

MICHIGAN FARM NEWS. Successor to the Michigan Farm Bureau News, founded January 12, 1922. Entered as second class matter January 12, 1922, at the post-office at Charlotte, Michigan, under the Act of March 3, 1879.

Probably Worse Before Its Better (Continued from page 1) Q. "Would a revaluing of money help?" A. "Absolutely, but do not attempt it hurriedly; not by a managed currency if the management is not set up properly."

The Skating Lesson By R. S. Clark "Gosh, I says to Marthy, 'Have we got to go all through January without a lick of snow?'" "Well, she says, 'The pond is frozen, but 'em skate'."

Services Dealers Get New Fertilizer Plan Lansing—Farm Bureau Services, Inc., is holding meetings with Farm Bureau dealers throughout southern Michigan, explaining the new plan for distributing Farm Bureau fertilizer for spring 1933.

Dress Dolls FREE Four Lovely Dress Dolls and nine Dolls printed in beautiful colors. Do not send any money—just your name and address. Supply limited. Write today.

Holstein Men Went Ahead in 1932

Once more, by invitation of the Michigan Holstein-Friesian Ass'n the FARM NEWS presents the Honor Roll of the best Holstein cows in Michigan. According to Secretary Hays of the Association, for our Holstein industry 1932 has been a year of going ahead, rather than just hanging on.

Worse Before Its Better Q. "Is the economic condition of people to become worse before getting better or will it get better before getting worse?" A. "City real estate will get worse; unemployment will not improve soon; corn and wheat farmers probably will not experience any worse conditions; dairymen will suffer more before it sees improvement and there will be no general improvement very soon."

1895 Herd Butterfat Limit Has Been Doubled by Test

15,000 Michigan Dairymen in Test Assns Since 1906 It has meant work, lots of it, by our successful dairymen. It has helped them succeed and the 15,000 dairymen in Michigan who have tested at one time or another, have aided by their knowledge in solving other knotty problems.

A Great Bank Looks at 1933

Developments since the election have been disquieting rather than reassuring as far as business prospects are concerned said the Cleveland Trust Company recently in regarding 1933. The war debt situation has brought about further sagging in prices, with consequent reduction in world income and increase in the weight of all debts.

Why Cod-Liver Oil Is So Important For Babies

Cod-liver oil is not a medicine but a food. It acts as a food, and is considered so important in children's winter diet that nutritionists urge its regular use no matter how reduced the income. Fifteen to twenty-five cents a week will provide small regular amounts of cod-liver oil for each child under 2 years old—from 2 to 4 teaspoonfuls a day—says the Bureau of Home Economics.

Can This Be Possible?

Dr. F. D. Farrell, president of the Kansas State Agricultural College, speaking at Purdue University this week, said that for the past ten years a migration to the country has been under way equivalent to a goodsized trainload each hour of every 24, and 365 days a year. In short, 15,344,000 people have left the cities and towns and have returned to the country. This figure does not include those living on the fringe of cities and towns and engaged in some gardening and poultry raising. More people are on the farm than any time since 1910.

Improved Pasture Pays

Improved pastures are a cheap source of feed for stock. A farmer in New Hampshire, co-operating with his county agent, top-dressed his 5 acres of pasture with 500 pounds of complete fertilizer at a cost of \$75, reports the Utilizer States Department of Agriculture. After 4 weeks he turned his cows on this pasture. Tests made during the six weeks the cows grazed there showed that his herd produced 7,000 pounds more milk than they did in the same period the previous year, although the farmer had one cow fewer and fed 800 pounds less grain. Based on current milk prices he made \$189 on the extra milk and saved \$16 in the grain, netting him an increase in income of \$205.

Classified Ads

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

Auditor General Stack on Delinquent Taxes

John K. Stack, the new auditor general of Michigan, is strongly in favor of a plan to refund delinquent taxes over a period of years. "I am strongly convinced," said Mr. Stack, "that one of the greatest problems facing the State lies in the solution of the delinquent tax problem. Thousands of our people haven't the money to pay the accumulated sum of these delinquent taxes, and they certainly are richly deserving of assistance in some manner. I believe an equitable answer lies in refunding the amounts over a period ranging from 20 to 30 years. If a man owes \$400 in delinquent taxes on his home or business, it is positively revolting to everything in my nature to think of offering this piece of property for sale when conditions of the past three years have denied him the right to meet his obligation."

926 Persons in 1,000 Have Colds Every Year

Ann Arbor—Out of every 1,000 persons 926 will catch at least one cold a year; October, December, January and March will be the danger months; and men will have 23 per cent more than women. These odds on respiratory disease chances have been determined from a study of thousands of students by the University of Michigan student Health Service. Why women should escape more colds than men, despite silk stockings and lighter clothing, is still a mystery, but University physicians found their conclusions reinforced when of 10,229 history blanks filled out by entering students since 1919, "frequent colds" were listed by 18 per cent of the women and 22 per cent of the men. Averages of total cases treated give the women an even higher advantage.

Michigan Dairy Herd Improvement Items

In 1932 52 Holstein herds averaged over 400 pounds fat per cow. This is 19 more herds than in 1931. 1,000 herds are tested in Michigan, all breeds. Some are purebreds, others are grades. About 70% of these herds are Holstein. Top herd over all breeds is the Doan Straub herd of Holsteins at Gail, 13 cows averaged 550.1 fat, 14,822 milk. This is the third year the Straub herd has been high. The 63 herds averaging 400 pounds fat or over for 1932 are located in 22 counties of the lower peninsula; there is one herd in Delta county, one in Chippewa, of the upper peninsula. Eaton county leads with seven 400 pound herds, Ingham has six, Jackson five; Ionia, St. Clair, Washtenaw, Genesee, Kalamazoo, Livingston have three each.

When Repair Parts Are Needed, the Telephone Will Bring Them Quickly

During busy times on the farm, the sudden breaking down of machinery, with the resultant loss of valuable hours, may prove a serious handicap to the farmers. But with a telephone, new parts and supplies can be ordered from the nearest dealer and received within a short time, enabling work to continue with minimum delay. On such occasions, the telephone may save enough to pay for itself many times over. In any emergency, the telephone is PRICELESS PROTECTION, enabling you to summon aid immediately, day or night.

CLASSIFIED ADS. Poultry: AMERICAN CHICKS WITH THEIR profit record, offer bigger profits to you. Choice of White Leghorns, Barred or White Rocks, E. I. Reds, All Heavy breeds and A. A. Leghorns blood tested. Heavy chicks now for early broilers. 15 day liveability guarantee. Get FREE Catalog today. Write American Chick Farm, Box 25, Zeeland, Michigan. (12-10-121-59b) EVERY LAKEVIEW CHICK FROM blood-tested vigorous non-inbred stock, Michigan Accredited. White Leghorns, Barred and White Rocks, R. I. Reds, White Wyandottes. Write for catalog and extremely reasonable prices. Lakeview Poultry Farm, Box 36, Holland, Michigan. (12-24-12-26b) BABY CHICKS SIBED BY PEDIGREE males, records to 336 eggs. Low prices. Quick shipment. Guaranteed to outlay other chicks or part of your money refunded. Big type White Leghorns that lay big white eggs. Hatching eggs, 1 week old pullets. Shipped C. O. D. on approval. Write for FREE CATALOG and SPECIAL PRICE BULLETIN. Geo. B. Ferris, 927 Union, Grand Rapids, Michigan. (1-14-31-60b) FOR SALE OR TRADE SEVEN ROOM HOUSE and half-acre electric, heat, water, central Michigan, by married man, 23 children. Long experience. Good milkers. Have been doing farm work. George Galvin, 221 West St. Joseph St., Lansing, Mich. (1-14) WANTED—TO RENT FULLY EQUIPPED farm on shares by man with family. Two men to work. Jesse Mills, Lambertville, Mich. Postoffice delivery. (1-14) FOR SALE—MISCELLANEOUS MEN'S FIFTEEN INCH HIGH TOP lace sock rubbers, light, new, perfect, \$2.98 post paid. All sizes. Davis Shoes, Lansing, Michigan. (1-14-29p) KILL RATS QUICKLY AND SAFELY Quik-Kill, a new rat poison, guaranteed. Death-dealing extract from an oriental bulb fatal to rats in few hours but harmless to animals and fowls. Bread, meat scraps mixed with Quik-Kill Rat Killer eagerly eaten by rats which die away from house or buildings, leaving no odor. Quik-Kill stops rat and mice losses. We offer \$2 package for \$1 and five cents postage. Follow simple directions. Guarantee all rats dead or your money back. Send no money. Just your name and address to R. C. Turner, President, 1112 Exchange Bldg., 1207 Grand Avenue, Kansas City, Mo. (1-14-110a) MUST SELL—MAHOQANY VOLLMER player piano with rolls and bench for balance due on contract of \$43.00. Story brand rug, 23' x 24', guaranteed, in best condition for balance due on contract of \$75.00, complete with rolls and bench. Free delivery anywhere in Michigan. Call 9438 Grand Rapids, collect, or write CHAFFEE BROS. FURNITURE CO., 106 Division Avenue, Grand Rapids, Michigan. (1-14-21-62b) WANTED—FARM WORK DAIRY or general farm, by man 32. Experienced help. Steady and reliable. Good worker. Has family. Needs tenement house. Howard Hazellon, 1337 Emanson Street, Lansing, Mich. (1-14) WANTED—WORK ON DAIRY OR general farm, central Michigan, by married man, 28, 2 children. Long experience. Good milkers. Have been doing farm work. George Galvin, 221 West St. Joseph St., Lansing, Mich. (1-14) WANTED—WORK ON FARM BY year or month, farm on shares preferred. Write John Hirth, Durand, R. 1, Michigan. (1-14-11)

Live Stock Men!

Buy your feeders . . . Finance your purchases . . . Sell them finished . . . Co-operatively all the way . . . It Pays! You can send your stock to Detroit or East Buffalo yards and sell it direct to the packers through the Michigan Live Stock Exchange, which is as near to you as your nearest shipping ass'n or member who is affiliated with us. Get the FULL RETURNS from your stock. Some 30,000 farm, belonging to 150 Michigan shipping ass'ns, have at Buffalo and Detroit their own sales offices, top notch salesmen, and handle a large volume of stock on both markets. Ask about our purchasing service on feeder cattle, calves, lambs from range or markets. Ask about our credit corporation and 6% Government money. Returns to patrons guaranteed by \$50,000 bond meeting U. S. Government requirements MICHIGAN LIVE STOCK EXCH. PRODUCERS CO-OP ASS'N Detroit East Buffalo, N. Y.

If You Are Not Worth Anything

It's not so risky to drive a car or truck without adequate public liability and property damage insurance. But, if you have any property or income or are likely to have any property or income, you run great financial risk in driving without insurance. An accident and a suit may ruin you. You may be garbled at every turn for years to satisfy a judgment. Some 500,000 drivers are involved in auto accidents, large and small, annually. Many result in large damages being awarded one party. The other party has to pay. WHY carry such great risk yourself when the State Farm Mutual Automobile Insurance Company will provide adequate public liability and property damage insurance at low semi-annual rates? Will defend your interests in court and elsewhere in case of an auto accident involving your car? Will provide you fire, theft and collision insurance to protect your own investment, also at low semi-annual rates? We have more than 500,000 policyholders and 7,000 agents in 30 states in this national Legal Reserve Company. STATE FARM MUTUAL AUTO INSURANCE CO. Bloomington, Ill. MICHIGAN STATE FARM BUREAU, State Agent—Lansing

When Repair Parts Are Needed, the Telephone Will Bring Them Quickly

During busy times on the farm, the sudden breaking down of machinery, with the resultant loss of valuable hours, may prove a serious handicap to the farmers. But with a telephone, new parts and supplies can be ordered from the nearest dealer and received within a short time, enabling work to continue with minimum delay. On such occasions, the telephone may save enough to pay for itself many times over. In any emergency, the telephone is PRICELESS PROTECTION, enabling you to summon aid immediately, day or night.





Holstein Advanced Registry Testing Was Established 47 Years Ago

Advanced Registry was set up in 1885 by the Holstein-Friesian Ass'n of America to enable Holstein breeders to prove the production of their cows.

is called "A". If after 45 days from calving a cow is milked only three times a day, her record is labeled "B"—if only milked twice a day, "C".

Since that time over 30,000 cows have been tested in the Yearly Division, with an average of about 16,750 pounds milk, 570 pounds fat, 3.4 per cent test.

All records are supervised within Michigan by the Dairy Department of the State College. National supervision is by the Superintendent of Advanced Registry, located at Madison, Wis., H. W. Norton, Jr., a former Michigan man.

The difference between the Yearly and the Ten Months' Division is that, besides the length of the record, in the "Ten Months" the cow must qualify by producing a calf born within fourteen months of previous freshening.

There was a total of 214 Michigan cows reported out by Supt. Norton during 1932. Of these, 54 were tested in Ten Months "A", 38 in Ten Months "B", none in "C".

Michigan Honor Holsteins Advanced Registry

The Holstein-Friesian Association of America reports for 1932, the following Michigan Holstein cows that produced Fifty Percent, or more, ABOVE entrance requirements to Advanced Registry.

Table with columns: TEN-MONTHS' DIVISION, MILKINGS DAILY, and YEARLY DIVISION, MILKINGS DAILY. Rows show various cow names and their production statistics.

TEN-MONTHS DIVISION - CLASS LEADERS

TO QUALIFY HERE THE COW MUST GIVE BIRTH WITHIN 14 MONTHS OF PREVIOUS FRESHENING TO A CALF, WHICH WAS CARRIED FULL GESTATION PERIOD.

Table listing Classifications A and B with columns for Name and Number of Cow, Age, Milk, Fat, and Owner. Includes names like Rose Burke Colantha and Marquette Prison.

YEARLY DIVISION - CLASS LEADERS

Table listing Classification A with columns for Name and Number of Cow, Age, Milk, Fat, and Owner. Includes names like Charlevoix Ormsby and Wayne County School.

HONOR FOLKS

- List of names and addresses of individuals honored by the registry, including Detroit Creamery Co., Michigan Reformatory, and others.

Rush For Movies

So great is the demand for official American Farm Bureau Motion Pictures for 1933, that Farm Bureau members and leaders who contemplate using the newer films as late as early in April, are urged to get their orders in now.

Just Ready for Service

Only ready for service. Six nearest dams average 1,132 butter. Own dam 966 butter at 4 yrs. Fine Individual, \$150.00. Biytheifield Farms, Belmont Mich.

FOR SALE!

Registered Holstein Bulls. Herd Federal Accredited. Abortion tested and officially classified. D. H. I. Association and Holstein Herd Improvement Registry's National Dairy Honor Roll yearly since 1926.

The farmer would feel a great deal happier if a bumper crop didn't bump him harder than anything else.

The national corn-husking contests are sponsored by the American Association of Middle-Western Farm Newspapers.

Under 5,000 lbs. Milk Per Yr. Cow Can't Pay

East Lansing—It is plain that many Michigan cows which make less than 5,000 lbs. of milk during 1933 will be unprofitable, said A. C. Baltzer, State College Dairy Extension man, recently.

said. Many low producing cows are being kept. Suppose, said Mr. Baltzer, we figure half a year's feed-cost at the lowest rate for such a cow, or \$26. In order to get back the \$26 the cow would have to produce 18 lbs. of milk per day or 3,250 lbs. This milk, with 4% test selling at about 80¢ per cwt, would return the feed cost, \$26.50 (26 x .80 = \$20.80 + \$5.70 = \$26.50).

BEAT IT?

Over 400 lbs. of Fat per cow averaged in Herd Test for last three years in succession. Championships won by ARBU BRED HOLSTEINS at Michigan State Fair in 1932.

BUY FROM 408 lb. HERD!

Our herd average for D. H. I. work for a herd of 43 cows was 408 lbs. fat and 12,927 lbs. milk. 23 of this herd were 2 year olds and but 9 over 5 years.

HOLSTEINS DUROCS SHROPS

A Premier Herd of Each. Now offering grandsons of America's champion butter cow—Daisy Aaggie Ormsby III, out of good record dams at very low figures.



MICHIGAN STATE HERDS ARE MAINTAINED TO

- 1. Supply Milk to State Institutions. 2. Supply Breeding Stock to Holstein Breeders.

When in need of bulls from thousand pound sires and outstanding dams, write to the BUREAU OF ANIMAL INDUSTRY

E. G. Amos, Director Lansing Michigan

CAN YOU AFFORD

To Lose 20 Cents on Every Dollar's Worth of Home-Grown Feed? An unbalanced ration doesn't produce efficiently, since it wastes about 20% of the food value, and therefore increases the cost of milk per hundred pounds.



If you have good alfalfa hay try one of these rations. No. 1: 500 lbs. oats, barley, wheat or corn at your value. No. 2: 800 lbs. oats, barley, wheat or corn at your value.

What Do You Want?

In Purebred Holsteins? It is our business to help you! Write to Michigan Holstein-Friesian Ass'n, P. O. Box 1018, E. Lansing, Mich.

amounts in order to make the largest possible net profit on each cow, according to testing ass'n records for November 1932.

A bushel of wheat weighing 60 pounds, can be made into 42 pounds of flour, 9 pounds of bran and 9 pounds of shorts.

Honor Holsteins

Table titled 'MICHIGAN DAIRY HERD IMPROVEMENT ASS'NS' listing Holstein herds for the D. H. I. A. year ending June 30, 1932, with columns for Rank in State, Name-Address, No. Cows, Milk, and Fat.

Michigan Leads In Herd Improvement Registry

Of the 37 herds reported below, 31 have been enrolled in the national herd test, the Herd Improvement Registry, since its beginning in 1928. Two herds have been in for two years. Continuous testing of this nature is in line with one of the primary objects of the test, to eliminate from the herd the poor producers.

General supervision rests with the Superintendent of Advanced Registry of the Holstein-Friesian Association of America, H. W. Norton, Jr., of Madison, Wis. Records are published in an annual volume called the "Red Book".

HONOR HOLSTEINS HERD IMPROVEMENT REGISTRY

Table listing Michigan herds that have completed records in Volume 4 of the Red Book of the Holstein-Friesian Ass'n of America, with columns for Name, No. Cows, Av. Lbs. Milk, Fat, and Av. Lbs. Milk.

Use less of home grains with clover hay and still less with timothy. Feed 1 lb. of grain to 3 to 4 lbs. of milk. See your Farm Bureau dealer for Milk Maker or Hy-Pro.

SAM THOMPSON TALKS ON PRIVATE AND CO-OP PLANS Best Will Survive and Co-Ops Have Been Gaining Steadily

Nashville, Tenn.—Today, farm products are handled through two systems of marketing in the United States—the so-called old-line, or private-profit system and the co-operative system," said Sam Thompson of the Federal Farm Board before the Tennessee Farm Bureau here, Jan. 13.

"The fundamental objective of the two systems are entirely different. The objective of the old-line operator is to make as much as he can for himself. The objective of the co-operative is to return as much as it can to producer members. Old-line operators buy as cheaply as they can and still



SAM H. THOMPSON

keep on getting the producers' business and sell at the highest possible price and still keep in the market.

"The co-operative, owned by farmers, tries to make maximum net returns, not for itself, but for its producer members. The co-operative aims to return to the primary producer a fair share of the money paid by the consumer, eliminating unnecessary marketing costs that result in lower prices to the farmer or higher prices to the consumer—the producer's customer.

"Both systems—the old-line and the co-operative—are used in the United States in the marketing of billions of dollars worth of farm products each year.

Source of Opposition

"Opposition to the co-operative marketing movement and the work of the Federal Government in aiding farmers in the development of their own centralized selling plan is not coming from the general or consuming public. It is coming from men who think co-operative marketing is against their own selfish interests.

"Within the last year or two a great deal has been said about government in business. 'Get the Government Out of Business' is a slogan that has been widely circulated. Get the government out of whose business? Certainly not the farmer's business. The activities of the Farm Board and the co-operatives have been directed at the opposite goal. The objective has been not to put the government in the farmer's business but to help put the farmer in business for himself so that he may handle his own affairs more effectively and more profitably.

"Not all of the commission merchants and others handling farm products through private agencies are opposed to the co-operative marketing movement, and I do not want to leave the impression that I do not recognize that there are many good persons engaged in the commission business. I think that men engaged in the old-line system of marketing should be shown consideration. Some of them are unnecessarily alarmed over the rapid development of co-operative marketing during the last few years.

"The merits of both marketing systems are being put to a severe test—the best one will win. In general farmers are well pleased with the showing their own co-operatives are making in this intensive competition between the old-line and the co-operative marketing systems. Producers are continuing to turn over to co-operatives an increasing volume of their products each year.

Old-Line Men May Help

"Some men who were formerly employed with old-line concerns are already happily fitting themselves into co-operative organizations. Progress brings about these changes naturally. There are many of us here old enough to remember when the shoe cobbler and the blacksmith closed the doors of their shops and went to work in factories. Many men who once worked in livery stables that were forced to close their doors are now working in garages. Progress demands that we accept these changes and adapt ourselves to them.

"There are men operating as speculators in the old-line system who are naturally against the co-operative movement. Most of the opposition to the co-operatives and the Farm Board's assistance has come from the market centers, where men have made big fortunes handling and speculating in farm products. It is natural for them to fight anything that is against their personal interests."

Wonder if the man who used to think a \$2 bill was unlucky feels the same way about it now?

State Institution Holstein Purebreds in Every County

Herds on Institution Farms
Source of Breeding Stock

By E. G. AMOS,

Director, Bureau of Animal Industry

The Michigan State Herds of Holstein cows are maintained at the various state institutions, 1st to furnish milk to the inmates and patients of these institutions; 2nd to furnish labor to these inmates and patients so that they can be of some help in their own support. The manure and fertilizer derived from this source is valuable in maintaining the farms in connection with the institutions which in turn give labor to another large group of inmates and patients.

There is one other outstanding benefit derived from these herds and that is the distribution of outstanding breeding stock to farmers and breeders throughout the state, who are interested in Holsteins. Practically every county has one or more institution-raised bulls within its borders. Their offspring have carried on until nearly every Holstein pedigree of animals born within the state have the name of Pontiac, Traverse, or New-

berry somewhere in its immediate background.

Only outstanding bulls are saved and offered for sale, and these at farm prices, or cost of raising to age when it is deemed safe to sell.

The State Herds are all accredited as being free from tuberculosis, and several of them as being free of Bang's abortion. Others are eligible for this accreditation but have not applied. All herds, except three, are free from this disease as evidenced by the blood test. These blood tests are made regularly in all state herds and it is believed that this is the only way known at the present time to rid a herd of infectious abortion.

In the matter of breeding these herds present an excellent opportunity to the student to study lines of breeding and build on the results of these studies. Pontiac and Traverse have been breeding pure bred Holsteins since about 1885, and a great many high producing cows have been developed at these institutions, and at other institutions as well.

Traverse Colantha Walker, Newberry Canary Girl, Newberry Canary DeKol, Pontiac Barine, Pontiac Barine Vera, Reformatory Century Aggie, Re-

formatory Century Pontiac, Traverse Echo Lillie, Traverse Inka Johanna are a few outstanding record holding cows that have been bred by Michigan State institutions, and others are rapidly taking their place.

The show ring winnings of these herds have been very pleasing and quite remarkable when their limited chances are taken into consideration, as they are shown only at the Detroit State Fair where they meet fast company. In 1932 they won nine first places and two Junior Champions. The coveted Get-of-Sire Class was won for the third time in succession by the get of Marathon Bess Burke 32nd. These winners were selected from only four herds out of the sixteen. Farmers and breeders of Holsteins are always welcome to visit these herds. They belong to the State.

Retrenchment Now Is Farmers' Main Defense

Washington—Drastic retrenchment all along the line, in family living as well as in the farm business, is the farmer's main defense now, according to a year-end symposium of the agricultural situation all over the country, by the Bureau of Agricultural Economics, U. S. Department of Agriculture.

"Reports from every section," says

the bureau, "detail the live-at-home programs, the economies, the trend back toward a subsistence type of farming." "And yet," comments the bureau, "from all quarters is confirmed the story of the migration from town back to the land, and agriculture once more demonstrates its capacity as an economic shock-absorber in time of trouble."

Low prices of farm products and the disparity between these low prices and the prices of goods and services

Farmers' Buying Guide

Monuments—BEAUTIFULLY DESIGNED monuments of the most beautiful granite and marble. Call or write. We employ no salesmen. You save the difference. Largest monument works in Western Michigan. SIMPSON GRANITE WORKS, 1328 W. Leonard, Grand Rapids.



Silver King Coal is big, blocky, clean burning. Ask your coal dealer for a trial ton. Republic Fuel Company BAY CITY and LANSING Offices

which farmers must buy, are given as primary causes of farmers' difficulties. "Universally," says the bureau, "the cry goes up that debts and taxes represent an intolerable load upon the farm business, at present price levels."

"I'll bet you were mad when you caught that skunk."
"You bet; I was highly incensed."

1,000 Men Forty Years Old



EMBLEM OF PROTECTION

They are somewhere near the half-way point in bringing up their families and maybe more than that in paying for their homes.

What each man longs for is financial security for himself and especially for his family.

He assures it simply by purchasing a sufficient amount of life insurance to cover his needs. The amount may not be large, but immediately it is issued, his estate is assured that amount. Paying for it each year, a little at a time, a man saves money, builds up a financial reserve fund, protects his family and property, and builds a fund for his old age.

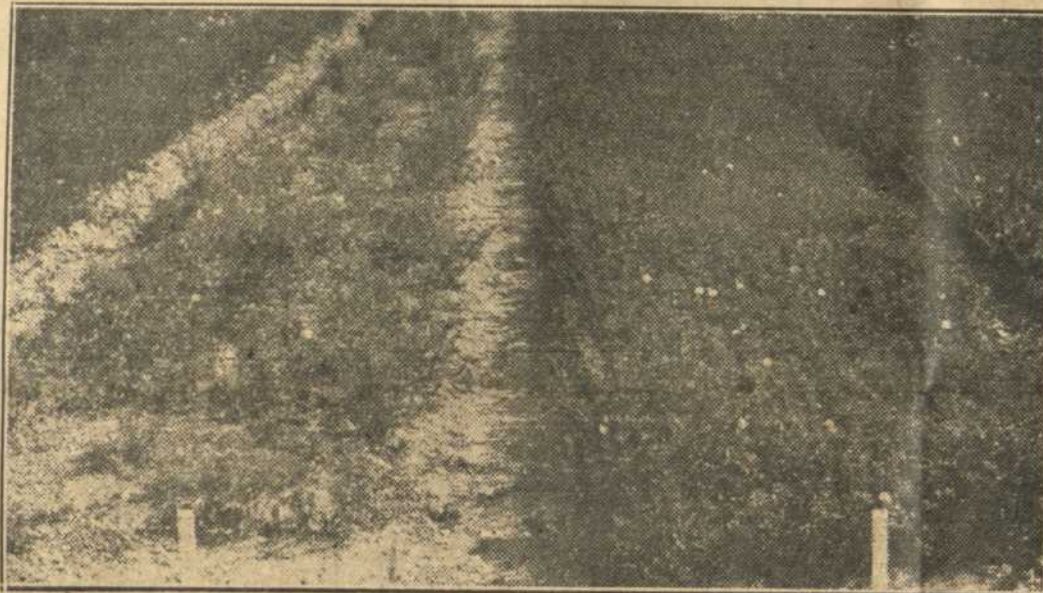
State Farm Life Insurance policy plans are especially adapted to farmers' needs. You should know what we offer before you take a policy anywhere. We are glad to explain, and without obligation. Ask about our "Paymaster Policy"—a special policy for these times.

Of the 1,000 Men Above at 40 Mortality Tables Say 10 Will Die Within the Year.

STATE FARM LIFE INSURANCE COMPANY
Bloomington, Ill.
MICHIGAN STATE FARM BUREAU, State Agent, Lansing

Experience is a Costly Teacher

- q It's expensive when a farmer sees a promising stand of alfalfa or clover winter-killed,—or ruined by disease in summer.
- q He loses his crop, his seed, labor and land investment and is set back a year's time in his operations. The failure is a mystery.
- q Why such losses? Because alfalfa and clover seeds from south-

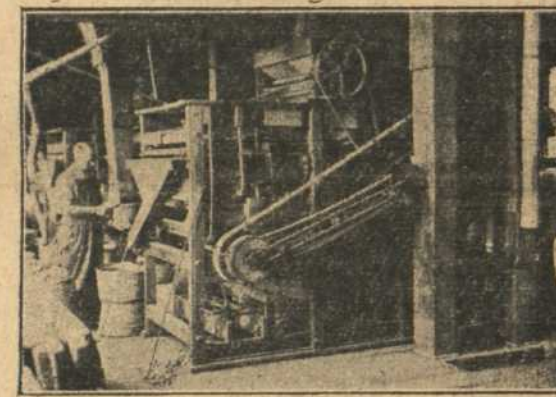


LEFT: Alfalfa not adapted to Michigan. Winter-killed.
RIGHT: Alfalfa from Michigan Seed. (State College Photo)

ern States or South America LOOK like Michigan seeds, but our winters and diseases kill them. Make SURE your seed is good.

q Farm Bureau GUARANTEES northern grown, winter hardy alfalfa and clover seeds; they are genuine, heavy yielding varieties,—free from weeds and crop mixtures. Their purity, quality and germination are top notch.

q Michigan's co-op ass'ns have booked hundreds of thousands of pounds of Farm Bureau's dependable alfalfa and clover seeds for 1933. They produce the best stands and the high yields.



Farm Bureau Seed Cleaning Mills Assure Super-Fine Quality

FARM BUREAU BRAND SEEDS

Are delivered to you in sealed, trade-marked, Farm Bureau Brand bushel and half-bushel sacks, direct from our warehouse to you.

FARM BUREAU SEED GUARANTEE

Farm Bureau Services, Inc., of Lansing, Michigan, guarantees the vitality, description, origin and purity of its Farm Bureau Brands of Seeds to be as represented on the price card and analysis tag to the full amount of the purchase price if received by the customer in our original, sealed and branded bags.

EGGS and MERMASH Are a Good Paying Deal Today

Egg prices not so strong as they were, but Mermash 16%, the best egg producing mash of all, was never cheaper. There is nothing to indicate that Mermash will increase in price.

Low priced Mermash produces more and better eggs and keeps the flock healthy because Mermash supplies from sea products an iodine ration that hens need. In Michigan and the lake States home grown grain and animal products are lacking in iodine, an essential element for health and production. Hens respond to Mermash with greater production.



FARM BUREAU OYSTER SHELL

Farm Bureau Brand Oyster Shell is first quality, free from foreign matter, and no fine stuff to waste. You'll like the price too.

ABOUT COD LIVER OIL

Mermash and other Farm Bureau mashes are also made WITH cod liver oil. Cod liver oil is best source of Vitamin D, the sunshine vitamin, in winter and spring months. Our feeds WITH cod liver oil boost egg laying; baby chicks need cod liver oil these months.

SOFT SHELLED EGGS?

Cod liver oil in the ration assists hens to assimilate lime and other minerals in feed. Usually ends soft shell trouble.

Let's Save on Oil!

Farm Bureau 100% paraffin base, dewaxed motor oils share first place with very best and cost much less.



Low Priced in qts. or 5 Gal. Cans or in Drums at your Farm Bureau Dealer

WHY THEY COST LESS

Farm Bureau oils and their 30 to 35c per qt. brothers, owned by the great oil firms, come from the same fields. Farm Bureau oils cost you less because Michigan, Ohio and Indiana Farm Bureaus own a co-operative blending and distributing plant.

MIOCO

100% Paraffin Base, Mid-continent Oil



BUREAU PENN

100% Paraffin Base, Pennsylvania Crude

Ask For FARM BUREAU Coal Salt Oyster Shell

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.

Ask For FARM BUREAU Fence Lime Greases