

### A Newspaper For Michigan Farmers

Vol. XII, No. 8

SATURDAY, AUGUST 4, 1934

Published Monthly,

### **RECORD BREAKING** HEAT AND DROUTH AT PEAK IN JULY

Drouth Has Been World Wide; Never Have We , Had a July So Hot

July brought record breaking heat to Michigan and the United States, to go along with drouth that broke records.

Not in 60 years of U. S. Weather Bureau records at Washington has the heat in any one month been so intense over so wide an area, nor have such abnormally high temperatures persisted day after day without a break as in July of 1934. The nearest approach was in July, 1901. Des-Moines, Iowa, reported 12 days in July 1934 with temperatures 100 degrees and higher, and 9 such days were consecutive. Columbia, Mo., had 21 such days with 16 in succession, and so on.

Drouth in Michigan has been severe, but not nearly as bad as in the western States. Nevertheless, forage is a scarce and high priced article in Michigan as a whole, and the yield of feed grains was cut considerably. 1930 Still the Driest

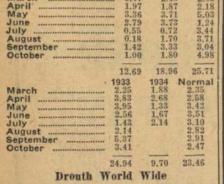
The year 1930 still stands in Michigan as the year having the least rainfall on record. Total precipitation that year was 181/2 inches as against 301/2 normal for the State. In 1930 months of the year. Drouth began in July and continued until the follow-

year of 34.22 inches of rainfall, compared with the normal of 301/2 inches. 1933 had 31.66 inches of rainfall,

Then comes 1934 with 11.12 inches against a normal of 18.68 inches for the same period, or a deficiency of 7.58 inches. Unlike the 1930 drouth, spring season

Rainfall by Months

Lansing for the months March to ration. October, inclusive, for the years 1930-1934; also a table showing the normal rainfall for the same months:



Growing crops in nearly every country north of the equator have been damaged by prolonged drouth; south of the equator lack of moisture has so dried the soil, particularly in Argentine and Australia that seeding operations have been very difficult.

considerably in Russia, Hungary, Rumania and throughout central Europe. Drouth damage has been severe in Germany, Poland, Czecho Slovakia and severely in Germany.

of air masses, and without interac- Hawley, Ludington, R. 3, is a member tion between air masses of different of the picnic committee. temperatures, there can be no rain.

### 130 New Members for Farm Bureau in June

130 new names were added to the Michigan State Farm Bureau membership roll during the month of June. Since the first of the year there has been a steady growth in membership. Farm Bureau members who have qualified for the Membership Department Honor Roll by interesting new

F. D. King	Charlotte
James Shepherd	
Don Penzien	.Imlay City
Lewis Runkle	Niles
W. D. Reamer	

### Cotton Bringing More

Washington-The smallest cotton acreage since 1905 and unfavorable made first in the drouth states where weather conditions in Texas and the situation is bad. Later the pur-Oklahoma is causing U. S. cotton chases will be extended to other sec-

### PRESIDENT



WATSON W. BILLINGS

Mr. Watson W. Billings of Davison Genesee county, long time vice presi-BUREAU & GRANGE dent of the Michigan State Farm Bureau, became president of the organization upon the death of Mr. M. L. Noon, July 18.

Mr. Billings, like Mr. Noon, was one of the first members of the Farm Bureau in 1919. He assisted in the first membership campaign, and in rainfall was normal for the first six the period 1922-23 directed the field force in the second membership campaign. He has served as president of the Genesee County Farm Bureau 1931 was a year of nearly normal For many years he has been a director rainfall, or 28.63 inches; 1932 was a of the State Farm Bureau and its vice president. He has been a tireless worker in the Farm Bureau,

Mr. and Mrs. Billings, with the aid of their two sons, operate a large music and other entertainment, and of rainfall January 1 to July 31 as farm near Davison. They are lamb short speeches will attract a capacity feeders and are interested in sheep on quite a large scale. Mr. Billings has that of 1934 started with an extra dry conducted in the early years by the long been interested in the wool pools Farm Bureau, and in recent years by the the Michigan Co-operative Wool Following are monthly rainfall Marketing Ass'n, of which he is records in inches as recorded by the president. He has been a director of U. S. Weather Bureau station at East the National Wool Marketing Corpo-

### Sales Tax Paid On Farm Supplies For Food Production

12.00 \$ .36
8.50 .25
2.20 .07
15.00 .45
16.00 .45
18.00 .54
24.00 .72
18.00 .63
30.00 .90
41.00 1.21
9.75 .30
40.00 1.20
95.60 3.00
121.50 3.64
65.50 1.85
91.25 2.73
235.00 7.05
210.00 6.30
850.00 25.50 Egg Mash, Cwt. .... Egg Mash, Cwt.

Bran, ½ T.

Midds, std. ½ T.

Midds, Fl. ½ T.

Oil Meal, ½ T.

Cottonseed M'l, ½ T.

Fertilizer, 16%, T.

Fertilizer, 2-16-6, T.

Fertilizer, 4-16-8, T.

Binder Twine, 150 lbs.

Bean puller 

### Wheat and rye yields are reduced Mason County Picnic at Amber Grove, Aug. 6

Scottville.-Annual district picnic Austria. There is no likelihood of a for the Mason, Manistee, and Oceana shortage of bread in central Europe, County Farm Bureaus will be held at but the short rye crop is expected Amber Grove, south of M-31, three to have its effect on the livestock in- miles west of Scottville, or six miles dustry, says the U. S. Dep't of Agri- east of Ludington, all day Thursday, culture. Feed crops have suffered August 16. All Farm Bureau members and friends are invited. There The U. S. Weather Bureau at Wash- will be a basket picnic dinner at ington explaines the prolonged noon. Sports of all kinds include a drouths in the United States and baseball game between the Mason and Europe by saying that high pressure Oceana County Farm Bureaus. The areas prevailed over the westward Mason County Farm Bureau band will sections of both continents and low play. Speaker of the day will probabpressure areas over the eastern areas. ly be Mr. Charles E. Hearst, president There were no eastward movements of the Iowa Farm Bureau. Wesley

> KENT FARM BUREAU PICNIC Grand Rapids.-Kent County Farm Bureau is to have a basket picnic and with the rule that catching is keeping. program Friday, August 17, at a place which will be announced later.

### Gov't May Buy Seven Million Cattle This Fall

Washington-From drouth and other areas the government expects to buy at least 4,000,000 cattle and pos-Agriculture Henry A. Wallace said members with a total of 396,347 lbs. Hudsonville, Jamestown and Vries-July 26. If the packing plants are able to process them at the rate of Powell, field man for the Ass'n. Last near Jamestown, July 20. Horse pull-200,000 per week, the job will take six months. Up to July 26 the government had bought 1,500,000 cattle and had slaughtered and processed

700,000 of them for welfare purposes. Government purchases are being prices to rise steadily, despite a tions of the country where there are the next six months will double the prices to rise steadily, despite a tions of the country where there are the next six months will double the marked shrink in domestic consumps surplus cattle. The government pur- nation's normal slaughter for such a duced in this country gives eight about \$500,000 for corn taken out of lution setting forth that it had been fendant admits that the plaintiff chasing and processing program for period.

### Mrs. Wagar Pays a Tribute to the Life of M.L. Noon

Explained the Quality Of The Man

By MRS. EDITH M. WAGAR Farm News but space does not allow so many would do, but rather he'd first of all let me pay tribute to word and smile that made the of-President M. L. Noon, a wonderful fender a friend when he had aimed character and a great leader.

duty called he always responded motor of right living. willingly.

first to forgive the unkind word, the worthy life.

Horses and Men in

Tug of War

crowd as usual to the great grand-

than 1,300 lbs.

young women.

Ionia farmers.

3. Cow calling contest for men.

6. Poultry scramble for youngsters

7. Tug of war between champion

pound for pound against a group of

Nearly 1,000 Members

Wool Pool Closes With

bers and 240,009 lbs. in the pool.

the 26 associated State wool pools.

His Splendid Character Best unjust criticism and the unfair opposition that leadership is subjected to so often.

During the years of service together, I never heard him say a bitter word against anyone; he was deeply There are many things I would like hurt many times, but he did not store to write about in this issue of the it away until a time for revenge as a very wide diversion of thought, but meet them the next time with a cheery to be a foe. Mr. Noon was always Mr. Noon carried a burden of agri- considerate of the less fortunate in cultural responsibility that should life. What a world this would be if have been shared by many. He never we could only have more like him! complained, never thought a task was Loyal to his country; loyal to his too great or a trip too long if he was church; loyal to his calling; loyal to called upon to do it. It would have all that was for the good of the many, been far more pleasant to have re- A strong advocate of temperance; a mained at home and shared the pleas- staunch supporter of education; a deures of a fine home life but when fender of happy homes and a pro-

American agriculture has lost He appreciated the kind words, the leader but his good works will live on, fellowship of true friends, the willing for he unconsciously erected his own co-operation of many. He was the monument all through his busy,

### AAA HAS REACHED DAY AUGUST 17 AT PLACE TO CHANGE IONIA FREE FAIR **GRAY'S VIEWPOINT**

Newton and Ketcham Speak; American Farm Bureau Man Speaks at Michigan Meetings

Ionia-Friday forencon, August 17, buying from us. The American Farm a Farmers Day program will be sponsored by the Farm Bureau and Bureau advocated the McNary-Haugen plan of farm surplus control, which Grange at the Ionia Free Fair. Sports, was to sell the surplus abroad for what it would bring and tax the whole production to provide American farmers a domestic price.

"In the early 1930's, the European market having been almost entirely closed, the American Farm Bureau supported what has become the Agr'l Adjustment plan, which is to control surplus before it is created, and pay the farmer the average of 1909-14 prices by means of a processing tax,' said Chester Gray, legislative representative of the American Farm Bur-

amended to provide for regulated in- board. crease in production and regulated decrease where necessary," Mr. Gray

"Processing tax in the AAA needs to be looked upon as a tariff. The national policy for years has been for tariffs which benefit industry. The nearer our farm prices get to parity with 1909-14 prices, the less processing taxes will need to be.

"Principal obstacle to the success of AAA has been the fact that the stand. - The program will start at NRA and codes by increasing farm costs have nullified in many instances 9:30 a. m. and wind up at noon with the advance of farm products. Howa basket picnic dinner at reserved ever, it is gratifying after a year to tables along the river for Granger see NRA beginning to drop price fixand Farm Bureau members and ing and recede to its proper sphere friends. The entire program is free. of eliminating unfair trade practices, Stanley M. Powell of Ionia will e industrial self-government, etc. master of ceremonies. The Grange

"Federal taxes can be expected to program by former Congressman or 20 years.

John C. Ketcham of Hastings. The "Most notables and successful price Farm Bureau speaker will be Mr. R. increases to farmers under AAA have Wayne Newton. Both men are good been in cotton, then wheat and tospeakers and can talk to the point on bacco. Corn and hogs have shown matters in which farmers are inter- less success so far. Marketing agreeested. Loud speakers will carry the ments have been found a quicker program to every seat in the grand method to bring price improvement to certain farm groups. In the mar-Attractive prizes are offered for the keting agreement there is no direct obligation to reduce production, but following events which are open to under them it is difficult for farmers o expand." 1. Bareback horse running race

Under the auspices of the Michigan for farm horses weighing not less State Farm Bureau and county Farm Bureaus, Mr. Gray spoke at the fol-2. Wife calling contest for young owing meetings and picnics:

July 23—Fremont for northwest County Farm Bureaus. July 24—Swains Lake Picnic, Jackson ounty, for south central Michigan. 4. Husband calling contest for 5. - Dinner calling contest for older

July 25—Jo-Lo Gardens picnic, Kala-mazoo county, for southwestern Michigan. July 26—Boles Harbor picnic, Monroe county, for southeastern Michigan.

heavyweight team of horses, matched for the Thumb counties. July 27-Imlay City, Lapeer county, Lapeer and neighboring counties.

### 3,000 at Hudsonville Co-operative Co. Picnic

When the Michigan Co-operative Jamestown-More than 3,000 pat-Wool Marketing Ass'n pool for 1934 sibly 7,00,000 this year, Secretary of closed July 21, it represented 995 rons of the Farmers Elevator Co. of of wool in the pool, said Stanley M. land enjoyed a picnic at Spring Grove, year the pool had 444 pooling mem- ing contests, baseball, other sports and picnic dinner were entertainment the fleeces have been sacked by grades ready for shipment to eastern mills, as sold by the National Wool Marketing Bureau's entry into the farm machin-duction for a normal year. Corporation, which is sales agent for ery business.

hours work to a man.

M. L. NOON 1868 - - - 1934



MICHAEL L. NOON

Michael L. Noon, president of the rector of the American Farm Bureau Federation, and vice president of the Michigan Milk Producers Association, ollowing an illness of several weeks Officers of the American Farm Bu-

eau, the Ohio, Indiana and Illinois Jackson, July 21.

Mr. Noon was one of the best known farmers in the middle west. Thousive, forward looking addresses in behalf of farmers during the past 14 for resale. years, since his rise to important positions in the Michigan and Ameriings in other states,

which was his lifetime home. Following his education in the local schools Legislature that enacted the law. and business training in the city of Jackson, Mr. Noon elected to stay with the homestead farm. From young manhood he took an active part eau before a series of Michigan meet- in local government and community ings and picnics the week of July 23. affairs. He had held nearly every "Agr'l Adjustment program has township office. At the time of his the suit, the sales tax on a long list reached a point where it must be death he was president of the school of farm supplies which the Farm

member of the board of directors. He Bureau wins the suit. was re-elected to those positions at a recent annual meeting.

movement then spreading over Michgan. He enrolled as a member, and for a refund. in the course of time found himself president of the Jackson County Farm Bureau.

will be represented on the speaking be maintained at a high peak for 10 for two years. Since 1924, when the claration of rights is a proper way Mr. Noon served continuously as the court. president. He was re-elected 8 confact made by the Farm Bureau in its ecutive times.

Directors as one of the directors to represent the midwest states. He was returned to that root results of the directors to Defendant Fitzgerald:

"\* \* admitted that root results of the product and a part of the price upon which the sales tax will ultimately be levied. Farm Bureau conventions.

Under Mr. Noon the Michigan State said Act. Farm Bureau enjoyed a remarkable growth in the number of solid and substantial services to Michigan

never interfered with his consuming islature said it was not its intent to buildings, his livestock, fields and production purposes. crops spoke of a successful farmer who loved his calling.

# \$3,800,000 to Michigan on

ticipation of Michigan farmers in such petition. the wheat and corn-hog agricultural adjustment contracts:

overs and 240,009 lbs. in the pool.

The 1934 pool has been graded and Mills of Form Bureau Services spaces and will receive about \$700,000 per land will recei Mills of Farm Bureau Services spoke and will receive about \$700,000 net. the clear intent of the Legislature and this defendant. briefly on the Farm Bureau's sales They are estimated to have taken exclude from the general sales tax "This defendant admits there are tax suit and described the Farm 2,787,000 bushels of wheat out of pro- act tangible personal property sold to many concerns in the same position

24,300 farmers signed the corn and production.

### FITZGERALD SALES TAX BD. MEMBER, TELLS COURT HE AGREES WITH FARM **BUREAU IN ITS SALES TAX LAW SUIT**

Tax Board Fails to Appear in Court July 31; Board Enters 14th Month of Collecting Tax on Farm Supplies Contrary to Intent of Legislature

Secretary of State Frank Fitzgerald, a member of the State sales tax board, has admitted in a formal statement to the Ingham County circuit court that the Michigan State Farm Bureau's action for exemption of farm supplies for production purposes from the 3% sales tax is right and should be granted.

Mr. Fitzgerald's fellow defendants: State Treasurer Fry Auditor General Stack and James E. Mogan, managing director of the State Board of Tax Administration, have been silent, other than to notify the court that they are represented by Attorney General Patrick H. O'Brien and Ass't Attorney, General Judson E. Richardson.

When July 31 came, the date set by Judge Carr for a dichigan State Farm Bureau, a di- hearing on the Farm Bureau's law suit, the Attorney General's department failed to put in an appearance. Judge Carr advanced the hearing to September 12. If the sales tax board passed away at his home near Mich- again fails to appear, the Farm Bureau attorneys may be gan Center, Jackson county, July 18, expected to take a judgment by default.

### Farm Bureau Preparing Case

In the meantime the Farm Bureau and 178 associated farmers' co-operatives and co-ops creameries are preparing Farm Bureaus, and a host of friends from all parts of Michigan attended to prove in court that farmers buy seeds, feeds, fertilizers, the funeral at St. Mary's church at and other production supplies for the purpose of resale as crops, live stock and poultry and their products, and that such purchases should not be subject to sales tax since the "In the early 1920's Europe was still ands upon thousands of farmers and law clearly provides that goods bought for resale are not many city groups throughout Mich- subject to tax. The sales tax board has ruled that farmers igan had heard him make constructare final consumers of such supplies and do not buy them

### Fourteen Months of This

asked to address Farm Bureau meet- its fourteenth month of collecting in the neighborhood of \$50,000 or more Mr. Noon was born on the farm per month from farmers on such supplies, contrary to the intent of the In the meantime and since June, 1934, the nine retail branches of Farm Bureau Services, Inc., and many of the 178 associated co-operative associations are collecting sales tax according to law, but are withholding from the State pending settlement of Mr. Noon was one of the early ject to tax. Proper notation is made members of the Michigan Milk Pro- on the sales slips given farmers in ducers Association, and for many order that the farmer may be reyears served as vice president and a turned the sales tax if the Farm

Some co-operatives continue to collect and remit sales tax on such sup-Early in 1919 Mr. Noon became in- plies under protest, as they have for terested in the educational and serv- many months on advice of the Farm ice possibilities of the Farm Bureau Bureau. If farmers win the case, these co-ops will look to the State

### MR. FITZGERALD'S REPLY

In his reply to the Farm Bureau's suit, Mr. Fitzgerald, in naming him-In 1921 Mr. Noon was elected a di- self as a defendant, said he spoke "for rector of the Michigan State Farm himself alone, and not for or on be Bureau, the advancement of which be- half of the other defendants or any or came a life work with him. The either of them." He admitted that directors elected him to be president the Farm Bureau's petition for a depresident's term was made one year, to bring the questions involved before

the American Farm Bureau Board of court for an interpretation of the

returned to that post regularly. His chandise to farmers, dairymen, poultact and ability as a presiding officer trymen, fruit growers, and others enwas recognized often at American gaged in similar productive activities do not fall within the application of

Board Disregards Legislature statement that certain of the State open minded type of leadership was tax Rules and Regulations, containnvaluable to the Farm Bureau and ing a number of so-called trade rules, highly respected by all other groups. were "issued in complete disregard" Mr, Noon's public service and out- of the Legislature's Joint Resolution standing farm organization interests No. 99 of July 1933 in which the Leginterest in his farm. His home, his tax farm supplies or other goods for

### Farm Bureau Petition "This defendant admits," wrote Mr.

Fitzgerald, "that on July 25, 1933, the Michigan State Farm Bureau in behalf Wheat, Corn, Hog Contracts of farmers filed a petition setting forth the nature of purchases by farm-Lansing. - Figures from Verne State Board of Tax Administration on Church, federal crops estimator at August 7, notwithstanding that this State Board of Tax Administration Lansing, indicate the following par- defendant was in favor of granting and the Michigan State Farm Bureau

advised by the Attorney General that

In the meantime, the State Board it had no authority to grant exempcan Farm Bureaus. He was often of Tax Administration enters upon tions and the resolution of August 30 was rescinded.

### Regulations Held Confusing

"On January 1, 1934," wrote Mr. Citzgerald in his reply, "the Board promulgated certain supplementary Rules and Regulations, adoption of which would tend to confuse the plaintiff (Michigan State Farm Bureau) in its business by creating further doubt as to which of its sales if any might be held taxable."

(Editor's note-Included in this refrence could be the rule of January 1934, which holds feeds sold for fattening stock to be a sale for resale and not subject to tax, whereas the same feed sold to feed the same stock for milk or egg production is held by the sales tax board not to be a sale for resale, and the purchase is subject to tax.)

"This defendant admits that the legislative intent was clearly demonstrated by adoption of House Concurrent Resolution No. 99 in July 16, 1933, and again December, 1933, by Resolution No. 12," Mr. Fitzgerald

### Admits Farm Bureau Argument

"This defendant admits that the plaintiff's sales . . . to farmers to be used up and exhausted over a period of time in productive processes of agriculture, horticulture, fruit growing, poultry raising, animal husbandry and kindred forms of production engaged in by farmers are sales for the purpose of resale within the meaning of the act,-and that the cost of such In 1926 Mr. Noon was elected to declaration to the Ingham circuit property becomes a constituent part

Mr. Fitzgerald also admitted to the court as a member of the State Board of Tax Administration:

"That all expenditures for seeds, feeds, fertilizers, binder twine, petroleum products, farm implements and equipment, tools, machinery, wrap-Mr. Fitzgerald admitted in his ping materials, etc., are used and are farmers. Mr. Noon's friendly and Board of Tax Administration sales ing, growing and marketing and are part of the cost and must be taken into consideration in fixing the retail price.

### Admits Double Taxation

Double taxation was admitted under present application of the law to farm supplies when Mr. Fitzgerald wrote:

"Collection of sales tax on supplies to farmers and collection of tax on merchandise sold by plaintiff purchasers would constitute double taxation contrary to Article X of the State Constitution.

### Relief Should Be Granted

"There is controversy between the in regard to the correct and legal in-"On August 30," continued Mr. Fitz- terpretation of the law, but not with gerald's reply, "the State Board of Tax this defendant whose protests have 14,086 wheat growing farmers out Administration adopted a resolution been unavailing as he is only one of

farmers when used in producing food.
"This defendant further admits that sociated co-operatives) and that there hog contracts and will receive about on September 25, 1933, the State Board should be an early determination of Every 100 pounds of beet sugar pro- \$2,600,000 on their hog contracts and of Tax Administration passed a reso- their rights and liabilities. This de-

(Continued on page three)

# MICHICAN NEWS

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E. E. UNGREN

Editor and Business Manager

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### Michael L. Noon

The Michigan State Farm Bureau and Michigan farmers lost the earthly touch of a great and good friend and leader in the passing of President Michael L. Noon. But the vision and works of Mr. Noon are so substantially developed in many fields of service to Michigan farm families that his influence will live on for the benefit of his fellow men.

Mr. Noon was a many sided man. His sincerity, his broadmindedness and tolerance for other people's views, his good sense and careful judgment, his ability to think soundly in terms of the future as events frequently proved, his friendliness, and his courage in time of danger were among the attributes that made him a good leader.

His family and a successful farm life came first. From young manhood he served his home community in one public office and another. Rather late in life came to him the Michigan Milk Producers Association and the Farm Bureau movements, and the advancement of which came to be an absorbing interest in life with him.

Mr. Noon rose from the ranks in the Farm Bureau. As he served in one position, one of higher responsibility reached for him until he was President of the Michigan State Farm Bureau and a director of the American Farm Bureau.

His belief in the good of the Michigan Farm Bureau was such that upon one occasion in its earlier and difficult days, President Noon pledged his personal savings in behalf of the organization. He lived to see his organization a hundred fold stronger and of service to farmers in many fields, and far beyond the financial crisis of that dark day.

President Noon gave unsparingly of himself for the advancement of farm life through farm organization activities. As an officer of the Milk Producers Association, the Michigan State Farm Bureau and the American Farm Bureau, the demands upon his time and energy were great and without salary. He travelled thousands of miles, spoke the message of farm organization before uncounted hundreds of meetings, and concentrated at home and at directors' meetings upon the business and other problems of these organizations. His reward for the most part came in satisfaction in seeing them forge ahead and expand and improve their service to farmers, and become substantial institutions in their financial and equipment aspects.

The farsightedness of President Noon is exemplified in his long time policy of familiarizing employes and officers of the Farm Bureau with all aspects of the organization to develop a group at all times prepared to take over the more responsible places in the Farm Bureau. President Noon will be missed in many, many ways. In the living

institutions he has helped create, he has left a magnificent heritage to Michigan agriculture. His splendid character and his friendship are long to be remembered.

### The Other Side of the Drouth

Fred W. Johnston of Paw Paw, Van Buren county, a veteran county agricultural agent of many years' experience, has some observations on Michigan drouth conditions that are well worth considering. Mr. Johnston writes about Van Buren county, but the principle applies to Michigan in general. He says:

"To uncomplainingly see the work of your hand and the sweat of your brow curled up in the sizzling heat of a drouthy summer calls for faith and courage of the highest order. When such times come the instinct is to forget past experience and think, 'This is the worst ever.'

"Well, maybe it is a record breaker, but not such a record breaker as to throw overboard all past experience. There have been Michigan summers pretty nearly as dry and pretty nearly as hot, and the writer can quote some of them in detail. Nevertheless, summers have come and gone,-wet and dry; but rarely in Michigan has there been a climatic catastrophe that has left the barns, cribs and cellars bare . . . Some but poorer prices. All in all, a pretty fair average.

"Let us hope that it will be so this year in Van Buren county. The returns are not all in yet. A few late rains will accomplish wonders.

"In the meantime, let us count our blessings over the immediately preceding years. Owing to the hot, dry weather we have been able to cut down expenses in fighting everything in the shape of fungus disease. Up to the present time we are free from apple and pear scab, cherry leaf spot, peach leaf curl, black rot and spread of dead arm in grapes, celery blight, early blight of potatoes as well as a score of fungus diseases on bush fruits and other horticultural products. This is a tremendous saving. This is not saying that we will not have any of these things with which to contend this season; because if rains should come, summer spores might burst forth and catch us unprepared and we could easily lose control. However, as things stand at present, we are on the right side of the ledger in this matter.

"Alfalfa hay will probably be worth three or four times as much as last year, and there is a lot of it in Van Buren county. Wheat will bring twice as much; so will corn, and if the outlook on hogs is any guide there will be a substantial advance in price. A tremendous lot of forage such as soy beans, sudan grass and corn for fodder has been planted. Dairy and poultry products are looking up.

"The hole in the doughnut is how to liquidate the boarder cow and the low producing hen without too much loss. Never has there been a time when it was so necessary for farmers to be in possession of information along these lines."

### **Drill With Spades Instead of** Guns in Marching Germany ship, and Mr. Noon was one of those

of What He Saw in Early Summer

"There are endless processions of punished, soldiers, youth and girls and all in uniform but guns are lacking. They are spotless. Early in the morning carry spades. The treaty allows only they are up polishing, scrubbing, a certain amount of armed soldiers cleaning. and only a certain number of guns. Hence they carry and drill with long spades and go through the same procedure as though they were guns," wrote Mr. E. John Kuhn from Berlin, to date over 60 leaders have been in early July to the editor of the Re- executed by Hitler and the past week

when meeting. No more lifting hats out trial. The reports in foreign between gentlemen. When you meet papers and the announcement to the death, was also vice president and a a friend you do not shake hands. You world that Germany is at peace and member of the executive committee salute in the nazi manner. Raise all is quiet is an exaggeration, to say of the American Farm Bureau. He the arm straight forward.

our Franklin D. Roosevelt's. Every I was sitting in a restaurant when the shop, every available empty store has first extras came out, printed on one

thing but no one discusses that open- on the faces of the people were threatly. In whispers one talks of the ening. Nothing is more difficult to political situation which dominates explain or understand than the situation which dominates explain or understand the situation which dominates explain the situation which the situation which are situation which are situation which are situation w

everything and every other activity. tion here today.

Michigan Man Tells Some place in Berlin. Everyone is put to work and wages are low.

Beggars Allowed.' The State has a vance the cause of agriculture by job for every person. It may be very addresses in virtually every city, vil-

"Berlin shops, streets and offices

troop formations were seized and shot, to listen to him. "Hitler's picture everywhere, just as is certainly far from peace and quiet side only, and people left their meals The most astounding changes have and rushed out to get the papers. The taken place in the morale of the entire populace was in the streets

"Considerable building is taking "Strangely enough, all discussion production.

### **Hiram on Paperhanging** By R. S. Clark

As I arose to go out doors, with somewhat stealthy tread, Marthy drew breath and spoke her mind, and this is what she said:

"Now, Hiram, just you listen here before you sneak away And get that little can of bait you dug the other day.

I want to tell you somethin' that you ain't agoin' to do,—
You sin't agoin' fishin' till this paperin' is thru.

"T've waited mighty patient until the crops was in—
Some patience is a virtue, but too much is a sin.
You promised me whenever there came a rainy spell
You'd paper this here kitchen, and as near as I can tell
Today's the day to do it, so just forget the fishin'
And collect the tools to work with and muster your ambition.
Just go and get the paste brush and the shears and putty knife,
This is the rainy mornin' when you paper for your wife.

"The ladder's in the well-house. The plank is in the shed,
And the boards are where you put them away up overhead.
You used the saw-horse Tuesday, so likely that's misplaced.
Just hunt around and find it, while I stir up the paste.
Now what you goin' to do with that? Try out some new idear?
We always put the pasting boards right on the table here.
That plank won't hold a person, propped that way on a chair.
If you don't break your neck it wont be your fault, I declare.

"Right there's the yardstick; no, not there! Behind you by the door. Five yards and twenty inches. I think it was before, And don't forget, for pity sake, to cut the pieces long So you can waste some on the match and not get goin' wrong. Too much water in this paste, it soaks right thru and thru, But that's all right, you almost always spoil a strip or two. Now here's the end you start with, and that's the place to start, So up you go and show you know the paper-hanging art.

"Hold it down farther. Not so far. That's right, now keep it so. Be careful of that ragged place, and smooth it as you go.

Hiram, that edge is running out two inches from the line.

I won't abide such careless work in any room of mine.

Take that strip down and start again, it's crooked as can be.

Look out, it's loose behind you there. Quick, catch it. Can't you se for mercy sake be careful now. You just can't jump around So awkward on a narrow plank that high up off the ground.

It's crackin," Hiram. Hiram! Jump!"

Denote my ignominious fall, (Quotation also ends.)

And you behold your servant now, reclining on his ear
Enswathed as in a winding sheet in gobs of pasty smear. e paste was in my hair and eyes. The paste was all around, the Marthy, harticulate, brought forth no mortal sound. Enough! And yet I cannot close without philosophizing About the fall of man—and eke, his subsequent arising.

If any man who reads my words has ever had the feeling of holding that first pasted strip against the kitchen ceiling. Has felt the firm conviction rise that three good hands, or four, Would not suffice to place that strip elsewhere than on the floor; That man knows well whereof I speak—agrees with my haranguing. Full many a man has set his hand to kitchen paper hanging—Has held that strip supinely up, and having once begun it, Though knowing well it can't be done, has gone ahead and done it!

Has met the task impossible, and somehow blundered through. There's hope for all the human race so long as that is true!

tras and look displeased but they must not discuss the matter. Even Hitler's name is only lightly breathed If you ask questions they shake their heads and whisper that unfortunately they cannot discuss this business. It

### Editors' Tribute to President Noon

in civilian clothes are also forbidden."

The editors of the Grand Rapids ed on non-partisan ballots. Press and the Hastings Banner had 2-This proposal would reduce the this to say of the death of President gasoline tax from three to two cents

GRAND RAPIDS PRESS

In the sudden death Wednesday night of Michael L. Noon of Jackson, Michigan farm organizations lost an able pilot who had safely guided their old industrial ship past the dangerous shoals in the sea of time for the last the present figure. decade. He was the type of leader that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition, is provided for in the that was considered best for society tory petition. and industry. He was a true champio in public conferences and in the field a majority of the voters in a county. of marketing and business.

Mr. Noon came in contact with many thousands of rural and urban folks. Wherever he went and wherever he spoke the voice of agriculture, he was respected and loved for his aggressive stands for the right or against wrong as he saw it, for his liberal policies on public questions and his conservative leadership in times when it might have proved extremely dangerous to

excite debt-ridden farmers. Working with other farm leaders, Mr. Noon rendered invaluable service to Michigan agriculture and society during the period of its greatest emergency. There have been no destructive uprisings among Michstates. There has been no loss of life Reason came schools, practical state as a result of rural conflicts. This is a tribute to our rural leaderleaders who pleaded for the substitution of sound reasoning for brute force. His was usually the voice of "Posters in prominent places, 'No good sense, and he used it to adsmall, but a job. Begging is severely lage, hamlet and rural community in dark, by the light of public lamps. the state.

### HASTINGS BANNER

who were grieved when they read of furniture of sandal and citron wood, the death of Michael Noon of Jackson inlaid with mother-of-pearl, ivory and July 3. county, which occurred on Wednes- silver. A great water system covered "Events in Germany this week end day. Mr. Noon was a real leader, a the city. Palaces had as many as are surely to become memorable. Up practical farmer, a man with a level 1,200 columns of Greek, Italian and head and a fine stock of common Spanish marble; one library had a sense. He had been the head of the publican-Tribune at Charlotte, Mich. end seven of his chief generals and "Everybody exercises a nazi salute men of state were put to death withnine terms and, at the time of his the least. Such stirring excitement has spoken in Barry county many when you leave—now it is, 'Hell the seven commanders of picked storm ways a pleasure and an inspiration Potato Exchange Ann'l

### Writing Wheat Checks

Washington.-Thirty million dollars in checks are now being drawn to wheat growers as the second and final payment on the first years of retiring 7,500,000 acres from wheat

### is banned. People may read the ex- Six Amendments Before Voters in November

Although nearly a score of proposed changes to the state constitution were discussed in the last few months, is altogether a situation which could only six of the proposals have been not exist in the States and which we qualified for places on the ballot at would not stand for. Goering, who is the November election. Five of the Hitler's prime minister of Prussia, is- questions will be submitted to the sued orders that all storm troops dis- voters after initiatory petitions bearband for a month and forbade them to ing sufficient signatures were filed wear uniforms of any sort. Meetings with the department of state. The sixth question was ordered on the ballot by the legislature. The order in

the ballot and brief summaries follow: 1-Provides that all judges be elect-

and would prohibit the legislature from increasing the tax above two cents a gallon. 3-At the present time the automo-

bile weight tax is 35 cents per hundredweight. The proposed amendment would prohibit the legislature from increasing the weight tax above 4-Reorganization of county systems

emergency. He stood for everything the legislature or submitted by initia-that was considered best for society tory petition, is provided for in the proposal of the farmers' cause wherever the is- would permit abolishing any present sue was raised-in legislative halls, constitutional office upon approval of

5-This proposed amendment would As president of the Michigan State eliminate the "uniform taxation" pro-Farm Bureau for nine trying years, visions from the state constitution and instructs the legislature to enact an income tax law.

6-This proposal would give justices of the peace jurisdiction in civil cases up to \$300 in cities of more than 250,000 inhabitants.

### Ancient Spanish City Wonder of the Ages

An Arabic academy is now functioning under King Fuad of Egypt. A little late, perhaps, but justified by the history of the Arabs, which was once full of learning.

The best information on the Arabs and their interests that we have found igan farmers such as took place in is in Draper's "Intellectual Develop-Iowa and many other middle western ment of Europe." In their Age of or destruction of property in this science, medicine and surgery, astronomy, practical art, commerce, and their numerals.

It was in Spain where the Arabs erected a great monument to their learning in Cordova, which boasted of more than 200,000 houses, and more than a million inhabitants. Hundreds of years before London had one public lamp, a man in Cordova might walk in a straight line for ten miles after Its streets were solidly paved. There were public fountains of quicksilver. Great chandeliers hung from ceilings There were many in Barry county in rooms corniced with fretted gold, catalogue that filled forty volumes. No nation has ever had such pleasure gardens as they. They were manufacturers of silk, linen, cotton, and other textiles. A wonder city of ages past .- W. G. Sibley in the Chicago Journal of Commerce.

# Meetings, Aug. 14-15

Cadillac-Tenth annual meeting of the Michigan Certified Seed Potato Growers will be held here August 14. The following day the Michigan Potato Growers Exchange will hold its vice to members.

There are 430 rooms in the Capitol of the United States.

### **FARMERS BECOME** OWN BANKERS IN PCA ASSOCIATION

88 Groups Have Loaned 6000 Farmers 2 Millions for

Farm Operations

By R. L. HARMON

St. Paul, Minn.-Short term credit as provided through Production Credit Associations under the Farm Credit Administration has evidently won a place for itself in the farmers' scheme of things in Michigan. Still, new, because the associations have been functioning only since February in the 7th district. In the 7th district, embracing Minnesota, Wisconsin, Michigan and North Dakota 88 associations were organized. On July 6 they had outstanding more than \$2,466,000 in loans after repayments in excess of \$60,000 had been made.

With the hearty co-operation of the members, who number approximately a rate of several hundred a week, it seems certain that the PCA's as they are femiliarly and the pcase of the are familiarly called, are doing something for the farmer that he wants

What they are doing is providing him with credit for periods of 3 months to a year to carry on his farm work. Largely these funds have been used to pay up other short time debts of like character, refinancing at a lower interest rate, but they have also been used to buy horses and cattle, also sheep for feeding, machinery,

feed and to pay wages in carrying on spring farming operations and other work. They are "production" loans, and may be made for those purposes that contribute to the production of crops or raising of livestock-also they are made to gardners, orchardists and nurserymen, which are of course specialized kinds of produc

Loans Come Quickly

Second in the proofs that the assoclations are meeting the demand is the fact that they are now able to make loans quickly. Loans of less than \$500 can now be made by the local association, often without first referring the application to the Intermediate Credit Bank which provides the funds. This has resulted in making loans available to applicants the day after applications are filed and the associations are working steadily towards the goal of furnishing loans which the proposals will appear on tions are satisfactory as quickly as they could be obtained from any type of lender.

Loans Being Repaid A third and important phase of their development has to do with the repayment of the loans. Every PCA oan made is expected to be repaid. The organizations were built upon the

expectation that every borrower would of course pay back his loan when it was due, or if catastrophe had overtaken his enterprise, that he would at least make a part payment and arrange for an extension. These exneeded by farmers in their great of government along plans adopted by pectations have been abundantly justi-

Loans Are Sound

The average weekly repayment for the past five weeks has been about \$11,000 a week, very few loans having come due for payments until lately.

The inspectors and the loan committees of the PCA's keep a vigilant eye to see that the loans are made on a business basis and that they are in no sense Santa Claus gifts. Comparatively few applications have had to be declined. Several times in the course of the spring's lending operations computations showed that the Intermediate Credit Bank which discounts all these loans for the local associations, was approving 94 to 95 per cent of the applications sent to it. The borrowers pay their local associations 5 per cent interest at present, but only 2 per cent of this is sent out of the community. This 2 per cent goes to the Intermediate Credit Bank which supplies the funds, and the 3 per cent remains in the association's local treasury, deposited in some local bank where it becomes part of the community financial assets. Earnings in the way of interest on loans as these are paid up and earnings on the investments in which the capital stock has been placed add to the income of associations. In time it is expected they will have sufficient funds to re-

### **Classified Ads**

tire the stock of the Production Credit

Corporation, which is about 4 times

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

REGISTERED HEREFORD BULLS, Repeater", "Woodford", and "Panama" loodlines. Moderately priced. Good se-ection. A. M. Todd Company, Mentha, nazoo) World's largest mint farm. (7-6-tf-28b)

### TOBACCO FOR SALE

MILDEST-OLD KENTUCKY CHEW Pipe free, Farmers Tobacco Syndicate, Mayfield, Ky. (6-2-4t-17b)

### FOR SALE-MISCELLANEOUS

MICHIGAN SEPTIC TANK SIPHON and bell as recommended by State College Agr'l Engineering dep't. Build your was septic tank and sewage a stem. Install when tank is built. Installation and operation simple. Discharges automatically. Have been sold 16 years. All in laily use and giving satisfaction. Instructions with each siphon. \$7.00 delivered. Farm Bureau Supply Store, 728. E. Shlawassee St., Lansing, (3-4-tf-60b)

LADIES' FULL FASHIONED HOS-ery, 3 pairs postpaid \$1.60. Chiffon of ervice weight. Guaranteed. Catalogue eady. L. S. Sales Company, Asheboro.

### may be declared. Drouth in Michigan, But It's

We hear much about the drouth and the damage to crops in Michigan, but how much better off we are than those in some other states.

We can still find water for live stock; we can still find water to quench our own thirst, we can still do the weekly wash even if we have to resort to hard water and softener and there's rivers and lakes within reach of all if need be.

Let's cease our complaining and instead give a sympathetic thought to the hundreds of thousands less favored then we and if need be let's be ready to share our bit with our unfortunate neighbors of other states. We too may be hard hit some daywe just imagine we are now .- Mrs. Edith M. Wagar.

Eight states have taken action for safer motoring through a safety glass law, which requires unbreakable

A dairyman advertised his bed and Sunday clothes for sale because he had no use for them.

### Solvay AGR'L LIMESTONE

Michigan Producers of PULVERIZED LIMESTONE LIMESTONE MEAL

Available At Your Nearest Dealer Solvay Sales Corporation 7501 W. Jefferson Ave. DETROIT, MICH,

the amount subscribed to by the bor-Going Back to Grass rowers, and that the farmer-members will have a fund from which dividends Washington. - Forty-five million

acres of grass lands which were plowed up and put to crops during the war are now going back to grass, Much Worse Elsewhere feed, forage and soil building crops under the agricultural adjustment program.

An average adult has 28 pounds of

### 3 Day All Expense De Luxe Tours to the World's Fair

Includes cab from depot to hotel and return to depot ... two nights' accommodation in comfortable room . . . two club breakfasts . . . three trips from hotel to fair grounds and return to hotel . three souvenir admission tickets to the fair.

The MIRA-MAR . . . 10 minutes to the World's Fair gate ... is a beautiful, modern hotel . . . 350 rooms with baths . . . situated near the lake, beaches, parks, and golf links . . . no parking worries.

Write for leaflet describing this and other tours of various duration

MIRA-MAR HOTEL 6222 Woodlawn Avenue,

Chicago

## **Should You Face** Years of Darkness

You Will Need Guaranteed Income What assurance have you that accident, disease or infection will not deprive you of your eyesight? Would you and

your family be dependent upon others? Do you know that our blind population is greater than the standing army in the United States? Sixty-two per cent of all blindness occurs after age 49, and charity supports 82% of our blind population. Our COMPENSATOR Policy will provide life income in case of 90% blindness. Cost is small.

Single premium paid provides permanent protection. Protection cannot be forfeited in any way. You can arrange for a policy equivalent to a trust fund of \$24,000 yielding 5%, or \$100 monthly blindness income for as long as you live.

Bloomington, Illinois

MFN-8-4

STATE FARM LIFE INSURANCE CO.

STATE FARM LIFE INS. CO. Michigan State Farm Bureau, State Agent, 921 No. Cedar St., Lansing, Mich. Without obligation to me, please send more information about your Compensator Blindness Income insurance policy.

ADDRESS \_\_\_\_

# A TELEPHONE PAYS ITS WAY

AS A BUSINESS AID, a telephone helps find the buyers who are paying the best prices for stock and farm produce.

SOCIALLY, it keeps every member of the family in close touch with friends, and helps them have more good times.

AS A PROTECTION, telephone service is priceless. In time of fire, sickness, accident or other emergency, a telephone will summon help instantly.

A farm telephone more than "earns its keep."



MICHIGAN BELL TELEPHONE CO.

### 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 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,"

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

Life members receive their Membership Credits in cash once a year. We furnish addressed, postage pre-paid envelopes for this purpose on your request.

MICHIGAN STATE FARM BUREAU Lansing, Michigan

### 10,000 Federal Farm Loans Granted Weekly

Washington-The Farm Credit Administration is now making about Farm Woman Writes About curtains, took all pictures from the 10,000 Federal Farm Mortgage loans per week, a drop from 13,000 per week in January and February of this year, In those winter months the applications for loans were about 13,000 per week. They have now dropped off to about 5,000 per week. The Farm Credit Administration has made more than 13 months and the system now holds about 26% of all the farm mortgages in the country. There are about 300,-000 applications for loans going through the banks now.



Sold by Farm Bureau Dealers

# Wool Pool Has Closed

By vote of our Board of Directors, the wool pool was closed for the receipt of further consignments on Saturday, July 21. The grading has been completed and no more wool can be handled through the pool this season.

We wish to take this opportunity to express our appreciation to all the readers of the Michigan Farm News who have consigned fleeces to this Association. This patronage has assisted in achieving a very substantial increase in the tonnage of wool which is being merchandized through co-operative channels.

MICHIGAN CO-OPERATIVE WOOL MARKETING ASS'N 221 North Cedar St. Lansing, Michigan

### High Sales-Good Weights-Proceeds Guaranteed Farmers and Stockmen

are assured of these important and essential Services when live stock is sold on the Open, Competitive Terminal Live Stock Market; where both large and small Packers, knowing there will be ample supplies of all grades of live stock available every day come and pay the Price by bidding against each other for their killing needs; where Weights are good because all live stock is properly fed and watered and not sold empty; and where all Checks issued for payment of live stock sold are Guaranteed by a Bond meeting Government requirements. Why take a chance on any other system? Secure all these services by Consigning your live stock to

MICHIGAN LIVESTOCK EXCH. Stockyards, Detroit

# 51/2% Money

Available for purchasing Feeder Cattle and Lambs, No so-called red-tape; No investment of five per cent of the amount of the loan in capital stock in a Production Credit Association; No guaranteeing the

payments of any other borrowers' loans. Five years of established and satisfactory feeder loan service. For complete information write us. Our Traffic Dep't at Detroit is maintained to handle your transportation problems and railroad claims. Also other public utility matters. This service is available to all shippers and farmers. Prompt attention given all inquiries. Write or telephone.

Tune in CKLW at 12:35 P. M. Mon., Tues., Wed., and Thurs., for live stock quotations at Detroit market Michigan Live Stock Exchange

Hudson, Mich.

# Service to Farmers

The State Mutual Fire Insurance Company of Michigan is a service institution, that offers fire insurance protection to farmers of Michigan. This State-wide organization is founded on service to the farmer and was started by farmers, for farmers.

This Company gives to all honorable and deserving farmers, who ask for its fire protection, a broad and liberal blanket policy on personal which often pays double the amount a "classified" policy would pay. Our policy was designed in the interest of the farmers and fits their needs and particular requirements. This policy is written in plain and direct understandable English and no wording is used that is misleading to avoid this Company's hability. The Federal Land Barand other loaning agencies accept our policy.

Guard Against Summer Fire Hazards We protect our members and policy holders from financial loss against the times, which would otherwise cause severe hardship and trouble and we ask in return from our members that a reasonable care by exercised to reduce fire hazards and prevent seasonal causes that respult in fire, especially as in dry and drought periods.

Assets and resources total more dwellings, having fire resisting than One Quarter Million lars. Fremiums and assessment payments are arranged to suit your convenience. Assessments are levied on the anniversary of each policy which brings in a current daily income that losses are paid from. This feature protects our surplus for use only in extreme emergency. Credits are allowed for lightning rods, approved fire extinguishers and



largest farm mutual fire insurance company in Michigan

# State Mutual Fire Insurance Company

702 CHURCH ST. of Michigan FLINT, MICHIGAN

W. V. Burras, President

H. K. Fisk, Secretary



Tied up all your

MICHIGAN'S RESPONSIBILITY LAW A judgment for \$300 or more for death, injuries or property damage caused by your car or truck MUST be paid within 30 days or YOU stop driving and YOUR cars or trucks stay off the road until the judgment is paid. You'll need \$11,000 financial responsibility to drive again.

WHY RISK ALL THAT? Our insurance guarantees your financial safety. Satisfies ALL demands of Michigan's Motor Vehicle Financial Responsibility Law, and such laws in other States.

COST IS LOW. Save by insuring in this strong, legal reserve Company. 350 agents in Michigan, 7,000 in U. S. Mail us coupon below.

STATE FARM MUTUAL AUTO INS. CO. Bloomington, III. Michigan Farm Bureau, State Agt., Lansing, Mich.

State Agt., STATE FARM MUTUAL MF12-33
221 No. Cedar St., Lansing Mich.
Without obligation to me, please send more information about your auto insurance and the Financial Responsibility Law.

NAME

ADDRESS .

### **Dust Storms of Dakota Twice** As Bad as You've Heard

Her Experiences Since Last November

igan, wrote Mrs. Nell Smith of Conde, her blow, for we couldn't stop it. South Dakota, about the drouth in 400,000 federal farm loans in the past Michigan, her son Donald remarked,

> hadn't experienced yet in Michigan, as Republican-Tribune at Charlotte:

we'd never have believed it.

"The fields were planted to grains week in March and first week in April. However there had been no rain or which sprouted the grain but none to never got any start.

card of history. It was so dark, we read—it was twice as bad as all of it. Chronicle, were compelled to have the lamps And the next day, of course, we clean- Chickens went blind from the dust. ed it all up. We got a 16 quart pail of clear dirt from the living room and

Dust Storms "For a week or so, we dated every thing from 'the big dust storm'. Then fine silt or particles of dirt cut off any dishes or food on the table. any vegetation until our yards were corn fodder, straw or hay, last summer and very little grain.

"The roughage didn't seem to last ly 4% more food value than ordinary wheat straw. And all other feed was the livestock condition until spring tures or weeds would start, along fields were as bare as our yards.

women folks took down our window hay."

walls, scarfs from the dressers and tables, took off bedspreads and used blankets-kept strips of cloth soaked in water and wedged in window When friends in Charlotte, Mich- cracks and even key holes, and let tax law should be revised and its de-

Mr. Fitzgerald's reply concluded.

Lacy for Farm Exemptions

Detroit—Judge Arthur Lacy, cam-paigning for the Democratic nomina-

tion for governor, says that the sales

seeds, feeds, fertilizers and other ar-

Do \$40,000,000 in '35

A scientist has discovered that al-

**FLY SPRAY** 

FARM BUREAU FLY SPRAY for

cattle is deadly to flies. Kills on

contact. Repels files long time.

Makes milking peaceful. Helps

production. Clean, petroleum odor.

Won't spot or taint milk or cloth-

FARM BUREAU "KILL . FLY"

special for household use. Kills

flies, mosquitoes, ants, moths, etc.

Both made from Gov't formula. 1

lb. of pyrethrum per gal. of spray.

Sprays of similar effectiveness us-

ually sell for at least 15% more.

Kill-Fly in pints, quarts, gallons.

Fly Spray in gallons and drums.

Buy From Your

FARM BUREAU DEALER

fects eliminated. He would exempt Twice Worse Than Reports "Then sickness set in. Flu and what ticles used in producing farm crops "Tell them, they ain't seen nothing the hospitals called 'dust pneumonia'. to be sold. Surgeons refused to operate unless a Mrs. Smith wrote to tell what they case of life and death. Accidents on Believes Sales Tax Will roads were frequent. One day in published in a July edition of the January Paul and I were called to Redfield to sign some papers, and "Really, had anyone ever told me the day was beautifully calm when that fields and farms could have we left but in about an hour after we will produce \$34,750,000 the first, and come to the place they have-well, got to Redfield the dust started to is expected to go to \$40,000,000 or blow. When we started home-as more in the fiscal year ending June early as possible, there were two 30, 1935, according to James Mogan, at the regular seeding time—the last stretches of road of about two miles managing director of the State Board each, where it was impossible to see of Tax Administration. If the sales more than one-half the distance to the tax total reaches \$40,000,000, Mr. Mo snow but there was a little moisture radiator. Donald, of course was gan believes it will supply upward of driving, and the only guidance he \$12,000,000 for the aid of the public keep it growing. Consequently it had was as Paul told him how close schools. lied. A few scattering bits of wheat the wheel was to the ditch. The ditches for 20 miles were filled with Our first dust storm came last dirt level with the federal highway, falfa is just as good to eat as spinach. November 12. Had there been snow, Fences five feet high were buried. I \* \* \* That's what we've been maint would have equaled the worst bliz- don't know what all you heard or taining for years.—Grand Rapids

"Horses and cows in trying to get a lighted all day long. We thought little green grass or pasture, ate so perhaps the fact that this house is much dirt that they died. After they old, made it more likely to let the were dead, some of the farmers opendirt in, but the others were the same. ed them and found hard clods of dirt A cloud of dust was in the rooms to in their stomachs. We had one die the north. That was our first one. just recently from dust pneumonia.

Wait Till It's Over "At last when a terrible storm would ome-and we had another one just last week, we go into a room on the opposite side of the house, shut the doors and stay there till it's overwe quit-for we had them over and then sweep off the beds and crawl in. over. Sometimes 3 and 4 days per Sounds primitive, doesn't it? We've week from as many different direc- had to wait till every one is seated tions-and no rain or snow. The at the table before we could place

"The drouth was broken, I believe as bare as a graveled highway. There June 4, and we've had some nice rains. had not been much roughage, such as And while there'll be no grain, the farmers have mostly planted millet, sudan grass, cane and late corn for fodder. The millet, cane and sudan or give the usual amount of nourish- grass seed were furnished by the ment. Some of the alfalfa and sweet government-either to be paid for, clover hay was sent to the agricul- \$5.13 or the like amount of seed retural school and found to contain on- turned this fall. It is all up nicely, now, but unless we get some rain soon, it won't amount to anything. No in the same proportion. Such was one planted garden until after a good rain about two weeks ago. Everycame when ordinarily grass and pas- thing is a month behind. The fields where wheat, oats and barley and with winter wheat and rye, but not even lawn grass would naturally be one bit of green stuff showed up. The coming are green with an 8-inch crop of Russian thistle. Some of the farm "Dust storms continually-until we papers advocate putting them up for

# TRIP DOWN SOUTH FOR SOME FARM

Winner of Speaking Contest In November Goes to Nashville

By MRS. EDITH M. WAGAR Farm Bureau women are urged to enter into the Michigan State Farm Bureau speaking contest for women this year at the annual meeting at

Lansing in November. Last year all privileged to hear the contestants praised the plan and expressed a desire that it be continued.

The National Farm Bureau again announces a national contest, in which the Michigan State Farm Bureau will co-operate. The topic is 'The Farm Woman and the New The Michigan State Farm Bureau

will pay the expenses of the winner of the State contest to the annual meeting of the American Farm Bureau Federation which will be held in early December at Nashville, Tennessee. We urge each county to encourage

a county contest among its women and to send the winner to the State contest which will be held during the state annual meeting in November.

There is to be a series of meetings throughout the state in September along legislative lines and this would afford a good opportunity for holding a county elimination speaking contest in connection with it.

Any Farm Bureau woman is eligible to enter as a participant and when once she begins to study the New Deal she will find much material for her story. If interested, please notify the state office or your district man and material and suggestions will be gladly supplied.

one of the best features of the state annual meeting. We made a good beginning last year, and we can improve on it this year if we make the

### Clover, Reed's Grass Makes Muck Pasture

East Lansing-Sweet clover, mamgrass sown on experimental muck these problems will be presented. grass and common muck crops to ership than just now. show best yielding varieties and for Michigan will be represented by sev lege Tuesday, August 7,

### Hear Bean Marketing Plan, Saginaw, Aug. 7

Saginaw-On August 7 the Agr'l Adjustment Administration will hold a public hearing at Bancroft Hotel on the proposed marketing agreement for beans. It is one of five such hearings to be held in principal bean producing areas to arrive at a general marketing agreement.

Under the proposed bean marketing agreements which now differ only enough to allow for special considerations in the California, Pinto, Great Northern, Michigan, and New York areas, it is provided that a bean industry board would estimate the supply of each variety of beans for the marketing year. The board will estimate the amount deemed advisable to market. The difference would be withdrawn from market as surplus. The board would have power to act to convert the surplus into by-products, to sell it in foreign markets, or hold it over to the following year to add it to the amount to sell, in event of a crop shortage. In each region, Michigan for example, the industry board would consist of 7 members, 3 elected by growers, 3 elected by dealers, and the six would elect a 7th, neither a grower nor a producer, to represent the consumers.

The national bean industry board, under present plans, would consist of a grower and a producer member

from each of the five regional boards. For many months the bean industry, particularly the producer end of it, has been trying to arrive at a program to raise the price of beans. Much work has been done locally and at Washington. Many proposals have been abandoned. The bean marketing agreement, which has been sound from the beginning, appears to be the plan that will go into operation if the growers approve it.

### Midwest Farm Bureau We want this state contest to be School Chicago, Aug. 13

The Farm Bureau Midwest States Training School will be held at the Sherman Hotel, Chicago, on August 13, 14, and 15.

This is no mid-summer vacation but rather a get-down-to-business training school for Farm Bureau leaders.

Many problems confronting the organization will be topics for discussion and a comparison of methods moth red clover and Reed's canary from the several states in approaching

plots at Michigan State College May 8 | County Farm Bureau officers and now shows a growth that would fur- all others interested are urged to atnish knee deep pasture after one of tend some or all of these sessions. the driest periods in Michigan history. There never was a greater need for One hundred experiments on legume, intelligent understanding farm lead-

response to fertilizer and cultural eral from the State Farm Bureau treatments will be exhibited at the staff, including the membership repremuck farmers' meeting at State Col-sentatives in the several membership lege Tuesday, August 7.

### Fitzgerald Agrees With Farm Bureau in Suit FRANCE AGR'L PRODUCTS (Continued from page one.) should have the relief prayed for,"

HI-CALCIUM HYDRATED LIME AGSTONE MEAL

PULVERIZED LIMESTONE SPRAYING LIME AGRICULTURAL HYDRATED LIME

See your Dealer, Co-op, or Farm Bureau Dealer for FRANCE AGRICULTURAL PRODUCTS

THE FRANCE STONE CO.

or - THE FRANCE STONE CO., Toledo, Ohio

# FARM BUREAU FENCE

has double protection against the weather

FARM BUREAU FENCE is made with lasting qualities that enable it to stall off the attacks of the elements for years and years. The wire of which Farm Bureau

Fence is made has a heavy, tight coating of extremely pure zinc (impurities in zinc are believed to shorten its life) and will resist the containing from .20 to .30 per weather for a remarkably long cent copper, is remarkably resisttime. But even without the zinc coating Farm Bureau Fence would Farm Bureau Fence offers dependhave very long life, because the able, low-cost protection to your wire itself, of copper-bearing steel livestock and crops for many years.

TRUE COPPER-BEARING STEEL THICK TIGHT

ZINC COATING

FARM BUREAU SERVICES, Inc., Lansing, Mich.

# The Key to Meat Prices

WHAT is the key to meat prices? What makes live stock prices?

It's Mrs. Consumer who makes prices. She is a most careful buyer. When certain meat cuts move beyond her reach, she pays less and takes other ones. Or turns her back on meats, and buys something else.

Immediately, meat prices slip down a bit, for dressed meats are highly perishable, and must be sold at once. This results in lower live stock prices.

You can't get away from it-Mrs. Consumer's buying power is the key to meat prices in stores.

Packers cannot pay more for live stock than can be obtained for the meat and by-products.

The keen competition between hundreds of packers-all eager for their share of Mrs. Consumer's business-insures producers the best possible prices.

This competition has kept service costs and profits low. Over a period of years, Swift & Com. pany's profits from all sources have been only a fraction of a cent per pound.

# Swift & Company

In daily touch with more than 35,000 consuming centers of meats, poultry and dairy products

Visitors to the 1934 Century of Progress are cordially invited to visit the "Swift" Bridge of Service" exhibit, and the Swift Plant at the Union Stock Yards.

### 178 Co-ops Back Sales Tax Suit

Here are the farmers' co-operative ass'ns, co-operative creameries, County Farm Bureaus and others who will assist the Michigan State Farm Bureau in the suit started in the Ingham circuit court June 29 to require exemption from the 3% sales tax of seeds, feeds, fertilizers and other supplies bought by farmers to produce farm products for sale.

Since July 1933 the Farm Bureau has held that farmers buy such goods for resale in the form of farm preducts. The law says goods bought for resale are exempt from the tax. The State Board of Tax Administration ruled that farmers do not buy such materials for resale, and has failed to grant farmer's a hearing in the matter.

FARMERS CO-OPERATIVES Albion Elevator Co.
Allegan Farmers Co-op
Ann Arbor-Chas. McCalla
Auburn-Farmers Co-op Union
Avoca-Kerr & Collins Bad Axe-Farmers Elevator Bad Axe—Farmers Elevator
Bangor Fruit Exchange
Barryton Co-op Potato Ass'n
Batavia Co-op Company
Battle Creek Farm Bureau
Bellaire Marketing Ass'n
Benton Harbor—Gr. Lakes Fruit Ass'ns
Blissfield Co-op Company
Boyne City Co-op Co.
Bronson Co-op Company
Brooklyn—G. Raynor Boyce
Brunswick—Tri-County Mktg. Ass'n
Buchanan—St. Joe Valley
Byron Center Co-op Co.
Cadillac—Mich. Potato Growers Exch. Byron Center Co-op Co.
Cadillac—Mich. Potato Growers Exch.
Cadillac Go-op Co.
Caledonia Farmers Elev.
Caro Farmers Elevator
Cass City—Farmers Produce Co.
Cassopolis—Central Farmers
Cedar Produce Exchange
Cedar Springs—Harry Shaw
Charlotte—Farmers Elevator
Charlevoix Co-op Ass'n
Chesaning Farmers Elevator Co.
Chippewa Co. Co-op
Clare—Independent Produce Co.
Coldwater Co-op
Coloma Fruit Exchange
Coleman—Farm Bureau Elevator Coleman—Farm Bureau Elevator Constantine Co-op Ass'n Cooperaville Co-operative Decatur Elevator Co., Inc. Decker Co-op Co.
Delton Farm Bureau Elev.
Dexter Co-operative Co.
Dorr—Salem Co-op Co.
Dowagiac Farmers Co-op East Jordan Co-op Ass'n Elk Rapids Marketing Ass'n Elkton Co-op Farm Produce Ellsworth Farmers Exchange Evart Co-operative Company Falmouth Co-op Mktg. Ass'n Fennville Fruit Exchange Fowlerville Farmers Co-op Frankfort—Custer Carland Fremont Co-op Produce Co. Grand Rapids Growers, Inc. Grass Lake Farmers Elevator Harbor Beach Farm Bureau Harbor Beach Farm Bureau
Hartford Gleaner Co-op
Hartland Area Mills
Hamilton Farm Bureau
Haslett Elevator Ass'n
Highland Producers Ass'n
Hillsdale County Co-op Ass'n
Holland Co-op Company
Howell—Livingston Co-op
Hudson—Michigan Livestock Exch.
Hudsonville—Farmers Co-op Jackson—Farmers Supply Store Jeddo—Farmers Efevator Co. Jonesville—C. S. Bater Kalamazoo-Farmers Produce Co. Kent City Farm Bureau Lake Leelanau—Provement Co-op
Lansing—Michigan Elevator Exch.
Lansing—Farm Bureau Supply Stores
Ludington Fruit Exchange
Lawrence Co-op Company Mancelona Co-operative Co.
Marcellus—Four County Co-op
Marlette Farmers Elevator Company
Marshall—Farmers Co-op Elev.
Marshall—Calhoun Onion Growers
Marine City—Tosch Elevator Co.
Middleville Co-op Ass'n
Middleton Farmers Elevator
Milan—Henry Hartmann Milan-Henry Hartmann Millburg Growers' Exchange
Montgomery—Tri-State Co-op
Montague—White Lake Mktg. Ass'n
Mt. Pleasant Co-op Elevator
Memphis Co-op Company
Muskegon Farm Bur. Mktg. Ass'n Nashville Co-op Elevator New Haven Farmers Elev. Co. Northport-Leelanau Farm Bureau Niles Farmers, Inc. Northville—Dean & Saxton Onekama-C. & A. Services Oxford Co-op Elev. Co.

Oxford Co-op Elev. Co.
Parma Co-op Elev. Co.
Paw Paw Co-op Ass'n
Perry—C. H. Arnold
Petoskey Produce Co.
Pigeon Co-op Elev.
Plainwell Co-op Co.
Prattville Co-op Co.
Prattville Co-op Co.
Pullman Farmers Co-op
Quincy Co-op Company
Ravenna Inc. Butter Co.
Reading Co-op Co.
Rockford Co-op Co.
Rockford

CO-OPERATIVE CREAMERIES

Alto Co-op Creamery
Caledonia Creamery Co.
Coldwater Dairy Co.
Conklin—Co-op Creamery
Constantine Co-op Creamery
Carson City—Dairyland Co-op
Delton Co-op Creamery Co.
East Saugatuck Co-op Creamery
Freeport Co-op Creamery
Grant Co-op Creamery
Co.
Harbor Beach—Farmers Co-op Cr'y.
Hemlock Co-op Creamery
Marcellus Co-op Creamery
Marcellus Co-op Creamery
Nashville—Farmers Co-op Creamery
St. Joseph County Farm Bureau
St. Louis Co-op Creamery
Co.
Shultz Co-op Creamery
Co.
Shultz Co-op Creamery

Zeeland Farmers Co-op Ass'n

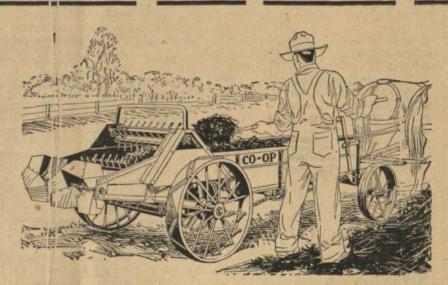
Westphalia Co-op Creamery
COUNTY FARM BUREAUS
Branch County Farm Bureau
Clinton County Farm Bureau
Calhoun County Farm Bureau
Huron County Farm Bureau
Jackson County Farm Bureau
Lapeer County Farm Bureau
Monroe County Farm Bureau
Muskegon County Farm Bureau
Ottawa County Farm Bureau
Saginaw County Farm Bureau
Saginaw County Farm Bureau
Sanilac County Farm Bureau
Sanilac County Farm Bureau
Shiawassee County Farm Bureau
Washtenaw County Farm Bureau
Washtenaw County Farm Bureau

# OUR CO-OP SPREADER IS NEW

Large Capacity, Low Down, Pulls Easily

### Two-Horse Spreader

Here is a real two-horse spreader—light in draft. You can move it with one hand with the beaters in action. The light, strong steel construction and the wide, continuous tread of wheels which track make for lighter draft. The frame is all steel-angle construction, with all self-aligning bearings and Alemite-Zerk lubrication. 4½" front wheel tires, 6½" rear. Tire edges rolled.



### Only Three Feet High

The top edge of the Co-op Spreader box is only 3 feet from the ground, front and rear. Takes 10 to 25% less work to load. Low enough for carrier systems. Will pass through ordinary doors. Road clearance has not been sacrificed. There is 14" clearance front and rear. With automobile-like front wheel swing, box sets low and spreader will turn around in a 17 foot radius.

# We Have Made This Spreader Convenient, Strong and Durable

CO-OP SPREADER BOX HOLDS 60 BUSHELS. It's stronger. Extra strong steel angle sills are used. The bottom is flush with the strong steel angle frame. The result is a low spreader without reducing capacity. The tight bottom is equipped with corner molding. It's 2" wider at the rear than in front, which makes unloading easy. Bottom boards creosoted to prevent rotting. Top of box 36" from ground. Most spreaders 40 to 45". Ours loads easier.

STRONG BEATER TEETH COLD RIVETED to sturdy bars so they cannot work loose. Should one be broken, you can easily replace it in the field with a hammer and cold chisel. If we welded these teeth in, it would be a costly proposition to replace broken teeth. If bolted, the teeth could work loose. On the Co-op Spreader the teeth are cold riveted.

MAIN CHAIN DRIVE is extra heavy and drives both beaters. Only two chains on spreader. Main chain thrown out of gear by simple lifter shoe—when out of gear it can't catch on sprocket. Conveyor chains tightened by adjusting screws at front end of spreader in easy reach.

LIGHT DRAFT. Spreader weights 1,200 lbs.—
100 to 500 lbs, lighter ithan others. You can pull
it with one hand with beaters in action. Two
horses handle it loaded easily. Weight is largest draft factor. For light draft we provide:—
wide tired wheels that track, continuous tread
lugs, tapered box, sellf-aligning bearings with
oil chambers. Alemite-Zerk lubrication for
all bearings is positive and easily done. Bearings are closed so dirt can't get in.

HEAVY STEEL AXLES add strength and durability. Chains and levers are steel. High carbon steel distributor blades are riveted together so they cannot work loose. Driving mechanism is protected by heavy steel shields. Automatic take-up for wear or stretching of drive chain is provided. Convenient adjustment provided for taking up the conveyor shains.

ment provided for taking up the conveyor chains.

COMPLETE CONTROL. The Co-op Spreader gives you a wide choice of the amount you wish to spread per acre. You can set the lever to spread 6, 12, 18 or 24 leads per acre. Both levers are in convenient reach but when loading are out of the way. Seat swings for-

ward out of way when loading. Always stays

clean. Has spring support for easy riding.

RIVETED WHEREVER POSSIBLE. The steel angle construction forms a very strong and flexible frame. Steel angle sills, frame and side pieces are all securely rivited together, supporting the box in all directions. Long, self-aligning bearings eliminate binding. They allow the spreader to operate smoothly regardless of twisting strains, and give a maximum of bearing service at any angle, this keeping wear and draft at a minimum.

FRONT WHEEL SWING TURN. Like an automobile. As wheels turn they swing out away from box, never under it. Gives short (17 foot radius turn) without cutting under or raising box. Permits straight, solid attachment to axle with heavy gusset plates. Pull is direct from axle to frame. No brace rods required. Bearings completely enclosed. No dirt gets in.

BUILT FLEXIBLE. Modern design and construction have eliminated unnecessary rigidity. The Co-op Spreader will go over bumps and rocks in better shape. It will not spring out of shape. The frame, box and bearings are built to twist without hurting them. One chain drives both beaters. Spring idler keeps it tight. Can't catch when out of gear,

SHIPPED COMPLETE with two horse evener and Alemite-Zerk grease gun. Extra equipment available includes brake attachment, 3 horse evener, tractor hitch and lime spreader attachment. Lime spreader easily installed. Two bolts hold it. Has 11 inches ground clearance—can be used in corn stalks. Gears are up out of lime. Shield keeps lime out of feed ratchet. Designed to spread lime finely and evenly. This attachment makes the spreader an excellent machine for applying lime.

BOILER RIVET WHEELS. Spokes are not forged into hub just like boiler rivets and can't come loose. Wheels built from hub out, forming perfect circle with even tension on all spokes. Rear wheels have continuous tread—spokes forged through lugs as well as rim. Front wheels have spokes set in groove to make smooth tread. All wheels have rolled in flanges.

THE DOUBLE BEATERS with sharp chisel pointed teeth tear the manure apart and throw it against the sharp corners of the swiftly revolving distributor. The Co-op Spreader will make manure valuable fertiziler in the shortest possible time. It cuts, tears and pulverizes.



# Sow Alfalfa in August

IT WILL RAIN. Be ready to sow some alfalfa and have pasture and hay next summer, whether it's wet or dry. Alfalfa is the only forage crop that has come through with yields this year, and in the droughts of 1930 and 1931. Even in September, it will pay to risk 40 lbs. of Farm Bureau seed on five acres, with forage short as it is.

FARMERS ACTED ON OUR ADVICE and bought Farm Bureau alfalfa this spring at low prices. We sold a powerful lot of seed at the low price. Seed replacements are beginning to cost more. We expect much higher prices if this keeps up. Buy Farm Bureau's certified Hardigan or Grimm, Farm Bureau's Michigan Variegated or western Grimm and common and have No. 1 winter hardy alfalfa. Heavy yielders. Sow 7 to 9 lbs. per acre. Lime soil if needed. Prepare good seed bed.

SWEET CLOVER and TIMOTHY are going to be in great demand this fall. We're shipping a lot now. Their prices are moving up. It will pay to get your requirements early. Farm Bureau gets the best sweet clover and timothy there is to be had.

### **Emergency Fall Pasture**

FARM BUREAU RYE sown in August will make good fall pasture by October, and again early next spring. It will save hay. Sow a bushel to a bushel and a half per acre.

### FALL GRAINS

Certified wheat and rye promise to be scarce. We are taking orders subject to our ability to fill them. See your Farm Bureau Dealer now about:

BALD ROCK—Beardless, soft, red winter wheat. Big yielder. Resistant to lodging. Developed from Red Rock.

RED ROCK—Old, reliable, bearded, soft red winter wheat. Holds many records for yield. Stiff straw; doesn't lodge.

BERKLEY ROCK—Bearded, hard, red winter wheat. Stiff straw. Very winter hardy. Immune to smut.

AMERICAN BANNER—White, soft winter wheat. Beardless, Stiff straw. Winter hardy. Heavy yielder. Best for lighter wheat soils.

ROSEN RYE—Outstanding heavy yielding rye. Large plump berries. Well filled heads. There is no better rye.

WINTER VETCH—Sow with rye. Excellent cash seed crop. Michigan is specially adapted to vetch seed production. Vetch, a legume soil builder.

### WE BUY SEEDS—WE CLEAN SEEDS

LET US BID on your Michigan grown alfalfa and clover seeds. Send us an 8 ounce representative sample, taking equal amounts from each bag to make stock from which to take sample.

LET US CLEAN YOUR SEEDS in our modern plant. Very reasonable charges. Send sample and we will advise cleaning needed and price. Have seed cleaned early.



# Grain Prices Urge Fertilizer

HEAVIER YIELDS COUNT UP QUICKLY. Prospects are for continued better grain prices. Fertilizer pays on wheat. Alfalfa and other crops following fertilized wheat always show large increases in yield. You get two returns from fertilizer.

WE RECOMMEND FARM BUREAU FERTILIZERS because they have the quality that gets results. Their nitrogen is 95% water soluble and quickly available as against 70% required by State law. Our phosphorus and potash carriers are the best. Farm Bureau fertilizers are extra dry, granular and easy to regulate. Priced low.

LIME THIS FALL for alfalfa and other crops next spring. The more time lime has before seeding, the better the results. Ask for Farm Bureau Solvay or France lime.





### Wire Ties

FARM BUREAU seed service has used wire ties for years and has found them so handy for many others uses we are stocking a pistol grip tier we will sell at \$1.00. Also, 6" by 16 gauge ties to sell in small lots at \$1.30 per thousand. This is just right for  $2\frac{1}{2}$  bu. bags. Handy for repairing wire fence, and can be used in place of baling wire in emergency repairs. You'll find this tier handy.

# **Mermash Makes Good Pullets**



FED MERMASH
November 1 to June 1
320 White Leghorns,
owned by Mr. Fred F.
Thompson of Shiawassee County, averaged 201 eggs per day,
or 62.8% production.

THESE ARE THE WEEKS in which to produce large, heavy bodied pullets that produce eggs cheaply and steadily when eggs count.

GIVE YOUR PULLETS on range free access to Mermash 16% and hard grains, both in hoppers if possible. If they seem to be maturing too rapidly close the mash hoppers for a portion of the day. Pullets should be well developed as to size and weight before they come into production.

MERMASH 16% PROTEIN is a starting, growing and laying mash for chickens, ducks and turkeys. It provides in ocean kelp and fish meal food iodine and other essential minerals lacking in Michigan crops and soils. Poultry responds to low cost Mermash with splendid growth and production. Write for our booklet:

"THE STORY OF MERMASH"



16, 24 and 32% Protein

# For Farm Bureau Supplies

SEE YOUR CO-OP OR FARM BUREAU DEALER

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



MILKMAKER FORMULAS
16, 24 and 32% Protein