



**MICHIGAN FARM NEWS**

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**E. E. UNGREN** Editor and Business Manager

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**Coming Events Cast Their Shadows Before**

The first court action against the State Board of Tax Administration for an interpretation of certain phases of the sales tax has gone against the Board.

Judge Guy A. Miller of the Wayne circuit court on April 11 declared imperoperative the sales tax regulations on wholesale and inter-state commerce transactions in factory supplies and machinery, involving \$2,000,000 in annual sales tax collections.

The point of special interest to farmers is that the Judge's decision said that two resolutions adopted by the Legislature, and ignored by the sales tax board, should receive consideration by the courts in interpreting the law.

The Legislature's resolutions declared "it not to be the intent of the Legislature" to collect sales tax on personal property bought by manufacturers or farmers for producing personal property to be sold eventually at retail. For farmers that means seeds, feeds, fertilizers, packages, binder twine, sprays, etc.

Judge Miller said in his opinion:

It is regrettable that the Act is not so clear as the resolution; nevertheless, the latter should receive respectful consideration by the courts.

"If that resolution is used as a guide, the meaning of the legislation becomes simple and the ambiguity disappears which has caused the respondents themselves (sales tax board) to adopt a series of inconsistent resolutions and to promulgate a mass of regulations whose contradictions and absurdities might be held up to ridicule if it would serve any good purpose to do so, and the operation of the law will not be accompanied by any unfair burdens and the funny results shown by the testimony to be necessary incidents to the respondent's contentions."

This is the first test case following establishment before the Supreme court recently of the right of the public to seek court interpretation of disputed sales tax rulings. Up to that Supreme court ruling there was no appeal beyond the State Board of Tax Administration.

Undoubtedly Judge Miller's decision will be appealed to the Supreme court by the sales tax board. If the decision is upheld, it is our opinion that it will not be long until the Michigan State Farm Bureau's fight since July, 1933, for exemption of seeds, feeds, fertilizers and other farm supplies for production purposes will be won. The sales tax board will grant the exemption, in accordance with the resolutions of the Legislature, or it will be brought about by other court decisions.

**There's Danger in This Detroit Proposal**

Farmers will quickly distinguish the chief differences between the local government amendment offered to the Legislature by the Grange, Farm Bureau and Detroit Citizens League, and the one now being sponsored by the Detroit Citizens League alone as a proposed amendment to the Constitution, to be voted upon in November, 1934.

Our joint amendment did not touch the boards of supervisors. The Detroit League would open the way to abolish this channel through which farmer voice is maintained in county affairs. In Wayne County the board of supervisors is a useless figurehead of some hundred odd members. But that isn't so in 82 other counties.

Our amendment vested in the Legislature the sole right to initiate local government changes, thus using rural votes in that body to protect minority groups of farmers, even in Wayne county. The Detroit Citizens League proposal opens the way for city majorities to initiate and put over county government changes that may wholly ignore rural wishes.

Our amendment would have closed forever the door for changing township government until the people of the townships themselves desire a change; their leaves the township open to constant attack.

Instead of a fair amendment we are confronted with one that would drive rural supervisors out of the court houses. It is to be regretted that this situation arises because a few badly advised rural legislators failed to follow the guidance of such men as Vernon J. Brown of Ingham, Carl F. Delano of Kalamazoo, Chester P. Emunson of Manistee, Edward F. Fisher of rural Wayne, William B. Hackett of Saginaw, Paul A. Hupert of Macomb, Harvey H. Jarvis of Berrien, Phillip C. Pack of Washtenaw, Tracy W. Southworth of Monroe, M. Clyde Stout of Ionia, T. T. Thatcher of Muskegon, William A. Ward of Grand Traverse, George C. Watson of St. Clair and Speaker Martin R. Bradley, all of whom voted for the farmers' measure.

Our task is to defeat the Detroit plan of county home rule.

**Three May Days That Mean More Than Trips and Movies**

**Some Thought on Child Health, Mother's Day and Decoration Day**

By MRS. EDITH M. WAGAR

The month of May brings not only May flowers and a glimpse of new life everywhere. It also brings Child Health Day and Mother's Day and Decoration Day.

The country has done much for the protection of its children in the past few years. We sometimes wonder why. Have parents shifted the responsibility of child protection to the public?

When our grandparents' babies became sick, if their home remedies did not take effect, they died. They mourned their loss just as we mourn today. In these days we take precautions before the sickness comes if possible. By action of the public, we immunize; we inoculate; we segregate and quarantine; we teach health just as we do arithmetic; we preach health as we do religion; we practice health as we do business methods.

We still have lots of unnecessary sickness—individuals ignore precautions and training and good judgment. More and more we are giving added thought to the rights of the child while he is immature and helpless and under the care and dictation of others in order that he may have the right kind of a start for a full span of life, unhampered by afflictions and handicaps.

What does Mother's day mean to us? Custom has established the setting apart of this one day of the year to pay homage to motherhood.

Poets have sung the praises of motherhood for centuries, depicting the finest of sentiment, the endless love, the sacrifice, the courage and the everlasting endurance. Artists have portrayed the maternal spirit on canvases that stir the hearts of all as no other subject can.

And when we look back in the history of the world we can trace the heart and the mind of great mothers down through the pages—not only were our mothers the influencing power that made us what we are, but the mothers before them have made the world what it is today.

We point with pride to the pioneer mother of this country of ours. Many states have erected monuments dedicated to her memory. Those monuments all depict courage, hope, loyalty and religion. She sacrificed, she planned, she labored, she prayed that we might enjoy the fruits of a free nation and advantages that come with it. We owe more to the pioneer mother than many of us realize and it is but fitting that we devote one day a year to her memory, not only in remembrance but by paying tribute to the mothers of today.

And what of the mothers of tomorrow! Will there be monuments erected for cigarette smoking, bear garden and bridge mothers?

There are serious problems that confront every woman of today—her influence is sorely needed just now in bringing about security for the American home, a universal peace among nations, temperance in many things, cultural advantages for all and an international good will.

And for Decoration Day, let us remember those who offered their lives that we might live and enjoy the abundance that a nation such as ours can give to its people. We can pause in these busy lives of ours and pay honor to our dead, not by ball games and motion pictures and auto trips, but by thoughtful care given to their last resting place.

**Ford to Help Farmers Manufacture Soybean**

Dearborn.—Henry Ford is planning to demonstrate at the Chicago World's Fair this summer by use of a soybean patch, an average farm barn and machinery, how any farmer may begin on a scale within his means, the partial industrialization of his farm and the manufacture of products directly for industrial markets.

"The processing plant will be of the simplest sort," Mr. Ford explained. "Many farmers could build one like it out of odds and ends. It will be steam operated and have a capacity of one-third of a ton of soybeans every eight hours. One man could run it."

"We've discovered nothing about soybeans that hasn't been known but we've learned how to get a complete extraction of soybean oil. Old methods of working the beans, in use for centuries, depend solely on pressing and leave about a third of the oil in the mash. Our method, which is distillation, effects a one hundred per cent extraction. The process is continuous too.

"Soybean oil has a greater variety of industrial uses than any vegetable oil except linseed oil. The oil-free residue is an excellent food for man. It is 50% protein and 85% digestible. The farmer may feed it to his livestock with fine results. Or he may put it into another simple machine and from it manufacture plastics, an industry that is just getting underway. The machine will be demonstrated at the Fair. Anyone may

**EVER BEEN HURT**

Yes, or No, you'll appreciate our low cost, sound, accident insurance. Provides for medical care and monthly income. Ask any State Farm Mutual agent.

**STATE FARM LIFE CO.**  
Mich. Farm Bureau, St. Agt.

**A HELPER THAT "EARNS ITS KEEP"**

Among farm telephone subscribers are many who have experienced fire, sudden sickness, accidents and other emergencies, and who know that the quickest way to summon aid is by telephone. Just one such call, in an emergency, may be worth the cost of the service for a lifetime.

Besides being a protection, telephone service helps save time and driving expense . . . enables one to obtain highest prices for stock and produce by calling various dealers before selling . . . helps one keep in touch easily with neighbors, and with friends and relatives who live at a distance.

A farm telephone is a helper that "pays its way" many times over.

**MICHIGAN BELL TELEPHONE CO.**

**Co-ops Lead All Firms On the Buffalo Market**

East Buffalo, N. Y.—The week ending April 14 the Producers Co-operative Commission association sold 50.3% of the Buffalo yard's receipts, the Producers largest percentage for any week in its existence. A load of choice Herefords, weighing 1,280, and fed by Otto Wegner of Riga, Mich., was sold by the Producers to Swift & Co. for 7½c. The following week the Producers sold a load of heavy, 1,400 lb., thick-fat Herefords at 7.65 per

**Blindness Income**  
\$4 to \$7 buys our contract to pay \$5 per month income for life in case of blindness. We will contract up to \$100 monthly income. Ask any State Farm Mutual agent.

**STATE FARM LIFE**  
Mich. Farm Bureau, St. Agt.

**Classified Ads**

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.

**BABY CHICKS**  
HEASLEY ELECTRICALLY HATCHED Chicks. Original Dr. Heasley Strain Leghorns mated to males from official Contest Hens with records from 200 to over 300. Write us. Chicks \$c.—7½c by the thousand. Heasley's Hatchery, Dorr, Mich. (3-3-31-37b)

**LIVE STOCK**  
REGISTERED HEREFORD BULLS, "Repeater", "Woodford", and "Panama" blood lines. Prices \$35 to \$75. Good selection. A. M. Todd Company, Manistee, Michigan (14 miles northwest from Kalamazoo) World's largest meat farm. (1-6-31-29b)

REGISTERED GUERNSEY COWS and Heifers, F. B. accredited and blood tested. Forty to select from. Clark & Nantz, Eau Claire, Mich. (4-7-31-p)

**FILM DEVELOPING**  
ROLLS DEVELOPED, 8 PRINTS, OIL painted enlargement 35c. Prompt service. Work guaranteed. Janesville Film Service, C42, Janesville, Wis. (4-6-21-p)

**BEEKEEPER'S SUPPLIES**  
BEE HIVES, SECTIONS, COMB FOUND, dummies, etc. Quits for beginners. Send for catalog. Betty baskets. Send for prices. M. H. Hunt & Son, 511 North Cedar Street, Lansing, Mich. (5-5-21-23b)

**CLAIMS SERVICE**  
FARMERS CLAIM SERVICE. LET us present your claim for stock killed or injured on railroads or highways; for damages resulting from fires set by locomotives. We advise and do collection service on claims arising from power telephone or pipeline crossing your property. If gravel operations or damming a stream may affect your property, write us. We collect loss, damage and over-charge claims on freight or express. Nominal charges for the collection. Our service available to all farmers and co-operative assns. We conducted this work for many years for the Michigan State Farm Bureau. Write A. P. MILLS MICHIGAN LIVE STOCK EXCHANGE Transportation Dept., 6750 Dix Avenue, Stockyards, DETROIT. (3-5-11-195b)

**FOR SALE—MISCELLANEOUS**  
MICHIGAN SEPTIC TANK SIPHON and bell as recommended by State College Agr'l Engineering dept. Build your own septic tank and sewage system. Install when tank is built. Installation and operation simple. Discharges automatically. Have been sold 18 years. All in daily use and giving satisfaction. Instructions with each siphon. \$7.00 delivered. Farm Bureau Supply Store, 728 E. Shiawassee St., Lansing. (3-4-11-60b)

**WANTED—MISCELLANEOUS**  
UP TO \$20 PAID FOR INDIAN HEAD cents; half cents \$125; large copper cents \$500, etc. Send dime for list. Romano-cashop, D. Springfield, Mass. (5-5-24p)

manufacture the equipment to be shown.

**A Paper Nail**  
A paper nail has been invented. Industry has long desired a nail that is a non-conductor of electricity. That, of course, eliminates metallic nails. And glass nails would be brittle.

**A Quarter Century of PROGRESS!**  
Is recorded by Michigan's largest Farm Mutual Fire Insurance Company. For twenty-five years, through good times and hard times this company has been insuring farmers in Michigan. Today, payments of its losses are guaranteed by its assets and resources—of nearly ONE QUARTER MILLION DOLLARS. Its policy has no technical loopholes to avoid liability, consistent with safe underwriting. Its blanket policy on personal property often gives as much protection as double the amount in a classified policy. Careful underwriting and a thorough system of inspection is maintained, eliminating overinsurance, fire hazards and undesirable risks.

Send for literature and financial statement.

**W. V. BURRAS, Pres.**  
**H. K. FISK, Sec'y**  
702 Church St.,  
LANSING, MICH.

**State Mutual Rodded Fire Insurance Co. of Mich.**  
HOME OFFICE—LANSING, MICH.

**NOT A POISON**

**K-R-O**  
KILLS RATS—ONLY  
K-R-O (powder form) 75¢  
READY MIXED (no salt to buy) \$1.00  
All drugists,  
K-R-O Co., Spring  
field, Ohio.

RESULTS GUARANTEED

After long experiment a paper nail has been developed that by means of hydraulic pressure can be made so tough and resistant that it can be driven into a hardwood plank without bending.

A revival of interest in raspberry growing has been reported in many sections of New York state.

**Farm Bureau Garden Seeds**

**Best Varieties for Michigan**

- Reliable
- Vigorous
- Productive
- Priced Low

**BUY AT THESE FARM BUREAU STORES**

Lapeer Pinconning  
Hart Imlay City  
Bay City  
Main and Henry Sts.  
Saginaw  
220 Bristol Street  
Lansing  
728 E. Shiawassee St.

**The 1934 way**

**The 1900 way**

**ICED BARRELS**

**IN 1900** a common way of packing poultry for shipment was to "ice it" in barrels.

The refrigerator cars used by Swift & Company today are as superior to the old "iced barrels" of the past as a late model automobile is to the ox-cart of pioneer days.

Each car is a gigantic icebox on wheels. In it are compartments big enough to hold about 6,000 pounds of ice and salt. These hold the car's contents under the same temperature during an entire trip.

Gustavus F. Swift, founder of Swift & Company, was one of the first to vision the need for such cars in transporting meats. More than 7,000 of them are now used by Swift & Company for poultry, dairy products and meats.

All space in a car is utilized by placing boxed meat, dairy and poultry products beneath the suspended meats. The same salesmen sell all of them to retailers in some 35,000 consuming centers. Instead of a dozen trucks being used to deliver a dozen different products, the same truck delivers all of them to the same store.

Refrigerator cars, as Swift & Company uses them, have not only established vastly wider markets, but have reduced distribution costs.

**Swift & Company**

For years Swift & Company's profits from all sources have been only a fraction of a cent per pound

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



## FARMERS SHOULD DEMAND \$2 FOR \$1 PUT IN FERTILIZER

Proper Analysis Will Return More Than That, John Sims Says

By JOHN W. SIMS

"I don't know whether I can afford to buy fertilizers this year!" This statement is being made by many farmers who also ask themselves, "Can I afford not to use fertilizer this spring?"

If the farmer cannot obtain sufficient increases in yields to pay for the fertilizer and for the trouble in using it, of course it should not be used.

In fact, he should demand a return of \$2 or more for every dollar invested in fertilizer. A much larger return than this is not only possible but almost sure if the proper analysis fertilizer is used in the right amounts and properly placed. The buying of fertilizer then becomes an investment which will return more than 200% within six months to a year. This is an investment that should not be neglected.

\$2.86 to \$5.08

A questionnaire was sent to a large number of farmers a few years ago. One of the questions asked was the value of the increase in crop secured by one dollar's worth of fertilizer used on various crops. In Ohio, 1,518 farmers reported that they secured an average of \$3.71 for every dollar's worth of fertilizer used on corn; and 385 farmers reported a return of \$5.08 for each dollar's worth of fertilizer used on potatoes.

In Indiana, 1,919 farmers reported an average return of \$2.86 for each dollar's worth of fertilizer used on corn and 100 farmers reported a return of \$4.53 for each dollar invested in fertilizers for potatoes.

Of course, corn prices are somewhat lower now, but the price of fertilizer is also lower which compensates for the lower corn prices.

Potato prices are approximately the same as when the questionnaire was answered, and since fertilizer prices are lower, the return on each dollar would be higher.

## FARMERS WON'T CARE FOR THIS

Amendment Started to Revise Local Gov'ts Along City Lines

A committee headed by Mr. Claude H. Stevens, former State Senator from Highland Park, is circulating petitions to initiate a constitutional amendment opening the way for revision of county government, including the elimination of the county boards of supervisors. The campaign will be under the active direction of Mr. William P. Lovett, Sec'y of the Detroit Citizens League.

The new amendment is the direct outgrowth of the defeat in the House of Representatives of the plan of local government reform sponsored jointly by the Detroit Citizens League, the Michigan State Grange and the Michigan State Farm Bureau.

This group had agreed on an amendment drawn by rural representatives, which did not affect the boards of supervisors and guaranteed townships against change except by consent of those living within them. The city interests accepted these provisions in a spirit of co-operation. But the proposal was defeated in the House.

The Detroit Citizens League has since abandoned any concession to rural opinion and proposes an amendment drawn strictly along city lines.

Under the new plan, the Legislature, the county board of supervisors, or citizens, by petition, may initiate alternative forms of county government, and may abolish or alter the board of supervisors by a majority vote of all the electors of the county. It is quite likely the amendment will appear on the ballots in November.

### 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 dept at Lansing, are eligible to membership credits when declared.

MAIL YOUR DEALER SALES SLIPS to the Michigan State Farm Bureau, Membership Dept., 221 North Cedar Street, Lansing, about every three months.

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

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

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

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

MICHIGAN STATE FARM BUREAU  
Lansing, Michigan

# Alfalfa Is the Cheapest Feed!



A Cutting of Farm Bureau Alfalfa

☛ Farm Bureau's Michigan Variegated, our Michigan grown certified Hardigan and certified Grimm, and our Western Grimm and common alfalfa seeds can't be beaten for hardiness and crop yields.

☛ Next in importance to the fact that alfalfa has the greatest feed value of any pasture or hay crop, and is always the cheapest source of protein for all classes of stock, IS THE NEED for absolutely dependable seed of high yielding varieties at prices you can well afford to pay.

☛ Right now, you can buy Farm Bureau Brand No. 1 alfalfa seed of the above varieties from your Farm Bureau dealer under prices of other years. We have not "hiked" prices.

☛ When you have fitted and limed land, why take a chance on any but Farm Bureau's clean, tested, high germinating and high yielding alfalfas? You can sow fewer pounds of them per acre and get more hay per acre. That's real economy and satisfaction!

### FARM BUREAU SEED GUARANTEE

The Farm Bureau Services, Inc., of Lansing, guarantees to the farmer to the full purchase price of its seed the vitality, description, origin and purity to be as described on the analysis tag on sealed Farm Bureau bag.

**For Farm Bureau ALFALFA SEED**  
—see your local distributor  
of Farm Bureau Seeds

## MICHIGAN VARIEGATED

A Great, Low Cost, Long Lived Hay Producer

Michigan Variegated Alfalfa seed comes from fields sown to genuine Hardigan, Grimm, Ontario Variegated, Lebeau, or Cossack varieties, which are our hardest, longest lived and heaviest yielding varieties. These fields were not registered for certified seed production, but they have produced seed, which is known as Michigan Variegated.

Variegated is an excellent hay yielder. The seed is selected, high test and thoroughly cleaned. The price is a money saver. Why pay fancy prices for "affidavit" Grimm or Hardigan when you can get them in Michigan Variegated at lower prices?

### CERTIFIED HARDIGAN AND GRIMM

Certified Hardigan and Grimm, blue tag, stocks are very limited. No superior for yield and quality of hay. Eligible for production of certified seed. You must buy them now! These are the best varieties for summer seeding without a nurse crop. At the rate it's going, there won't be any Farm Bureau Hardigan and Grimm left for long.

**June Alsike Mammoth Sweet Clovers**  
JUNE, the old reliable for hay and a cash seed crop. ALSIKE for low cost hay and seed crop. MAMMOTH cheap and abundant humus to plow under—improves heavy soils. SWEET CLOVER for low cost pasture, roughage, hay crops, green manure, seed.

### HUSKING AND ENSILAGE CORN

Certified M. A. C., Pickets, Golden Glow, Polar Dent. Ferden's Yellow Dent. We have a good supply of Ferden's. Ask to see it at your co-op. Butted and tipped. Small cob, heavy sheller. Ripens with good results south of line from Bay City west to Lake Michigan.

All of these varieties will grow and mature in those sections of Michigan for which they are intended. Guaranteed to have high, vigorous germination. Field selected, dried, shelled, and graded by corn specialists.

OUR ENSILAGE CORN: Farm Bureau Yellow Ensilage, White Cap, Red Cob, Leaming, Eureka, Sweepstakes, Reid's Yellow Dent.

### Special

We took in at a low price a quantity of the finest Montana Grimm alfalfa containing 1.32% of sweet clover. They can't be separated, but the first cutting should eliminate the sweet clover for extra and leave you with a field of excellent Grimm. Ask your Farm Bureau dealer. The lot number is 4163.

### Special

If interested in sweet clover for pasture or hay, Farm Bureau YELLOW BLOSSOM sweet clover is a good buy this spring. It produces an excellent stand and is not so coarse as the white blossom. White blossom sweet is scarce and the price is crowding the yellow blossom level. This seed is Michigan grown and very good.

**Timothy Field Peas**

**Sudan Grass Soy Beans**

**Millets Vetch**

**Robust Beans Lawn Grass**

### DELIVERED IN SEALED SACKS

Farm Bureau Brand Seeds are delivered to you by your distributor in sealed, trade-marked Farm Bureau Brand bushel sacks, direct from our warehouse. See our seed guarantee. Good seed is a good start.

## FARM BUREAU FERTILIZERS FOR YIELD



**CORN POTATOES BEANS BEETS**

CORN needs Farm Bureau Fertilizer's 95% water soluble NITROGEN for a quick start, to insure heavy yield and early maturity before frost.

POTATOES usually pay in extra yield twice the cost of 200 to 300 lbs. or more fertilizer per acre. 28 more bushels per acre extra yield in 1932. The entire crop pays with a higher per cent of marketable stock.

BEANS respond to Farm Bureau fertilizer with extra dollars from the extra yield. They mature earlier. We recommend Robust beans.

SUGAR BEETS respond to the 95% water soluble nitrogen in all Farm Bureau fertilizers. We use the highest grade sources of phosphorus and potash. Farm Bureau Fertilizers regulate easy in drill.

GOOD ALFALFA PASTURES respond to phosphate and potash fertilizers by carrying more stock and saving in feed costs.

## Mermash the Life Time Feed

WE HAVE been using Mermash and have put it to every test and have used it under practically all conditions found on a large poultry farm, a farmer told us recently. He said that Mermash:

1. Produces stronger chicks.
2. Chick losses are lower.
3. Pullets are well developed, early layers.
4. The hens lay more winter eggs.
5. The egg average per hen is higher.
6. The eggs are heavier shelled.
7. Mermash hastens old hens through the molt.

ONLY MERMASH contains Pacific Ocean kelp (a plant) and ocean fish meal, both rich in digestible iodine and other minerals essential for health and growth. Michigan crops and soils are low in these elements. Mermash contains ground yellow corn, pure wheat bran, flour midds, alfalfa leaf meal, kelp and fish meal. Your co-op has Mermash. Priced low.



## No Other Twine Like This



Michigan, Ohio and Indiana Farm Bureaus have arranged for the manufacture of Farm Bureau Binder Twine by one of the largest and best equipped manufacturers in the United States. FARM BUREAU TWINE is made of the highest quality materials by skilled workmen. It must pass many factory inspections and our inspector. WE COMBINED our purchasing power for your advantage. We offer:

FARM BUREAU TWINE 500 ft. per lb. in 5 or 8 lb. balls. Av. tensile strength not less than 80 lbs.

FARM BUREAU TWINE 600 ft. per lb. in 5 or 8 lb. balls. Longer Manila fibre. Av. tensile strength not less than 100 lbs.

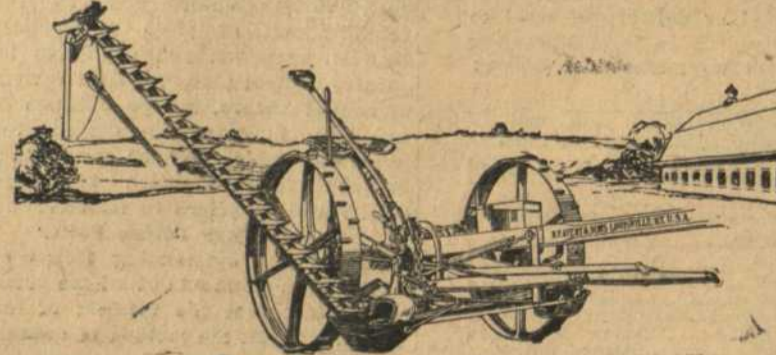
NOTE—the 600 ft. twine gives you 20% more footage and costs only about 13% more per pound. We recommend it.



Patented Cover Non-Collapsible Runs to last foot.

- 500 or 600 ft. per lb.
- Criss-cross winding.
- No snarls or breaks.
- Insect treated.
- Strong, uniform.
- Thoroughly tested.

## FARM BUREAU MACHINERY



Our Improved Mower

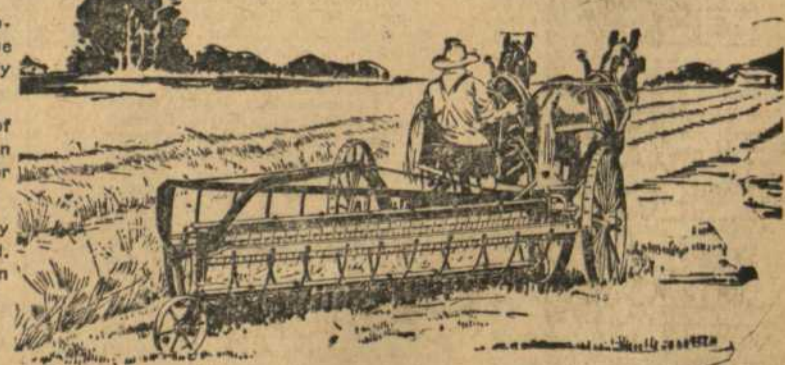
### TWO MACHINES IN ONE

Used as rake, cylinder revolves in opposite direction in which the machine travels and delivers hay in light, fluffy windrows on left hand side.

Shifting lever reverses direction of cylinder for tedding. The teeth can be adjusted to 3 different angles for raking and two for tedding.

Frame built to stand up in heavy service. 40 inch main wheels lugged. Also ratcheted to prevent drag on turns. Teeth oil tempered steel.

**Planters, Thrashers Tractors, Wagons**



Side Delivery Rake and Tedder

POWER AND LONG WEAR Built for hard work in heavy alfalfa or clover. Strong "Big Frame" and mechanical improvements for minimum draft and smooth operation.

Regular lift in 4 1/2, 5, 6, 7 foot sizes. Vertical lift in 4 1/2 and 5 foot sizes.

Roller bearings in main axle. Others long bearings with removable bushings. Connection to knife head self-adjusting for wear. Smooth, steady action certain.

## 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 Means Moneymaker**

MILKMAKER FORMULAS  
16, 24 and 32% Protein

**MILKMAKER Means Moneymaker**

MILKMAKER FORMULAS  
16, 24 and 32% Protein