement officers. Gunmen will carry their instruments of murder at their peril. There will be no argument of counsel for defense that weapons seized on arrest were not taken "by due process of law" and therefore not admissable as evidence.

A notable example was the case against Sam Stein and Joe Massie, Detroit gangsters well-known to the police. Stein and Massie were arrested in Detroit in 1934. Police stopped the cab in which they were riding because it was exceeding the speed limit. The men were armed in violation of the law but Judge John P. Scallen of recorder's court dismissed the charge against them on the ground that the arresting officers had no reasonable grounds for suspicion that they were unlawfully armed. The supreme court later upheld that decision in a five to three opinion.

This case in particular, and a large number of similar cases, led the 1935 legislature to pass a joint resolution submitting a constitutional amendment to remedy what nearly every law enforcement officer believes to be a defect in the basic statute. This measure was originally sponsored by the State Crime Commission headed by the Attorney General.

#### Howard Slade Heads Co-op at White Cloud

White Cloud-Howard Slade has been elected president of the White Cloud Co-operative association to succeed E. M. Johnson, who has moved to Edgerton. Directors are Herbert Martens, George Cordts, Lambert Kaiser, Sr., and Leo Elliott. M. L.

Twing is treasurer and manager. A stock dividend of 7 per cent and a patronage dividend were declared.

#### **Facts About Stripping Cows** Come out in Complete Check

No Damage Done if You Don't

R. Graves of the United States bureau leved. Neither does it lower the perentage of butterfat in the milk, affect quent milkings. he normality of the milk nor injure the health of the cow. Furthermore, neither complete nor incomplete milking showed any tendency to force o cause other udder troubles. The investigators conclude, there-

ore, that the only factors having a bearing on whether or not stripping, or complete milking, should be practiced on a dairy farm are the value of the extra milk obtained by complete milking, the cost of the extra labor, and the sanitation of the product.

at least two lactation periods during periment would indicate that not the experiment. Seven were first much milk should be left in the udder, milked completely for a lactation pethe next lactation. The other seven drop' of milk; otherwise, the cost of then completely. The quantity of milk 'strippings'.'

left in the udder by an incomplet Pays for Labor Expended, but milking varied with the different cows from .8 to 2.1 pounds at a milking, the average being 1.2 pounds.

The investigators concluded from heir experiments that not all the milk Dairy farmers can dispense with left in the udder at an incomplete he labor of "stripping" and the only milking is permanently lost. Some of ill effect will be the loss of about half it is recovered at the next milking. If of the milk ordinarily taken in the all of the 1.2 pounds left by each of 480 incomplete milkings during a lac-In a recent experiment conducted by tation period had been permanently T. E. Woodward, R. P. Hotis, and R. lost, there would have been a differ ence of 576 pounds in favor of the of dairy industry, they found that cows milked completely. But since eaving a pound or so of milk in the complete milking resulted in only 306 udder at each milking does not cause pounds more per cow, it is evident capid drying off, as is commonly be- that 270 pounds, or 47 per cent of the 576 pounds, was recovered in subse-

The extra time spent in stripping or massaging to complete a milking averaged 39 seconds, or 5.2 hours during a lactation period. Since complete milk cows into clinical cases of mastitis or ing resulted in a net gain of 306 pounds over incomplete milking, the return was 59 pounds of milk for each hour spent in the stripping or massaging process,

"Under ordinary conditions," the investigators reported "it is unlikely that one hour of labor will cost more than 59 pounds of milk is worth. As a rule, therefore, it will pay to com-Fourteen cows were each milked for plete the milking process. This exbut neither should the milker spend riod and then milked incompletely for much time trying to get the 'last were first milked incompletely and stripping may exceed the value of the

#### Ask Your State Farm Mutual Agent About Our Fire Policy

The same people who insure your car through the State Farm Mutual Automobile Insurance Co. and insure your life through the State Farm Life Company will now insure

#### Farm Village City Properties

in a complete fire insurance service. Our farm policy covers dwellings, barns, other buildings, live stock, crops harvested and on the farm and other property. The five year farm policy is payable in annual installments.

#### State Farm Fire Insurance Co.

of Bloomington, Illinois

# Bed Blanket Sale

THIS FARM BUREAU VIRGIN WOOL 70x80 INCH DOUBLE BED BLANKET



You may order from this advertisement. Satisfaction guaranteed. Shipped prepaid. Choice of colors as below. Soft, thick, carefully woven. Binding, 4 inch sateen ribbon. Weight 43/4 lbs.

#### Farm Bureau Special Double-Plaids-70x80

Michigan State Farm Bureau, 728 E. Shiawassee St., Lansing, Mich. Please send me.....blankets to be shipped postage prepaid. ..........Rose and White ...........Peach and White ..........Red and Black ......Tan and White ..........Gold and White .........Blue and White ......Green and White ......Orchid and White (CHECK BELOW) Name ..... .....Ship C. O. D. P. O. R. F. D. 

#### Fall and Winter

TAILORED FARM BUREAU SUITS & OVERCOATS SUITS \$30.00 With Extra Trousers \$37.50 \$42.50 OVERCOATS \$25.00 \$27.50 \$30,00 \$32.50

FARM BUREAU MEMBER: In addition to this special price, a patronage dividend will be credited on your next membership dues.

CLOTHING DEPARTMENT MICHIGAN STATE FARM BUREAU 729 E. Shiawassee St. Lansing, Michigan

# CO-OP CREAMERIES HAVE CONTROL LAB

Michigan, Indiana, Illinois Group Make 28 Million Pounds of Butter

Indianapolis—The Mid-West Producers' Creameries Inc., which has ten member co-operative creameries located in Michigan, has just installed one of the most up-to-date central control laboratories in the Middle West. Frederick Burwell, from the Ontario agricultural college, is in charge. Mr. Burwell received his master's degree in dairy bacteriology from Purdue university. Although Mr. Burwell received much of his education in Canada, he is a native of Indiana.

The purpose of the Mid-West Producers is to assist member creameries with their manufacturing problems, also to act as a marketing agency for their butter. This association is made up of creameries located in Michigan, Indiana, Illinois, and Tennessee. To reach a favorable market and to insure the buyer of a quality product, and to comply with stringent Federal laws covering dairy products, makes scientific research and up-to-date methods necessary.

Farmer members also recognize that quality products bring higher prices and greater profit.

In this central control laboratory samples of butter manufactured by the member creameries will be tested to determine the content of butterfat, moisture, salt, and curd, also the keeping quality of the butter. All butter will be examined microscopically, as well as bacteriologically. Through these laboratory tests exact composition will be determined to eliminate various types of losses that can be had in butter manufacture.

In addition to this type of work in the laboratory, supplies purchased and used in the manufacturing of butter will be tested for quality.

The Mid-West organization handled approximately twenty-eight million pounds of butter this past year. The co-operative has enjoyed a constant growth. Twenty-one creameries in four states are members. These creamerles, in turn, have thousands of farmer members and are so located that the truck route service is available to nearly all Michigan dairymen. A large part of the butter manufactured by the members located in Michigan is marketed directly in the state The Mid-West organization is primar ily interested in manufacturing high quality butter, and it was with this thought in mind that the central control laboratory was established to help in producing the finest possible product. Michigan members of the Mid-West are:

Coldwater Dairy Company
Constantine Co-op Creamery
Dairyland Co-op Creamery, Carson City
Fremont Co-op Creamery
Grant Co-op Creamery
Co.
Lawrence Co-op Creamery
Marcellus Co-op Creamery
Nashville Co-op Creamery
Schultz Co-op Creamery
St. Louis Co-op Creamery

#### Animal Fly Sprays Help But Uses Are Limited

Fly sprays do their work only when they are blown into fine droplets that envelop the fly. Entomologists do not know of any substance which, when applied to an animal, is effective in killing flies lighting on it afterwards, according to the United States Department of Agriculture. Furthermore, sprays, even though effective in killing the flies struck, will not control these pests unless the breeding places are treated also.

The value of fly sprays as repelients is limited, the entomolgists add. Many tests have shown that some materials applied as sprays to animals do temporarily repel horn, stable, and house flies. None, however, has been found of practical value against horseflies, botflies, warbleflies, and certain other flies that attack and annoy livestock.

Oils in general are injurious to animals, and, particularly when applied heavily, do more harm than good. Nearly any fly spray will taint milk unless the spraying is done long enough before milking to allow the spray to settle, unless the spray is kept away from the milk and milk utensils, and unless the cow's udder is washed with soap and warm water before milking.

Fly sprays, in general, are not disinfectants, nor can they be relied upon to prevent insect-borne diseases.

#### CREDITS ON PURCHASES

Help Pay Farm Bureau Dues!

NOTICE TO MEMBERS: Purchases of Farm Bureau Brand dairy and poultry feeds, seeds, fertilizers and fence from your local dealer; also, purchases from our clothing and blankets dep't at Lansing, are eligible to membership credits when declared.

MAIL YOUR DEALER SALES

MAIL YOUR DEALER SALES SLIPS to the Michigan State Farm Bureau, Membership Dep't, 221 North Cedar Street, Lansing, about every three months.

BE SURE Farm Bureau brand goods are entered on slip as "Farm Bureau Alfalfa," "Milkmaker," "Mermash," etc.

\$10 annual dues mature life memberships; \$5 annual dues do not, but participate in Membership Credits, which reduce the amount of dues payable.

Life members receive their Membership Credits in each once a year.

We furnish addressed, postage pre-paid envelopes for this purpose on your request.

MICHIGAN STATE FARM BUREAU
Lansing, Michigan

# THREE FINE TOOLS FOR YOUR FARM



# THE CO-OP TRACTOR

Has Features You Want

#### • POWER

Co-op Tractor's Chrysler Six industrial motor unit is built to develop maximum power at the drawbar and for the belt, with very low fuel and oil consumption.

#### ECONOMY

Experience has proved that a high compression motor with a variable speed governor insures even, flexible performance with economy of gasoline and oil.

#### • EASILY CONVERTED

From regular tread to cultivator type. Converts to 16 different widths of tread easily by special lug arrangement. Axle always enclosed, and never projects beyond outside of wheel.

#### . EXTRA VALUES

As standard equipment, Co-op Tractors are equipped with these good features.

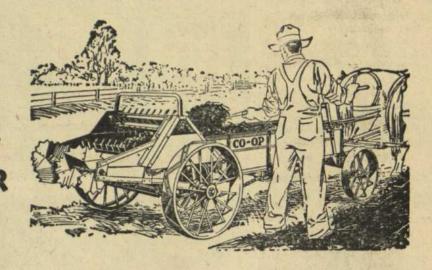
SELF-STARTER
ELECTRIC HEADLIGHTS
BATTERY & GENERATOR IGNITION
FOOT & HAND BRAKES
RUBBER TIRES
TRUCK-TYPE STEERING GEARS

#### All PURPOSE MACHINE

The Co-op Tractor is well adapted to highway hauling. It will do 25 to 40 miles per hour. Steers as easily as a truck and has no greater fuel consumption. Only our tractor has built in facilities for converting it from the farm cultivating type to the field or road type.

No effort has been spared to make the Co-op Tractor the best that modern engineering can produce. Gears, axles, and bearings are of the latest design and have adequate factors of safety to insure long life under severe duty. The tractor operates smoothly and quietly. Be sure to see and and try it. We invite a demonstration.

# CO-OP MANURE SPREADER



#### LOADS EASY

Top of box only 36" from ground. 60 bu. capacity. Sets for 6, 12, 18, 24 loads per acre. Has 14" road clearance. Will turn short.

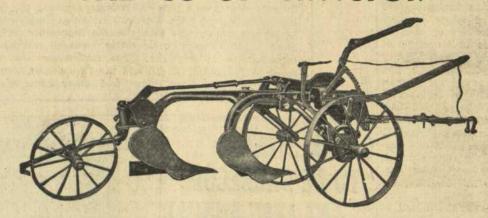
#### LIGHT DRAFT

Weighs 1,200 lbs. or 100 to 500 less than usual. Wide tread wheels, self-aligning, closed bearings with oil chambers.

#### BUILT RIGHT

Steel angle frame. Heavy steel axles, chains, levers, spokes, teeth. Shreds, pulverizes manure in wide, even blanket of fertility.

# A PARTNER FOR THE CO-OP TRACTOR



#### TRACTOR PLOW SERIES 20

Avery tractor plows offered by the Farm Bureau have large easy rolling wheels, and large clearance between bottoms. They are lowered as well as raised under controlled power, so there is no danger of clipping shares on stones. An exceptionally well made tractor plow. Dust proof Hyatt bearings. Roller coulter. Avery four point I. D. shares. See your Farm Bureau dealer for complete information about these and other Co-op tools.

# MERMASH 16% OPEN FORMULA START YOUR HENS FARM BUREAU MILLING CO. Inc. CHICAGO, ILL. ON MERMASH...

MERMASH 16% PROTEIN with scratch grains is the recommendation of thousands of farmers for good fall and and winter egg production. They tell us that with Mermash egg production is up and flock losses are away down... a quarter of the average loss...and, of course, they like that. The sales of Mermash now and for the past ten years are convincing evidence that

#### Mermash Has What It Takes

for egg production and healthy Mocks. Mermash contains the best ground yellow corn, pure wheat bran, flour midds, meat and bone scraps, alfalfa leaf meal, and Mermaker, which is Pacific Ocean kelp and fish meal (Manamar formula) to supply essential mineral elements in food form. Ask some Mermash feeder in your neighborhood about his results.

A Profitable, Low Cost Feed

# WHY NOT Make This Savings on Oil?

In the course of a year you use quite a lot of oil for car, truck or tractor and other machinery.

Farm Bureau dealers are now taking farmer contracts for the year's requirements of our Mioco or Bureau Penn oils. It will pay you to investigate the savings to be had.

Farm Bureau's midcontinent Mioco, and Pennsylvania Bureau Penn oils are of the highest quality. They are built to engineering specifications to lubricate efficiently at all temperatures. Ask your Farm Bureau dealer about this oil contract for farmers.

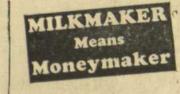


# We're Buying Seed . . . .

WE ARE IN THE MARKET as usual at this time of the year for Michigan grown June, Mammoth, Alsike, Sweet Clovers and Alfalfa seeds. Send us an 8 ounce sample of your seed. Make it representative of the lot by taking equal amounts from each bag. Write us the amount you have and we will quote you. We send sample mailing bags upon request. We buy other field seeds.

#### USE OUR SEED CLEANING SERVICE!

WE CLEAN SEED! Deliver your seed, or you may ship it by freight to Farm Bureau Services, Lansing, Michigan, prepaid freight if possible. Tag each bag with name and address of shipper. Write us a letter stating the total number of bags and giving full instructions on cleaning your seed. Advise if you want the seed cleaned and returned to you, or do you want a price quoted on the cleaned seed? We have a modern seed cleaning plant. Send seed soon. We don't do custom cleaning after January 1.



MILKMAKER FORMUL'AS

16, 24, 32 and 34%

See Your Farm Bureau Dealer

FOR FARM BUREAU SUPPLIES

Write Us If You Have No Dealer FARM BUREAU SERVICES, Inc., Lansing, Mich.



MILKMAKER FORMULAS 16, 24, 32 and 34%