





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," "Milkmaakr," "Mermash," etc.

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

We furnish addresses, 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 10,000 Federal Farm Mortgage loans per week, a drop from 13,000 per week in January and February of this year.



Sold by Farm Bureau Dealers

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

Farm Woman Writes About Her Experiences Since Last November

When friends in Charlotte, Michigan, wrote Mrs. Nell Smith of Conde, South Dakota, about the drought in Michigan, her son Donald remarked, "Tell them, they ain't seen nothing yet."

"Really, had anyone ever told me that fields and farms could have come to the place they have—well, we'd never have believed it."

"The fields were planted to grains at the regular seeding time—the last week in March and first week in April. However there had been no rain or snow but there was a little moisture which sprouted the grain but none to keep it growing."

"Dust Storms For a week or so, we dated every thing from the big dust storm. Then we quit—for we had them over and over. Sometimes 3 and 4 days per week from as many different directions—and no rain or snow."

"Dust storms continually—until we women folks took down our window

curtains, took all pictures from the walls, scarfs from the dressers and tables, took off bedsprings and used blankets—kept strips of cloth soaked in water and wedged in window cracks and even key holes, and let her blow, for we couldn't stop it.

Twice Worse Than Reports

"Then sickness set in. Flu and what the hospitals called 'dust pneumonia', Surgeons refused to operate unless a case of life and death. Accidents on roads were frequent. One day in January Paul and I were called to Redfield to sign some papers, when the day was beautifully calm, and we left but in about an hour after we got to Redfield the dust started to blow."

"Wait Till It's Over "At last when a terrible storm would come—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 over—then sweep off the beds and crawl in."

"The drought was broken, I believe June 4, and we've had some nice rains. 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 grass seed were furnished by the government—either to be paid for, \$5.13 or the like amount of seed returned this fall. It is all up nicely, now, but unless we get some rain soon, it won't amount to anything. No one planted garden until after a good rain about two weeks ago."

"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."

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. PRODUCERS CO-OP ASS'N Stockyards, Detroit East Buffalo, N. Y.

5 1/2% Money Available for purchasing Feeder Cattle and Lambs...

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 Dept. 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.

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.

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 be exercised to reduce fire hazards and prevent seasonal causes that result in fire, especially as in dry and drought periods.

Assets and resources total more than One Quarter Million Dollars. Premiums 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 your surplus for use only in extreme emergency. Credits are allowed for lightning rods, approved fire extinguishers and...

protect farm property, with the strongest and largest farm mutual fire insurance company in Michigan

State Mutual Fire Insurance Company of Michigan 702 CHURCH ST. FLINT, MICHIGAN W. V. Burras, President H. K. Fisk, Secretary



if the LAW

- 1. Revoked your driver's license? 2. Tied up all your cars and trucks?

What would you do!

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 car or truck 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, Ill. Michigan Farm Bureau, State Agt., Lansing, Mich. State Agt., STATE FARM MUTUAL, #P 12-33 221 No. Cedar St., Lansing, Mich. Without obligation to me, please send more information about your auto insurance and the Financial Responsibility Law. NAME ADDRESS

TRIP DOWN SOUTH FOR SOME FARM BUREAU WOMAN

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 Deal."

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.

Midwest Farm Bureau 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 from the several states in approaching these problems will be presented.

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 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."

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Clover, Reed's Grass Makes Muck Pasture

East Lansing—Sweet clover, mammoth red clover and Reed's canary grass sown on experimental muck plots at Michigan State College May 8 now shows a growth that would furnish knee deep pasture after one of the driest periods in Michigan history. One hundred experiments on legume, grass and common muck crops to show best yielding varieties and for response to fertilizer and cultural treatments will be exhibited at the muck farmers' meeting at State College Tuesday, August 7.

Fitzgerald Agrees With Farm Bureau in Suit

(Continued from page one.) should have the relief prayed for," Mr. Fitzgerald's reply concluded.

Lacy for Farm Exemptions

Detroit—Judge Arthur Lacy, campaigning for the Democratic nomination for governor, says that the sales tax law should be revised and its defects eliminated. He would exempt seeds, feeds, fertilizers and other articles used in producing farm crops to be sold.

Believes Sales Tax Will Do \$40,000,000 in '35

Lansing—The Michigan sales tax will produce \$34,750,000 the first, and is expected to go to \$40,000,000 or more in the fiscal year ending June 30, 1935, according to James Mogan, managing director of the State Board of Tax Administration. If the sales tax total reaches \$40,000,000, Mr. Mogan believes it will supply upward of \$12,000,000 for the aid of the public schools.

A scientist has discovered that alfalfa is just as good to eat as spinach. \* \* \* That's what we've been maintaining for years.—Grand Rapids Chronicle.

FLY SPRAY

FARM BUREAU FLY SPRAY for cattle is deadly to flies. Kills on contact. Repels flies long time. Makes milking peaceful. Helps production. Clean, petroleum odor. Won't spot or taint milk or clothing.

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 usually sell for at least 15¢ more. Kill-Fly in pints, quarts, gallons. Fly Spray in gallons and drums.

Buy From Your FARM BUREAU DEALER

FRANCE AGR'L PRODUCTS AGSTONE MEAL, HI-CALCIUM HYDRATED LIME, PULVERIZED LIMESTONE, SPRAYING LIME, AGRICULTURAL HYDRATED LIME. See your Dealer, Co-op, or Farm Bureau Dealer for FRANCE AGRICULTURAL PRODUCTS. THE FRANCE STONE CO. 4610 East Nevada Avenue, Detroit, Michigan. — OR — THE FRANCE STONE CO., Toledo, Ohio

FARM BUREAU FENCE TRUE COPPER-BEARING STEEL. 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 weather for a remarkably long time. Buy From Your FARM BUREAU DEALER. 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 & Company'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 products. 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 farmers a hearing in the matter.

#### FARMERS' CO-OPERATIVES

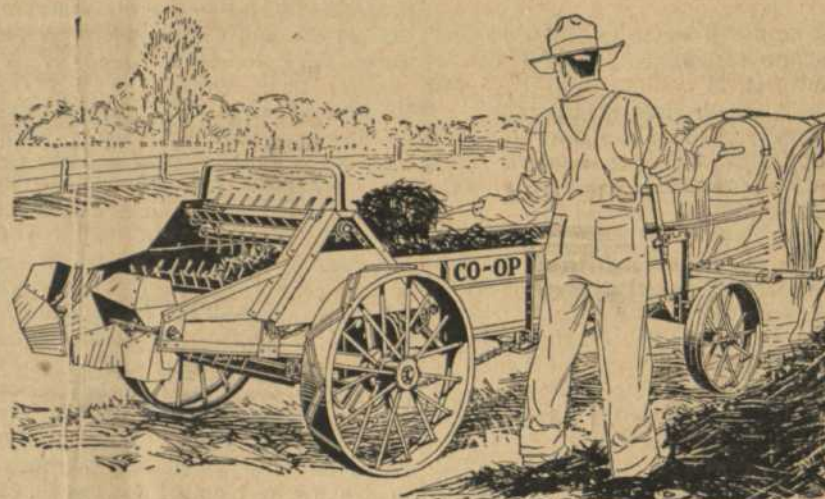
- Albion Elevator Co.
- Allegan Farmers Co-op
- Ann Arbor—Chas. McCalla
- Auburn—Farmers Co-op Union
- Avoca—Ker & Collins
- Bad Axe—Farmers Elevator
- Bangor Fruit Exchange
- Barryville Co-op Potato Ass'n
- Batavia Co-op Company
- Battle Creek Farm Bureau
- Bellaire Marketing Ass'n
- Benton Harbor—Gr. Lakes Fruit Ass'n
- Blissfield Co-op Company
- Boyer 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.
- Cadillac Co-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 Ass'n
- Clare—Independent Produce Co.
- Coldwater Co-op
- Coloma Fruit Exchange
- Coleman—Farm Bureau Elevator
- Constantine Co-op Ass'n
- Coopersville Co-operative
- Decatur Elevator Co., Inc.
- Decker Co-op Co.
- DeLeon 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
- Ewart Co-operative Company
- Falmouth Co-op Mktg. Ass'n
- Fennville Fruit Exchange
- Fowlerville Farmers Co-op
- Frankfort—Carter Candl
- Fremont Co-op Produce Co.
- Grand Rapids Growers, Inc.
- Grass Lake Farmers Elevator
- Harbor Beach Farm Bureau
- Hartford Gleaner Co-op
- Hartland Area Mills
- Hamilton Farm Bureau
- Haskell 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 Elevator Co.
- Jonesville—G. S. Bafer
- 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
- Manitoulin Co-operative Co.
- Marcellus—Four County Co-op
- Marquette Farmers Elevator Company
- Marshall—Farmers Co-op Elev.
- Marshall—Calhoun Onion Growers
- Marine City—Toch Elevator Co.
- Middleville Co-op Ass'n
- Middleton Farmers Elevator
- Millan—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.
- Parma Co-op Elev. Co.
- Paw Paw Co-op Ass'n
- Perry—C. H. Arnold
- Petoakey Produce Co.
- Pigeon Co-op Elev.
- Plainwell Co-op Co.
- Prattville Co-op Ass'n
- Pullman Farmers Co-op
- Quincy Co-op Company
- Ravenna Inc. Butter Co.
- Reading Co-op Co.
- Rockford Co-op Co.
- Royal Oak—Pringnitz Feed Store
- Saline Mercantile Company
- Saugatuck Fruit Exchange
- Sawyer Farmers Exchange, Inc.
- Scottville—Mason County Co-op
- Snover Co-op Elevator
- Sodus Fruit Exchange
- South Haven Fruit Exch.
- St. Johns Co-op
- Stanton Elevator Company
- Stanwood Mktg. Ass'n
- Stephenson Mktg. Ass'n
- Stevensville—St. Joe Mich. Fruit
- Sturgis Grain Co.
- Traverse City—Farmers Co-op
- Three Oaks Shipping Ass'n
- Trufant Farm Bureau
- Union City—Coldwater Co-op Br.
- Utica Farm Bureau
- Warren Co-operative Co.
- Watertown Co-operative Company
- West Branch Farmers Elevator
- White Cloud Co-op Ass'n
- White Pigeon Co-op Co.
- Whitefish—Gorton & White
- Yale Elevator Company
- Ypsilanti Farm Bureau
- Zeeland Farmers Co-op Ass'n

# 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. 4 1/2" front wheel tires, 6 1/2" 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.

**LIGHT DRAFT.** Spreader weighs 1,200 lbs.—100 to 500 lbs. lighter than 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 tire wheels that track, continuous tread lugs, tapered box, self-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.

**RIVETED WHEREVER POSSIBLE.** The steel angle construction forms a very strong and flexible frame. Steel angle sills, frame and side pieces are all securely riveted 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.

**SHIPPED COMPLETE** with two horse eveners and Alemite-Zerk grease gun. Extra equipment available includes brake attachment, 3 horse eveners, 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.

**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.

**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 adjuster provided for taking up the conveyor chain.

**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.

**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.

**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.

**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 loads per acre. Both levers are in convenient reach but when loading are out of the way. Seat swings forward out of way when loading. Always stays clean. Has spring support for easy riding.

**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.

**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 fertilizer 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. SUIT 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 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.

**SIMPLE—QUICK ECONOMICAL**

for Ties.....\$1.30 per M.  
Tier.....\$1.00 each

## Mermash Makes Good Pulletts



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

**GIVE YOUR PULLETTs** 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. Pulletts 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"

**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.

**MILKMAKER Means Money-maker**

**MILKMAKER FORMULAS**  
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 Means Money-maker**

**MILKMAKER FORMULAS**  
16, 24 and 32% Protein