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25th Year

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EDITORIAL Do Exports and Loans Sustain the Boom?

Exports of U.S. goods and services have increased rapidly since the first of the year and are now about four times as large as in 1940, according to Lawrence Witt, agricultural economist at Michigan State

college. Michigan agriculture is not affected as much as industry by the recent increases. Exports of agricultural products reached high levels earlier and now are not increasing as rapidly as exports of industrial goods. The large volume of exports has helped to maintain high levels of industrial production and purchasing power in the United States.

The value of U. S. exports of goods and services is over twice the value of our imports. Exports are now occurring at the rate of about 16 billion dollars each year. Imports, on the other hand, are around 7 billion dollars. This approximate 9 billion dollar difference between our imports and exports is paid by the importing countries from U. S. dollars accumulated by them during the war, newly mined gold, sale by them of U. S. securities which they own, and loans from public and private sources in the United States. If these large scale loans are not forthcoming, a reduction of exports is likely as dollar balances and U. S. securities run out.

As exports decline, the domestic market will have to absorb additional supplies of both agricultural and industrial products. However, additional foreign loans may delay a decline in exports.

A Rural Property Tax for Highways?

Shall a substantial part of the cost of rural highways be returned to the farm property tax rather than increase the state gasoline tax?

That appears to be the majority sentiment so far in the Advisory Committee to the Michigan Good Roads Federation highway-survey, according to Stanley Powell of the Farm Bureau. Mr. Powell and W. G. Armstrong, master of the State Grange, are the rural members of the Advisory Committee. They are opposed to the proposal.

The Federation survey is being financed by federal, state, county and city highway groups, public and private. Its recommendations on highway policy and finance are expected to carry much weight in the legislature:

Farm Bureau members will recall that 15 and 20



Good food, pleasant surroundings, and the enthusiasm of young people made the Junior Farm Bureau cafeteria a popular place at the Ionia fair early in August. More than 7,000 meals were served in six days.

ommittee.

nittee

ecome



The Junior Farm Bureau cafeteria was a building opposite the rear of the grandstand at the fair. The Juniors made it into a most attractive eating place and won many compliments for the Farm Bureau.

Co-ops Protest Ploeser

Junior Farm Bureau members demonstrated their good business judgment and ability to handle a big project when they undertook to operate a big cafeteria at the Ionia fair. They rented a bare building at \$150 a day. They built, borrowed and rented equipment to serve 500 or more at a meal. They raised money, from their groups, sold advertising to 10 farm marketng groups, bought stocks of food hired a cafeteria manager and cooks, and organized many Juniors to serve as volunteer help in the six days. The project paid off and provided a substantial fund for the Junior treasury. Miss Janet Fuerstenau, a senior in food management at Michigan State college, neaded the committee of Juniors hat did the job.



52 Counties Adopt **Expanded** Program

Ratification of Membership Agreement Sets State for Big Development in Farm Bureau; Effective Sept. 1

During August and early September, 52 of 55 County, Farm Bureau boards of directors adopted the new County Farm Bureau membership agreement. It became effective September 1.

The new agreement between the County Farm Bureaus and the Michigan Farm Bureau sets the stage for a greatly increased program of Farm Bureau work, particularly in the counties.

Under the agreement, and in accordance with action taken by the county delegates at the November, 1946, annual meeting of the Michigan Farm Bureau, annual dues are \$10 after September 1. A number of northern Michigan counties have been operating on \$10 dues for a year past.

Under the old agreement, if county membership quotas were reached, one-half of the dues or \$2.50 remained in the county. The other half, or \$2.50, was used in state and national Farm Bureau work. Under the new agreement, a county may secure up to \$6.10 of the membership dues by reaching its full membership quota, establishment of a county office with a full time organization and information director, etc., as part of the expanded Farm Bureau program.

A number of County Farm Bureaus have hired full time county organization and information directors to work under direction of the county board. They are on the job.

The new County Farm Bureau membership agreement and an increase to \$10 annual dues came about after two years of discussion and study of the Farm Bureau program for the future. The new agreement was drafted by a committee authorized at the 1946 annual meeting. It consisted of one member from each of the 10 Farm Bureau membership districts of approximately 5 counties each, and four from the Michigan Farm Bureau board of directors. The first draft of the agreement was amended by county boards of directors at a series of meetings. The amended agrement was again submitted to the county boards for general approval before being submitted for acceptance.

County Responsibilities under the *agreement. Each County Farm Bu-1 10—Pay to American Farm Bu-reau Federation the national Farm

years ago their local highway tax was often the largest item in their property tax-and often it was a real burden.

Our organization did much to gain the enactment of the McNitt and Horton Acts in the early 1930's. The McNitt Act provided for the first time that the counties should have a share of the gasoline tax revenues for building and maintaining local roads. The Horton Act gave the counties the second half of the auto license tax. Soon the local property tax for highways practically disappeared.

The past six years have been years of rising costs and increasingly hard-up road commissions. The condition of local highways has suffered accordingly.

In the 1947 legislature, the Farm Bureau supported a bill backed by rural and city highway groups to increase the gasoline tax from 3 to 4 cents a gallon. The increase would have provided \$6,000,000 additional for county road commissions and \$6,000,000 for city and village streets.

The legislature adopted the bill, but it was vetoed. In the veto message it was said that the whole highway system should be surveyed and its real needs determined. In the meantime, the county road commissions were set back \$3,500,000 annually when they lost to the general fund of the state their share of the state tax on liquor.

Mr. and Mrs. Will Gould of Dowagiac are members of the Cass County Farm Bureau. They read in our August edition our article on the road survey by the Michigan Good Roads Federation. They wrote Mr. Powell about the need for blacktopping a mile of road on which they and four other farm families live.

Mr. Powell asked the Cass County Road Commission if it would write to Mr. and Mrs. Gould. The letter written by Mr. Laverne J. Hendryx, engineer-manager for the commission, is most interesting. To us it indicates the pressing need for additional gasoline tax assistance for rural roads, and it presents one sample of what rural people may expect if they are to have "a substantial share of road costs" added to their property tax. For further en-(Continued on Page Two)

Committee to Republican Party

At Chicago, September 5 the board of directors of the Congress, many agricultural lead-National Association of Co-operatives, comprising state and regional farm co-operatives from coast to coast, and representing about one-third of the nation's farmers, blasted the House Small Business Committee under chairmanship of Walter Ploeser, Republican of Missouri for the type of hearings it has started on co-operatives. .

The National Ass'n of Farm Co-operatives telegraphed its protest to Carroll Reece, chairman of the Republican National Committee and demanded to know if the Republican party has reversed its historical position with respect to farmer co-operatives, and if the "Ploeser attack" has the official approval of the leadership of the Republican party. Text of the telegram follows:

Hon. Carroll Reece, Chairman when an accredited committee of Republican National Committee |Congress has made an open and avowed attack on agriculture and Washington, D. C. The board of directors of the Na- agricultural co-operatives under the tional Association of Farmer Co- pious cloak of investigating the problems of small business. operatives meeting September 5 at The unwarranted secrecy char the Hotel Sherman at Chicago by unanimous vote instructed the Pres- acterizing the first hearing is unident and Secretary to communicate paralleled in the violation of conwith you for the purpose of lodg- stitutional rights. It has been pubing a formal protest with reference licly reported that the transcript o the un-American manner in of the hearing has been withdrawn which the House Small Business and is not available to the accused Committee under the chairmanship to the public, or to the press. f Congressman Walter Ploeser,

Republican of Missouri, is conductto be conducted throughout the party leadership? ng what appears to be a planned partisan attack on American cocountry. We have reason to expect that future hearings at other lo- earliest convenience will be great- the highway to the truck loading ing peratives.

This attack is being made under cations will be equally closed not ly appreciated. Copy of this tele- dock has been completed. he guise of a "fair and impartial" only to the public, but even to reinquiry by a Congressional com- presentatives of co-operatives seekmittee dominated by Republican ing to defend their business. When the House Small Business nembers of the House of Represen-

Committee was reconstructed durtatives. This is the first time in history ing the first session of the 80th

ronage dividends, for 1945 were SERVICES TO PAY paid in Series B Services debentures. These bear interest at 3 per DIVIDEND PATRONS cent, payable annually. Farm Bureau Services is working on the payment of patronage

Inc., dividends for the year ending Aug-Bureau Services. board of directors has authorized ust 31, 1946. Payment will be made the payment of 4 per cent interest in Serfes B Debentures bearing in- Farm Bureau's picnic August 21 at Bay. Bay Juniors defeated Saginaw on all outstanding AAA preferred terest at 3 per cent.

stock. The stock represents patron- In accordance with the by-laws, day affair with scores of events and The rodeo was one of the big events age dividends, on patrons' business the Services board has declared a long list of prize winners who of the day. As always there was a with Farm Bureau Services to that the balance of 1947 Farm took home prizes ranging from a big program of sports and events August 31, 1944. Payment is to Bureau Services margins are to be calf to a power lawn mower. be made on or before Nov. 1, 1947. distributed to patrons as patronage The horse pulling contest win- Farm Bureau people served on the Farm News to each member month-The Farm Bureau services pat- dividends.

AT FERTILIZER

ers, sensing the possibility of predtribution for Farm Bureau Services judicial hearings under the probable says the Farm Bureau should hav chairmanship of Congressman Ploea fertilizer plant soon, and should ser, protested the recreation of the be making fertilizer this winter for spring of 1948.

Congressman Clifford Hope, Republican of Kansas, was assured by ers began erecting the steel frame both Congressman Ploeser, Republican of Missouri, and by Congressman Leonard Hall, Republican of naw at the crossing of the New York, that no "witch hunt" on York Central railroad and Outer co-operatives would develop. Conbelt drive.

gressman Hope reported such assurances on the floor of the House in the presence of both Congressand its storage warehouse. man Ploeser and Hall, one of whom vas-to become chairman of the comuperphosphate per year.

Since Congressman Ploeser has chairman, his protestaions of fairness and impartiality oward agriculture co-operatives apparently have become meaningless. In view of the manner in which the Republican control of the House

Committee on Small Business, under the Ploeser chairmanship, has begun its inquiry, it becomes our duty as representatives of a large egment of agriculture to submit he following questions:

1-Has the Republican party revers-

spect to farmer co-operatives? 2-Does the unwarranted attack by he "Ploeser committee" on the piling fertilizers

American farmer and his co-operatives represent the designed policy foundation work has been complet of the Republican party, and is the ed. Some floors have yet to be laid. Congressman Ploeser has an committee operating with the of Over at the acidulating plant a big

A reply to this inquiry at your

gram is being made public. Sincerely yours. NATIONAL ASSOCIATION OF CO-OPERATIVES belts, loaders, elevators, conveyors

Clark L. Brody, President Glenn S. Fox, Secretary nation. The object is to produce fer

ufacturing cost Some 4.500 persons attended the Saginaw county; 2nd. Mengo Barnannual Bay and Saginaw County by of Bay; 3rd. Roland Harrow of Frankentrost grove. It was an all Junior Farm Bureau in soft ball. for boys and girls. More than 150

ners: were: 1st, Richard Boensch various committees.

panded Farm Bureau service pro Fred Harger, pace-setting sugram: perindendent of production and dis-1-Hold an annual meeting 2-Appoint membership commit ee to direct annual roll call an other activities for membership oulding and maintenance. 3-Send delegates to Michigan

This week structural steel work Farm, Bureau annual meeting. 4-County board of director work for the Services fertilized shall meet at least 8 times during manufacturing plant east of Sagi year. Executive committee to func Nev tion in the interim. 5-Accept a common date for all counties when membership dues

Using two cranes, workmen wer putting up the acidulating plant equipment will be installed for the manufacture of up to 30,000 tons o

> Steel is arriving for the main plant, There we shall manufacturi up to 45,000 tons of mixed fertilizer per year. Soon the entire plant will begin to take on the appea ance shown in the architect's dray

The sidewall material is to l corrugated steel with a heavy pro tective coating, brown in color. In another week or so carpenter will be swarming in the structur They have an immense roof to lay

A carload of pitch is on hand for ed its historical position with re- tarring the heavy roofing to be at plied. They have 24 gigantic bins to build within the plant for stock

Practically all of the concrete

nounced that similar hearings are ficial approval of the Republican concrete silo is being built for the storage of phosphate rock. plant-wide concrete approach from

> Considerable of the machinery plumbing, electrical equipment, etc. is at the plant. Mr. Harger says that the bulk of the machinery

and other things is due to arrive in October. Together they will make this one of the best mechanized fertilizer manufacturing plants in the

6--Maintain a public relations publicity and membership relations There programs, together with such activties as Community Farm Bureaus, Women's Program, Junior Farm

programs, etc. that are uniform with those conducted by all counties.

The

icies and program as developed by county delegates to MFB annual meeting.

shall become payble.

agrees with

the Michigan Farm Bureau that

each and all County Farm Bureaus

shall accept these basic responsi

bilities as foundations for an 'ex

ounty's share of membership dues. Michigan Farm Bureau Responsibilities

-Carry on an educational, legislative and business program agreeable to the general member-

2-Assist County Farm Bureaus hrough a field force that will help

and advise wherever possible, 3-Furnish necessary member ship blanks and cards. 4-Maintain at Lansing a master

5-Maintain a program of educational work through Community eau and the Grange had an impor-Farm Bureaus, and prepare and tant part in getting a John Bean distribute material incidental to such a program, in harmony with the County Farm Bureau. 6-Maintain a legislative gram in the best interests of the nembership as determined by th annual meeting of the Michigan Grassland and

Farm Bureau, or at meetings of authorized representatives of County Farm Bureaus. 7-Promotion of a Farm Bureau

Junior Farm Bureau. Women's acas are desirable and feasible. 8-Maintenance of a general ad. to high quality livestock. ministrative office for the Mich-

igan Farm Bureau. ly throughout the year.

Bureau dues for each paid up mem ber.

11-Hold Michigan Farm Bureau annual meeting for determination of policies and programs by dele gates from County Farm Bureaus.

BUILDING ADDITION COMPLETED AT HART PLANT

An Employees' Warehouse Jamoree celebrating the completion of a new, modern, two-story building addition on the front of the can ning plant of the Oceana Fruit Growers, Inc. was recently held at Hart, Michigan.

The new addition has a total floor space of 60,000 square feet Bureau, co-operative commodity In addition to the storage of fruit, the first floor provides for a mod 7-Maintain membership records ern employees' service quarters which include women's rest room. moking room, plant dining room. 8-A policy to carry on the coun- The manager's office and accountty and local program to harmonize ing office are also located on the with Michigan Farm Bureau pol- first floor. The second floor will be devoted to the storage of supplies, such as: cans, cartons and labels

Lockers have been provided for all 9-Finance county program on the employees in the plant, This culminates the Hart plant building program that has been carried on over a period of 12 years at which time the Farm Bureau Fruit Products Company purchased

> Administration **Township Fire Truck** In Wexford County

the plant from the Farm Credit

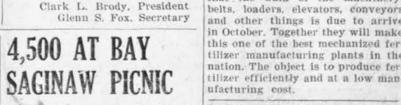
Haring, Clam Lake, Cherry Grove file of all members, in good stand- and Selma townships of Wexford county now have modern fighting service. The Farm Burhigh pressure, fog-type fire truck and in making arrangements with the Cadillac fire department for manning and maintaining it.

Farm Income

When grassland is emphasized on

farms, the largest amount of the esearch and information program, farm income comes from livestock livestock products. and MSC tivities program, commodity rela. specialists say this means that large tions program, and other programs quantities of high quality hay and pasture must be produced and fed

Plan a hog breeding and feeding 9-Distribution copy of Michigan program to take advantage of high.







The Grindstone

MICHIGAN FARM NEWS

In Neighbor Hicks's workshop with the saw stand and the drill Is a new electric emery wheel that gives him quite a thrill. There he grinds the mower sickles and sharpens Cynthia's shears And touches up his plow points in these hot and droughty years.

At Clem's strong invitation I took my grinding there And it surely makes the grindstone seem a mighty slow affair I thinned my thick old splitting ax in just five minutes flat, Though I drew the temper somewhat, if you come right down to that.

The common old hand grindstone is a relic of the past. It took a heap of labor,-and it didn't cut so fast, It had its slow advantages, which I shall not gainsay, But I relegate it strictly to the horse-and-buggy day.

It was mounted in a stout hewn stand with sturdy legs of oak And its trunnions squeaked in protest at each reluctant stroke Of the crank at which I labored, underneath the apple tree, And the scene was unromantic and devoid of poesy

It was hot there in the summer, and the horse flies buzzed about. And the cutter bar was long and dull, with nicks that must come out, While the water dribbled dankly to the dismal rhythmic squeat As we spent a sticky noon-hour at the farm boy's torture wheel.

It was cold there in the winter, when we had to grind the ax. The steamy old teakettle helped to ice my snowy tracks, And I cannot blame my father that his temper sometimes ros When I gave half-hearted service while his fingers slowly froze

I have never grown to like it as the years have covered me Till I tried Clem Hicks's grinder that the motor spins so free. guess it wastes some metal, but to be sincere and frank, I'd rather press a button than to turn that blistering crank,

> R. S. Clark 315 North Grinnell Street Jacksen, Michigan

sumed in January, 1948,

not dry fed. I am quite certain that **FARMERS' WEEK** solution asking the district health meat from that steer compared faunit to have a cancer specialist vorably with at least 75% of all come into the county and organize beef sold in Lansing or any locali-**TO BE RESUMED** ty in Michigan. That animal sold **ON MSC CAMPUS**

of the live animal. This rule should

mal at 26c, roast at 33c and steak

On account of present day higher

Some years ago the U. S. Dep't of be doing well and growing in membership. Agriculture issued a bulletin which

Letters to the Editor

RETAILER. PACKER & 84c BEEF costs and wages, these rates may Editor Michigan Farm News: be too low but even when you fl-American Meat Institute

gure at 3, 3½ and 4 times live 59 East VanBuren Street Chicago 5, Illinois roast and 52c steak. August 8,1947

at 39c.

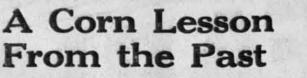
The most profiteering is done in selling lower grades of meat of the 1945-46 term taxed classroom, We always read with a great deal dated August 2, we found particu-lar interest in the editorial titled reasonable for a sirloin but 280 further increase in conclusion in conclusion and ashes mixed in properties. The mixed in properties will be high and 84c may be further increase in conclusion and ashes mixed in probably well drained by the canals "The Retailer, the Packer and 84 meat is very scarce. I should say vented holding the event in Janu- planted in 42 inch rows with 2 meat is very scarce. I should say vented holding the event in Janu-Cent Beef." It occurred to us that that less than 10 per cent of the ary of 1947.

THEO BENGEL sidered intrusive. It appears that a housewife paid 84 cents a pound for Fowler, R-2.

steak and that this steak came from **Peonies Can Be** a steer which brought the farmer 19 cents a pound for the live animal. **Replanted Now** it being added that the meat was

September is a good month sold to retailers for 33 to 40 cents divide and replant peony plants pound. An animal that was worth only says Paul R. Krone extension flori. gram the various farm organiza- 170 bushels per acre. 19 cents a pound would dress out culturist at Michigan State college. at hardly more than 50 per cent, so Old plants should be seperated that the dressed carcass hanging in into divisions with three to five meetings. Annual livestock feeding the packer's cooler was worth about or even seven eyes and replanted. 38 cents. This does not take into After replanting, the eyes should grand champions are selected. eccount sharp increases in supplies, not be more than two inches deep. wages and decreased value of by- Soil should be prepared carefully

products. Ordinarily, the value of since peonies can remain in the Feed Waste by-products defrays a good part of same place seven or eight years. the cost of dressing the animal and Dig the holes deeply and mix in other operations, as well as a mo- some well-rotted manure at dest profit. To show you what we tom of the ditch. A small handful mean, the value of hides always is of bonemeal or superphosphate can credited to beef; and the fact is be mixed in well with the top soil that when by-product values are around each plant. sufficient, the meat packer usually Little pigs should be inoculated poultry specialists. ells a dressed carcass of beef, after performing the job of dressing it, against cholera before weaning chilling it, handling, etc., at less time.



By GEORGE D. SCARSETH, Director

American Farm Research Ass'n More on fewer acres with lower organic matter he probably got 40 mak e between 140 and 150 bushels costs per crop unit, better conser- pounds. This total roughly to 200 per acre with 10 ounce ears, one ear vation of the land, less work, more pounds of nitrogen, and that is just per stalk, or smaller ears with one profit, and more nutrious food stuff about what a 127 bushel crop needs. or two per stalk. He made a yield is putting about everything in a nut shell as far as the production figure why he got what he did, or end of farming goes.

Today we have the "know-how" to do this to a far greater extent than needed to do it again, or in some ever in the history of agriculture. other field. Our information is more accurate A really more illuminating story omes from this 1870 year book. than that of farmers 100 years ago. Let's look at two reports of long ago "In the proceedings of the annual that we will analyze in light of our. convention of the South Carolina present knowledge. Agronomy & Mechanical Society for

Recently George Naftziger, a far- 1869 is a report by Mr. J. W. Parker mer near Logansport, Indiana, cal- of experiments in growing corn, of of 200 bushels per acre. led my attention to two reports from the 1870 Department of Agwhich the following is an abstract. "Selection was made of a quagriculture Year Book. mire grown over with rushes, wil-



then out by increased veteran enrollment David H. Bronson of Guthrieville, make stew meat from the 13c ani- at the close of the war, will be refrom a reservoir a gentle flow Pennsylvania averaged 1271/2 bushels of corn per acre on 4 acres. Here The yield was 147 bushels per acre. E. L. Anthony, dean of the school is how he did it. On land that was The following year this experiment of agriculture, said the dates of in clover and timothy in 1869 he January 26 to 29, have been set aside "liberally limed" and plowed under "hog pen manure at the rate of 3 for the big event which had been on an acre was 200 3/8 bushels as gure at 3, 3½ and 4 times live held annually for thirty years prior ox carts loads per acre" and "un-roast and 52c steak to 1946. manure" at the rate of 4 "wagons When winter term enrollment in story? loads" per acre. He used a starter fertilizer at planting in that "each

reasonable for a sirloin, but 28c further increase in enrollment pre- equal proportions. The corn was grains per hill 15 to 18 inches apart.

you might be interested in a few comments on this editorial if we may make them without being conmore facilities seem possible by each stalk averaged one ear, each was applied, but it must have added tricts in development of soil and late January. Although enrollment ear would have to weigh on the considerable plant food. We have water conservation plans. this fall and winter at the college is average about 9 ounces. That's a data today showing that the best expected to break all previous re-cords, special arrangements will be made to take care of the visiting targent for the ears been up to 12 ounces way to handle manure for corn is to plow it under. In that southern climate the manure rotted fast, 1,900 districts have been establish arm people. During the Farmers' Week pro-the yield would have been near to and the repeated plowing likely made the seedbed mellow. Note he billion acres or three fourths of farm people.

tions, livestock associations, crop

Poultry feed wastes-which cost

each year-can be cut considerably

by not filling the feed troughs so

full and by changing the size of

feeders as the chickens grow, ac

cording to Michigan State college

Husking corn cleanly will help

air circulation in the cribs.

Classified Ads

Classified advertisments are cash with order at the following rates: 5 cents per word for one edition. Ads to appear in two or more editions take the rate of 4 cents per word per edition.

oultrymen thousands

was short of both nitrogen and about 15% nitrogen. This is proassociations and others hold annual phosphate but especially nitrogen. bably the first recorded instance contest entries are exhibited and To make 170 bushels of corn would where nitrogen fertilizers have Prices

require about 270 pounds of avail- been plowed under for corn-a prac-

in that area frequently needs both calcium and sulphur. The "solution of niter" was probably some of the nitrate of soda and this served as a starter fertilizer. Mr. Parker planted the first corn crop in 36 inch rows with each seed 10 inches apart. This gave him an did not add over 80 pounds, and average stand somewhere around from the rain, azotobacter and soil 17,000 stalks per acre or enough to

Neither Mr. Bronson or the of 147 bushels per acre that first specialists of 1870 had the facts to year. It appears Mr. Parker in South

why he did not get more, or just Carolina had more fertility, parwhat part of these treatments were ticularly more available nitrogen for his corn than did Mr. Bronson in Pennsylvania.

Chances are that Mr. Parker's bottleneck in yield that first year was that his stand was too thin, because when he greatly increased his stand the next year by using only 30 inch rows he made a yield

We do not know what he added to the soil for the second crop. We can guess a man like Mr. Parker did something that was adequate. At snakes and malaria, and traversed any rate the stand for this 200 by a winding, sluggish stream. bushel crop figures out to be near 20,000 stalks per acre. With one ear per stalk they would need to weigh a bit over 10 ounces each to make the land was cleared, leveled and such a yield. It is probable that with the corn variety of that day there were two ears on many of the stalks. Such being the case, the yield obtained seems valid indeed. It is of interest to note that Mr. Parker irrigated his corn; he also attained a luxuriant growth, were did not cut roots in the cultivation, because he used "shallow, level cultivation" and quit cultivating early. He was not a man to handicap his

corn by cutting off feeder roots. In light of this work done by these farmers 77 years ago without the benefits of our scientific inforper acre. The seed corn having mation on the "hows and whys" it been soaked in a solution of niter is not for soon we modern folks is not too soon we modern folks get busy to take advantage of the great opportunities and privileges with rakes after which the land was that are ours now in 1947 and henceforth.

The writer has lectured on what it would take to make 300 bushels of corn per acre today. If J. W. irrigated by conveying Parker farming in South Carolina nearly 80 years ago could make 200 of water through every other row. bushels per acre, then somebody will make the 300 soon, and in so doing will show all of us a new economy was repeated except the rows were in lowering the costs of production laid off in 21/2 feet rows, the yield of this basic food crop.

attested by a viewing committee." Now what can we pull out of this Soil Conservation We note that the land was virgin, Grows in Michigan

likely high in organic matter, and In Michigan, the first soil conservation district was established underdrains and subsoiling used. in Ottawa county in May of 1938. It appears that Mr. Parker ma- Since then 39 districts, covering nured the land at least three times, more than 11 millon acres of land, We see that Mr. Bronson had a fall, winter and spring, and each have been organized by farm com

The first soil conservation district climate the manure rotted fast, 1,900 districts have been establish also plowed under the Peruvian all the farms in the country are in-

My guess is that Mr. Bronson guano nitrate of soda containing cluded within these districts.

Strong demand and prospects for able nitrogen. The manures he ap-plied added about 80 pounds of ni-trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land trogen. The clover residue likely which is calcium sulphate; new land

EDITORIAL

lightenment along this line, see the property tax for highways columns of the table on page 4. This table was published first in 1935, brought up to date in 1940. It's of interest again.

Now, the letter from the Cass County Road Commission Engineer-Manager to Mr. and Mrs. Gould:

Mr. & Mrs. Will Gould

Dowagiac, Michigan Dear Mr. & Mrs. Gould:

I have received a letter from the Michigan Farm Bureau and a copy of the letter you sent to them in regard to getting your road blacktopped from M-152 north, in Section 2, Silver Creek township to the county line.

I wish to explain conditions and clear up a few points in question that you might pass along this information to your neighbors.

This is a mile of township road turned over to the County Road Commission under the McNitt Act, which provides approximately \$58 per mile for maintenance and nothing for improvement or construction on these roads. As you know, this road needs a fill just north of the culvert at the outlet to Magician lake. The entire road needs ditching to get the surface water off the road and approximately 1,600 cu. yards of gravel resurfacing before the road is ready to blacktop. This would cost about \$2,800.

The culvert at Magician lake outlet is narrow and in bad condition and would cost about \$1,200 to remedy that. The blacktop itself would cost \$3,000, so you have a \$7,000 job to do on \$58 per year. It will be impossible to do it without some financial assistance.

The amount of money we receive for all the township roads in Silver Creek township is \$2,411.33 per year. So any money other than the \$58 that we spend on your road cuts off that much from the other roads and is not fair to the people on the other roads that also want blacktop.

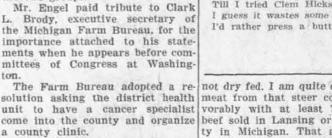
We tried to get an increase in the gasoline tax and that was vetoed by the Governor. We tried to get a 1 mill property tax for roads and that was turned down by the supervisors. Right at present we are doing the best we can with what we have.

> Very truly yours. Cass County Road Commission L. J HENDRYX. Engineer-Manager.

Power Line Carries Telephone Service

A few weeks ago at Crystal Falls in the upper peninsula there was placed in operation a new type of telephone service for rural people.

By means of special radio telephone equipment for the farm home, a telephone message was transferred to the 2,400 volt power line as high frequency radio impulses. The message rode the power line into Crystal Falls where appropriate radio telephone equipment separated the message impulses from the power current and converted it into telephone voice.



county clinic. 'Falmouth Co-op and Wexford for 13 cents a pound at the Detroit County Farm Bureau reported to Stockyards.

stated that stew or soup meat should retail at two times the cost

Cong. Engel Says Farm

Congressman Albert J. Engel told members of Wexford County

Farm Bureau and Falmouth Co-op

August 21 that he had seen farm

organizations prove their value at

Washington time and again.

He addressed 400 at the picnic of

the two groups.

Groups Gets Results

It was said that up to eight customers may be accommodated on each of six radio frequencies available on the power line. Six conversations may be going on at once without interference.

The equipment in the home is really a miniature radio broadcasting station and radio receiver operating on a fixed frequency. It occupies hardly more space than the usual telephone bell box.

The program will bring telephone service to areas where it costs too much to build ordinary telephone lines. The REA and the Bell system have been the first to work out model agreements for the joint use of power lines and poles.

It's Later Than We Think It Is

"As soon as foreign countries can supply their own food, or Congress gets tired of financing exports, what are we going to do about farm income?

"Only general farm organizations and farmers' co-operatives are interested in fighting for decent farm income, worth while farm credit facilities and other things we must have. If you don't think so, you have only to look around to see who is trying to abolish or cripple farm co-operatives, the Farm Credit Administration and other organizations farmers have built.

"You have not only the right to build a general farm organization and your farm co-operative, but you have a responsibility to do so and to maintain them. They are the organizations we can depend upon in the days to come. It's later than we think it is."

This statement was made by Willim Thatcher, general manager of the Farmers' Union Grain Terminal at St. Paul, Minn., in the course of his address to the annual meeting of the Michigan Elevator Exchange at Lansing, September 3.

upplies of chicken meat in t and half of 1947 will be bel year.
)

stock shipped to stockyards in the so that insects and rodents cannot troit. The steer was in good conenter and damage the grain. United States go by truck.

than the cost of that beef when it was walking around on the hoof. Of course, we don't know what was involved in the retailing of that meat, but it is a fact that the retailer's costs have gone up materially. He pays lots more for labor than he used to. Even his string and paper cost him lots more money. Further, it must be remem-

Shallow Well Pumps \$50 to \$100. Deep well \$100. Jet pumps \$108. Oll tanks, septic tanks, oll burners, oll furnaces as low as \$145. Reynolds-Shaffer water softeners, Write E. Hathaway, 102 Martha St., Holly, Michigan. Save 10 to 15%. (4-6t-38p) bered that a steer is not all steak. It would be nice if this were true. Our guess is that the retailer who got 84 cents a pound for steak for meat for which he had paid 33 to 40 cents in the carcass probably sold a considerable poundage of

the carcass at wholesale. It would

be interesting to know, for example what he was able to get for brisket

In view of your interest in the

subject, we are taking the liberty of

enclosing copies of two recent is

sues of our "background" release

titled "Food for Thought." In

these are stated facts as nearly as

we can judge them, on the basis

largely of information obtained

from government sources. Incidentally, if you ever have any

juestion in your mind about meat

and you think we might have the answer, it will give us pleasure to

Yours truly, Department of Public Relations

Editor's Note-We said August

that when the housewife thinks

he price of meat is too much, and

thinks that the farmer is responsi

le,-then the farmer has a problem.

most of the high cost of food to con-

sumers is in the cost of labor, distribution and margins added after

the product has left the farm. We

are indebted to Mr. Draper for his

analysis of the transactions cover-

We said also that we think that

Norman Draper, Director

endeavor to supply it.

ed in the editorial.

Editor

shank meat, shoulder meat, etc.

FARM MACHINERY meat from the 'carcass to his customers for less than he paid for

ence,

FARM EQUIPMENT

LIVESTOCK

PRINTING

Attention, Wool GROWERS Attention, Wool Growers-send your wool to us and you are guaranteed the ceiling price. We are purchasing wool for the government. Year around wool marketing service and prompt settlement made. Michigan Co-operative Wool Marketing Asso-ciation, 506 N. Mechanic St., Jackson, Michigan. Phone 3-4246 (3-tf-44b) VETERINARY REMEDIES

WOOL GROWERS

Stewart Shearing Machines for Sheep. Animal clippers for cows, horses, mules, dogs. Repair parts, sharpening service on all types of cutters and combs. Michigan Co-op Wool Marketing Ass'n, 506 North Mechanic Street, Jackson, Michigan. (4-tf-34b) Phenothiazine—Best Drench Grade, 90 cents per pound F.O.B. Lansing, 1 of 100 lbs. Write for 150 lb. drum price. H. F. Link, Pharmacist, 1456 E. Mich-igan Ave., Lansing 12, Mich. (7-tf-27b)

Mastitis Treatments-Penicillin or Sulfanilamide in oil or udder in-jection. 60 grain Sulfanilamide tablets Internally (100 for \$4.00). Syringes complete with infusion needle \$3.50. Test with Brom-Thymol solution or blotters. Write for literature. H. F. Link, Pharmacist, 1456 E. Mich-igan, Lansing 12. (4-tf-40b) V-Belts for Combines, all Makes and models. Give complete data when rdering. Gulf Service Station, Law-ence, Mich. (7-3t-18p)

Electric Motors, all Sizes Available. V-Belts and pulleys in stock. Gulf Service Station Lawrence, Mich. (7-12t-15p) MAPLE SYRUP PRODUCERS

Galvanized and English Tin Sheets re arriving at our factory in sizes to take up King evaporators in sizes to t many syrup operations. It may be For Sale—Grain threshers for 2-plow tractor. Grain binders. Huskers, Pick-up balers. Saw mills. Send for list or come and see. Marshall Farm Ma-chinery Sales, Albion, PO Box 156, Mich. 1 mile west on US-12. (8-2t-28p) make up king evaporators in sizes to fit many syrup operations. It may be possible that our factory has avail-able the correct sized metal sheets to make up your new King evaporator in time for the 1948 season. Write us your needs now. We will advise you promptly if your size is available. Sugar Bush Supplies Company, P. O. Box 1107, Lansing 4. Mich. (8-4t-78b)

Mule-Eight year old black female, weight 1200. Gentle, good worker, good disposition. Harry Wight, Grand Ledge R-3, Mich. 9 ml. west of Lan-sing on Saginaw, M-43. (9-1t-19p) FARM TELEPHONES Farm Telephones. New Model, hand-set wall telephones for farm lines-prompt delivery by parcel post. Write: Farm Telephone, Dept. 127, Rogers Park Station, Chicago 26, Illinois. (8-2t-25b)

PILLOW CASES

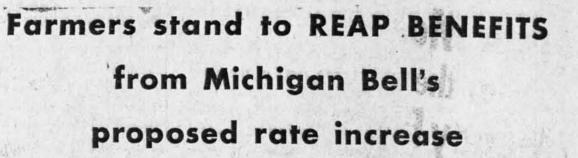
Corriedale Sheep. The Better Breed, Mikesell & May, Charlotte R-2, Mich. Farm located on US-27 at south city, Imits. Your correspondence is wel-iomed. Your inspection is invited at any time. 10% discount for 4-H and (8.27-280). PILLOW CASES Hemstitched Pillow Cases Only \$1.36 a pair! Amazing value direct from South Carolina Mills, world's largest exclusive cotton mail order house! Snow white muslin pillow cases made of high-quality, long-wearing sheeting. Full cut (35 x 42) and pre-shrunk. Spoke-stitched hem! Order a supply today at this remark-able low price-only \$1.36 a pair! En-close check or money order. Satis-faction guaranteed or your money (8-3t-36b) Holstein or Guernsey Heifers-Well

stein or Guernsey Henses, six to een months. Tested. Carload Ed. Howey, South St. Paul, esota. (92t-22b)

faction guaranteed or your money back. Get FREE COPY of our New Fall Catalogue showing wonderful cottor values for the whole family at economical money-saving prices. economical money-saving prices Write Dept. 145, South Carolina Mills Vrite Dept. 145, South Carolina, Spartanburg, South Carolina, (9-11-100b)

TENTS

Used army tents, slightly damaged \$16.50. Repaired tents \$25. Army steel cots \$2.25 FOB Benton Harbor. Harry Marcus, Benton Harbor R-3, Mich



When somebody raises prices, you usually just pay more for what you've been getting all along.

But, that's not entirely the case with Michigan Bell's proposed rate increase.

The suggested rates would help protect the future quality of your telephone service . . .

AND-the suggested rates would provide more service to most rural telephone users.

In most exchanges telephone customers would be able to call telephones in certain adjacent exchanges without paying the toll charges they now pay for these same calls. This means flat-rate service to more trading centers and neighbors in more nearby communities. And, since farmers are among the largest users of short-distance toll service, this new "Extended Area" rate would mean important savings to farm families.

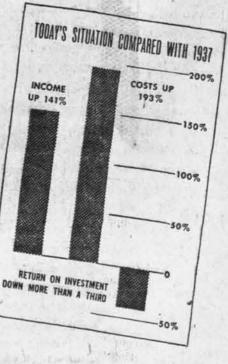
Michigan Bell would rather not have to ask for a rate increase. But you know how much more you have to pay for feed and machinery and farm help and nearly everything else you buy today. That's the way it is with us, too.

The cost of everything required in providing telephone service-wages, taxes, supplies -has gone up much faster than our income. And our return on investment today is on a dangerous downward trend.

NOTE: Where the term "Income" is used, its meaning is the same as "Revenue" or "Gross Income." Where the term "Investment" is used, it means the original cost of the telephone property less the depreta-tion reserve accrued against the ultimate retirement of the property.

A lot of money will be needed from investors to expand and improve telephone service. Our 5-year post-war rural program alone will cost more than \$13,500,000. But investors will be willing to put up the money only if they can be sure of a fair return on their investment. So, to protect the future quality of your service, telephone rates must be sufficient to pay our higher costs and provide this fair return.

Rural telephone rates haven't gone up in 21 years. Instead they have gone down. Rural rates now are as low as they were in 1937. And 1937 rates just won't work in 1947.



MICHIGAN BELL TELEPHONE COMPANY

A Farmer's Comment

PRINTING Let Us Do Your Printing—A farm print shop at your service. Person-alized Stationery-200 envelopes, 200 sheets of writing paper with your name and address imprinted for \$3.00 postpaid. (Package shipping labels free with each order.) An ideal Christmas gift and very useful in any farm home. Farm Co-operatives,— We can do your commercial printing very reasonable. Member of Michi-gan Farm Bureau. Fruit Belt Print-ing Company, Coloma, Michigan. (9-4t-68p) Michigan Farm News I agree fully with your editorial on the meat situation. The profit the margins are the main reason for low the 84 cent steak. A few months ago when cattle

prices were about the same as now, we shipped a 1,000 lb. steer to 'De-

dition, but not prime as he was,

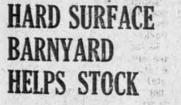
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SATURDAY, SEPTEMBER 6, 1947



comments that, with the addition Many farmers who watched their of the horse show, the affair may be livestock wallowing kneedeep the forerunner of the eventual re-establishment of a Genesee County through muddy barn yards last spring are saying "never again," Fair. and making plans for hard surfac-

Many interesting exhibits held ing at least part of the yard. the attention of the picnickers Surfacing with gravel or filling throughout the day. Ten teams apmud holes with stones is often peared for the horse pulling contest. wasted time and effort. The stones competing for \$200 in cash prizes. or gravel soon become embedded in

the top soil, and the yard is as muddy as before. Paving as large an Parasite Control area as is possible with concrete is Improves Wool a more practical method.

George Amundson, extension ag-Internal parasites in sheep should in soft ground, and it's easy for her ricultural engineer at Michigan he controlled to keep the animais State college, says that the amount in best condition. Health and vigor of pavement required will depend can be improved by controlling the on the size of yard and type of parasites with a salt and pheno livestock. A larger yard and more thiazine mixture made up of one paving may be desirable for feed pound of phenothiazine to twelve the barn must be such that they er cattle than for dairy cattle. The or fourteen pounds of salt. Drenchamount of surfacing can vary from ing with phenothiazine also is efa completely paved yard to a strip fective and helps to keep the aninear the barn and around the water mals in good condition and results tank. County agricultural agents in a heavier growth of wool. Decan give details of paving for farm tails of these treatments can be barn yards. secured from county agricultural

agents

An important step in land management is a good crop rotation.

Of the 175,268 Michigan farms Steel, upholstery leather, mohair, made by more efficient arrange-144,260 have electricity on them. lead and nickel.



Water is softened and filtered in one tank

Conditioner is scientifically adjusted to your particular needs and vater type

Thrifty, efficient, long-lasting, compact and smart Write or call today for detailed information Manufactured by **REYNOLDS-SHAFFER COMPANY** 12100 Cloverdale Avenue, Detroit 4, Michigan On Sale at Your Farm Bureau Dealer



the others.

We Need to Be As **Strong as Others**

By MRS. EDITH M. WAGAR zation just as strong as either of Briar Hill Farm, Carleton, Monroe Co.

Labor Day has come and gone. It was a three day vacation for a State college. A barn is something great majority of our national population; it was a grand reunion fore the advent of the farmer co-opfor many of its organized groups. It's too bad so many suffered exploiting the agricultural popuaccident and death during this period, although the public had had days of warning to be cautious.

DAIRY BARN

SHOULD BE

laced, and built.

ent of the barn.

started.

County.

grams

at the age of 42.

Sustained high average milk pro

and feeding and management pro-

CONFERENCE

WELL PLANNED

Planning a new dairy barn

serious business, says J. S. Boyd,

agricultural engineer at Michigan

that will have to give service for

many years to come, so it is im-

portant that it is correctly planned,

The habits of cows naturally make

difference in barn design. Since

cows use large amounts of rough-

ages, there must be adequate storage

facilities for this type of feed. The

cow's hoof is adapted for walking

to slip on wet floors. Milking and

feeding should be done regularly

and the barn should be designed for

quiet systematic work. Since cows

will not suffer under high tempera-

perspire very little, construction of

1,000 Farm Families

Attend Genesee Picnic

lies assembled at Flint Park for the ninth annual Genesee County

Farm Bureau Picnic.

Approximately 1,000 farm fami-

The success of the event brought

chief market for gasoline, rubber,

a home coming for the surrounding community with its hometown horse race and followed by a night. It was a

tures and high relative humidity. Besides providing for the cow, the farmer should make every effort to MRS.WAGAR be that his chores are made easier. town closed in the afternoon. Far-The dairy cow requires approximers mingled with the townspeople mately 150 man-hours of labor per for a social good time. car. This is the highest of any I have no guarrel with any or-

arm animal. A simple diagram The automotive industry is the of steps-taken in doing farm chores will show where short cuts can be In placing the new barn, a number f factors should be considered. Imlong to an organization. I'm certain ortant things are: size and loca-I'd want to be a part of a democra-

ion in relation to the whole farm, he fields, roads and lanes. Drainlet live and would aim to actually ge, prevailing winds, and landearn what I expected pay for. caping are important and should e worked out before construction

much on what has been, but rather on what should be. None of us want to return to old methods-we en- Congress. ASSOCIAT'D WOMEN joyed them while they were in vogue but we all welcomed some-thing new and most always bet-many on several. Ask yourself what of the Michigan Farm Bureau for HOLD WORKSHOP

We have always said the farmer time a business man. But he really us in this hour of danger. cannot unite with either the labor

Eighty-five Farm Bureau women, epresenting county chairman and ation is too complex. Therefore it the local mole hill of disappointvice-chairman from over the state, met for a workshop conference the have his seperate organization in peril being built by our opponents. early part of August in Snyder order to work with the other two Hall, Michigan State College at groups. In my opinion we need all and your loyalty. three.

East Lansing. Farmers cannot prosper unless Accomplishments as reported by the consuming public has money to buy their produce. On the ember 1st issue of Life magazine the various groups attending the meeting included cleaning the picnic grounds trimming trees and other hand farmers are the and read "Grain Exchange." clearing brush in Emmett County; greatest single class group purchas- that our producers of grain might plac ng of "Dump No Rubbish" ing industrial production; there develop a small fraction of the infore, they must have money. Let's terest in their own business that signs along the highway in Genesnot spend our time berating either this howling frenzied mob does and see; and the raising of funds for a cancer detection clinic in Saginaw of the groups that we must rely has for just a few months less than upon, but rather let's give all one hundred years! Read it and

On a national scale, the women thought to making our own organi- then think for yourself. of Michigan Farm Bureau are spon SUGGESTS COVER soring a Mrs. Charles Sewell memorial to set up a polio research foundation fund. Mrs. Sewell is the **CROP FOR CORN** national women's director, whose son was fatally stricken with polic



A wet year, such as 1947 has been, is a good year for sewing a cover more than the way it permits its are at night. crop when corn is cultivated for the committees to function," said Samduction is the result of carefully last time. B. R. Churchill, special- uel B. Pettengill recently. He is planned breeding, disease control, ist in farm crops at Michigan State a former member of Congress from college, says that either domestic Indiana. Mr. Pettengill's further rye grass or sweet clover is good comment on the procedure of some

for this purpose. Congressional committees: "When the House or Senate meet, Domestic rye grass produces an excellent cover crop for over win-ter when sown in corn and can be plowed under the following spring tolerated. No one may interrupt

GEORGE MC CALLA WAS PROMINENT **CO-OP BUILDER**

Just now, farm co-operatives are George W. McCalla, 79, of Ypsigetting much publicity-some of it is encouraging, but much that is

erative, there were far too many long illness. lation. Too many lived off from the

when the day was many living comfortably on an which the farmer had to buy. About 25 years ago, one little as president of its board of direct-burg of less than 800 population, ors for many years.

had 17 different agencies for fertilizer. The quality was unknown, ball game, usually but the price was so out of reason that even the most unsuspecting bowery dance at farmer knew something was wrong. Organized farmers met almost day when most vicious opposition when they deof business places cided to pool their needs and purof the nearby chase a more reliable commodity at a more reasonable price. We did step on some toes when we took this

step, but it had to be done. This is only one example of what a co-opganized group of any craft. It is erative means to the farmer. Huntheir privilege and duty to them- dreds of others could be recited and selves to pool their strength and still the story would be only half influence in bettering their lives. told. My regret is that the farmer If I depended upon industrial la- did not have the foresight to make bor, I certainly would hope to be an earlier start in self-interest.

I hope you will heed the warning that it is here at hand and make tic group with a slogan of live and a thorough study the co-operative you are affiliated with. Every farmer should familiarize himself with Times have changed from the its objective and the benefits dedays gone by. Let's not harp too rived so he can assist in its defense next November when attacks on cooperatives come to a show down in

Every farmer, large or small, is

you would do if this protection was ten years. He assisted in the organsuddenly legislated out of existance. ization of the Michigan Elevator is a laboring man and at the same We want our farm women to help Exchange 25 years ago and served continuously as a member of the Quell any petty criticism you

board of directors. or industrial groups, for his situ- come in contact with. Look beyond Mr. McCalla was instrumental in forming the Ann Arbor Co-operative is almost compelling for him to ment and scan the mountainous Dairy approximately 30 years ago. He was a past chairman of the This is the time we need your help | Washtenaw County Road Commis sion, a former president of the

If you want to see what outside County Road Ass'n and a charten interests can accomplish with the member and president of the Wash tenaw County Fair Board for many vears.

Soil Conservation

Soil conservation is as impor tant to the man in town as it is to the farmer because soil is the basis of the world's food, clothes and iumber for housing.

Good crop rotation is an impor tant step in a land management program

Although only a third of the United States motor travel is at night "Nothing discredits Congress three of the every five traffic deaths

Get Your McDonald Co-op Silo Ready Dairy Growth McDonald Co-op Dairy of Flint corn expected in many parts of the reports sales of \$4,000,000 for the past year. A crowd of almost 1,000 state, silos will play an important

attended the annual meeting held part in caring for the crop. Michimanagement, including a quarter lanti, charter member of the Wash- million dollar new ice cream plant against us. We all know for years be- tenaw County Farm Bureau and expansion in Flint, the most mod-

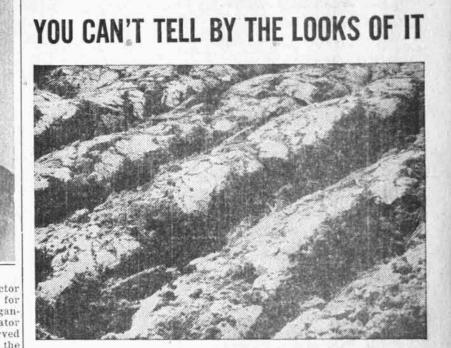
prominent farmer-businessman, died ern ice cream manufacturing estabat his farm home August 6 after a lishment in the United States. may be adhering to the walls should Members and visitors toured the For 30 years he was associated new plant., Assistant Manager W. with most of the progressive move- A. McDonald reported that the

recall the time and did the work. There were too president of the Washtenaw County ready to use this spring. The co-Farm Bureau. He was one of the operative has approximately 1,500 applied easily with a paint brush. agency handling the commodities organizers of the Ypsilanti Farm members in Genesee, Shiawassee, Bureau Elevator in 1920 and served Saginaw, Tuscola and Lapeer coun-

firms, are in automotive fields.

your new silage to spoil, so check the walls carefully. Melted paraffin to be cautious. Some of us can himself who had the investment ments of agriculture in the county and state. From 1920 to 1930 he was gressing on schedule, and would be will fill small cracks between silo Grazing by livestock is probably the worst abuse to which Michigan farm woodlots are subjected, MSC

With the large amounts of soft



The only way you can tell whether a soil is fertile is by the crops it grows or a soil test. Testing by a short chemical method is easier and quicker. It will tell before planting how much plant food the soil will make available and how much you should apply in fertilizer to get good yields and high quality.

See your agricultural adviser about having your soils tested. Most states are providing this service. You will know then how much potash (one of the

essential plant foods) your fertilizer should contain. Write us for free information and litera-

ture on the profitable fertilization of crops,

AMERICAN POTASH INSTITUTE 1155 Sixteenth St., N. W. Washington 6, D.-C. Member Companies: American Potash & Chemical Corporation Polash Company of America . United States Polash Company

Save Time - Cut Costs - with a



THREE

at the IMA auditorium in Flint, to gan State college agricultural enhear the financial reports of the gineers have some tips on silo conditioning. New silage should not be put ino the silo until the silo has had a thorough cleaning .Old silage that be scraped off. Air leaks in the silo can cause

foresters say. The animals do dam-Over 534,000 business concerns in age by breaking off branches, peelthe United States, or a sixth of all ing the bark, trampling small trees and packing the ground.



FOUR

BELL PROPOSES TO BROADEN RURAL SERVICE

Theodore H. Dawson, general development supervisor and head of business subscribers. the Michigan Bell Telephone rural program, has said that the company has plans for broadening its rural service in connection with the anplication to the public service commission for a general increase in rates for city and rural phones.

to permit rural users in most ex- An increase in overtime charges number of such calls. At present cent under the day rates, 5. Increase they run from 10 to 20 cents per in the minimum differential in percall

Surveys conducted by the tele station charges from the present 35 of feed. phone company in recent years have per cent to 40 per cent. shown that rural telephones users want to be able to call nearby com- no higher than necessary to provide of supplement to little pigs today munities at will, Mr. Dawson said. good service. The increases are ne- because there is little difference in Except for farm subscribers in 17 cessary to permit the company to the price of supplement and grain. communities where there is no large catch up with rising costs of doing area of community interest, or a business. In general, telephone nearby Bell exchange, all rural rates of today are the same as in tein should be of animal margin customers of the company would be 1937, or even lower, although the in an extended calling area and cost of almost everything used in less than 75 pounds. McMillen's re benefit by the elimination of short providing telephone service has commendations for feeding. toll charges.

Areas that would not have extended service are near the communities



While you're improving your farm for greater production, do the job for keeps, with concrete! Here's a "how to do it" smooth coat of hair. book that will help you build such essential structures as:

Barn Floors	Watering Tanks
Feeding Floors	Septic Tanks
Walks, Runways	Home Improvements
Foundations	Manure Pits
Concrete Masonry	Trench Silos
Construction	Hog Wallows
Cisterns	Soil-Saving Dams

Remember, concrete is firesafe, termiteproof, easy to work with, low in first cost, needs little upkeep, endures for renerations.

Paste on penny postal and mail PORTLAND CEMENT ASSOCIATION of: Coral, Fife Lake, Grand Haven, Hillsdale, Jonesville, Kalkaska, Labeer, Mackinac Island, Mancelona, Morley, Newberry, St. Ignace, Saulte Ste. Marie, Standish, Stephenson, Watersmeet, and West Branch. THRIVE ON FEED Mr. Dawson said the proposed in-HIGH IN PROTEIN crease over present rural rates in most cases would range from 25

Proposed changes in the intra-

risen sharply.

cents to \$1 per month for residence Little pigs thrive and make ex subscribers and 50 cents to \$2.25 for cellent gains on high protein feed

mixtures, says W. N. McMillen, extension animal husbandry special state long-distance rate schedule ist at Michigan State college. MSC are: 1. An increase of 5 cents over tests have shown that "stunting" present charges for distances be- of little pigs may be caused by ratween 10 and 112 miles. 2. Reduc- tions too low in protein.

tion in the initial calling period (be-Weaning pigs, six weeks, old, were The Bell company will propose a sent 5 minutes to 3 minutes for along with grain. The pigs fed a 14fore overtime charges) from the prenew type of extended-area service distances from 11 to 30 miles. 3. percent protein ration consumed a changes to call nearby exchanges with the same general community initial period rate. 4. Revision of of a pound per day. Pigs fed more interest without paying toll charges. the discount on night and Sunday than 20-percent protein gained more rates from the 35 per cent to 20 per than a pound a day cating about two-and-one-third pounds of feed. Three times the gain was made son-to-person rates over station-towith less than twice the amount

McMillen points out that Dawson said the new rates "are mers can well afford to feed plenty Protein needs vary according to the size of the pigs. Part of the proespecially that fed to pigs weighing

Pigs up to 75 pounds-one bag of "Revenues, of course, have gone 35 to 40 percent protein supplement up too-in fact, 2½ times the to two and one-half bags of grain. amount in 1937. But the total of all Pigs 75 to 125 pounds-one bag our costs has trebled in the same of 35 to 40 percent protein supple period. As a result, Michigan Bell's ment to four bags of grain,

return on investment has slipped Pigs 125 pounds and heavier nore than a third under the devel one bag of 35 to 40 percent protein supplement to eight bags of grain.

SEPT. CUTTING

MICHIGAN FARM NEWS

A TYPICAL FARMER'S EXPERIENCE WITH THE MICHIGAN PROPERTY TAX DURING THE YEARS 1920 THRU 1940

This real estate tax reduction didn't just happen. The Farm Bureau's legislative program aimed at relieving the excessive property tax for roads and schools is responsible for a large proportion of the relief. These gains must be protected. PROPERTY TAX FOR HIGHWAYS

1 2 3	VALUATION	STATE	COUNTY	SCHOOL	DRAIN	MEMORIAL	TOWNSHIP AT LARGE	COUNTY	ROAD	HIGHWAY	ROAD	BOND &	ROAD TAX AT LARGE	STATE	GRADER	HIGHWAY TAX	TOTAL TAX	AMOUNT LESS THAN FOR 192
1920	6,600	27.01	28.05	42.90				16.50		9.90		1				36.30	144.03	1822
1921	6,600	27.73	35.98	39.28	3.17	1.92	1 Same and a find	13.13	9.83	9.83	1.	.46			1	33.25	148.37	1.4.4.
1922	7.000	22.75	46.34	31.50	23.0		20.23	12.20	10.50	10.50	Charles I	1.16	1776	3		33.20	154.02	
1923	6,300	19.78	39.00	25.20		1 8/19	13.92	15.12	6.62	6.62		Levil 3	C.L	11.47		39.83	137.73	
1924	6,300	16.44	36.10	25.52		1	14.84	9.51	12.60	12.60	6.74		(I Stip	13.73		55.18	148.08	
1925	6,300	18.90	28.41	18.90		1	21.23		9.45	9.45	16.07	14.24	2.53		1	49.21	136.65	S.n.a.E
1926	6,300	18.08	39.82	28.35		10	26.46	100	9.45	9.45	1210	14.24	1.5		in all of	45.24	157.95	1. 1. 1.
1927	6,000	22.86	35.70	30.00			19.44		9.00	9.00	19.44	12.84	8.04		NA AN	58.32	166.32	
1928	6,000	18.36	21.78	26.40	18.24	2.5	13.14	16.80	9.00	9.00	22.38	10.68	11.02	A STAN		78.88	176.80	1. 1. 1.
929	6.000	25.50	23.40	39.84	.36		15.90		8.34	8.34	9.48	Constraint of the	8.04		13.92	70.26	175.26	1.54
930	6.000	24.96	21.72	30.00	1.26		14.88	AL 120 1110 (R.Y.	12.00	12.00	3.66	3.90	7.68	23	101-21	55.92	148.74	28.06
931	6.000	26,76	24.60	27.00			19.68	8.64	7.50	7.50		N. C.	7.44			31.08	129.12	47.68
932	5.400	21.98	26.14	27.00			16.25		2.70	2.70	1.141			3	Same	5.40	96.77	80.03
933	5,400	3.46	24.41	21.60			11.88				10.11	9.00	A	10 -1	100		61.35	115.45
934	5,400	3.62	26.41	16.20			15.25	1		1500	1.		1.1	1. A. A.	÷ 1	St 356	46.23	130.57
935	5,400		31.81	10.80	1.1	100		1213			1916				-7-1-1		42.61	134.19
936	5,400	10	31.59	16.20		100	1				1		194		S. Mary	S. 1.	47.79	129.01
937	5,400		28.46	27.00	.08		1		614		17.79	6.1	199		112	A. S. C. Y.	55.54	121.26
938	5.400	1	34.13	32.40		51	8.15	Sid		1	5 1		The second	1	10		74.68	102.12
939	5,400		33.80	27.00	211	. 1	5.40		14.1		2	1. 3. 3.	11		101		66.20	110.60
940	5,400	1	34.67	21.60	.52	1	5.41	314		1	3	all at	199			TAX, TH	62.20	114.60
						1		Le K		1.5	5.17	12	1		7.	2		
		1.	1.10		19		1						1. 1	122	126	N. 8. 34	· 新聞論語:	三月間

BUTLER HEADS PLOESER FINDS AM. INSTITUTE OF **CO-OP HEARINGS CO-OPERATION ROUGH GOING**

The first annual Michigan Rural Karl D. Butler, director of re-Congressman Walter Ploeser, re Health Conference, sponsored the search for the Co-operative G. L. F. publican of Missouri, chairman of Michigan State Medical Society in Exchange, Inc., of Ithaca, New the new committee on small busi-co-operation with 27 state organi- York, is the new president of the hogs in far advanced stages of plants to recover to stanl freezing zations, will be held September 18 American Institute of Co-operation, champion of the anti-co-operative and 19 at Michigan State college He will take office about the close forces there, has started his investigation of co-operatives. But second president of the Institute it apparently isn't going to be the since it was reorganized three happy type of hunting that he had Planned as a working conference, years ago. Raymond W. Miller, planned. president, will become Dean of Many weeks ago Mr. Ploeser ap- on that idea. Therefore newspaper

Public Relations for the Institute pointed three Congressmen to act reports of the proceedings tended had lost much of their hair. After spraying with benzene hexachloride fall may not do harm, especially if mer, of Lapeer, chairman of the washington, D. C., without changes sibly along the lines suggested by the National Tax Famility Agent three fourths of the people in

onference. Dr. E. L. Anthony, dean of Agri-ulture at Michigan State colliger culture at Michigan State college, will speak at the opening session at 1:30 p. m. in Fairchild Theatre. American Institute of Co-operation at 1:30 p. m. in Fairchild Theatre. American Institute of Co-operation Many outstanding authorities on August 30 to September 3, 1948. democrat of Texas, and a most vig- He denounced the committee proceorous defender of co-operatives, an-nounced that as a member of the California. ural health, education, govern- This announcement was made to ment will speak. Round table dis- the 2,000 visitors taking part in House Small Business Committee cussions with medical specialists the week-long session at Fort Colin charge will be among the fea- lins, Col., in late August. Quentin he would attend all of Ploeser's hearings. Patman was chairman Reynolds, general manager of Eastern States Farmers' Exchange of West Springfield, Massachusetts, will be the 1948 program chairman. Dr. Butler is 37 years old. He

Here's a tip on keeping the soil covered from Leonard Braamse, Ard-the source operatives and attend the University of the Covered form Leonard Braamse, Ard-the covered from Leonard Braamse, Ard-the Covered form Leonard Braamse, Ard-the Coverent for the University of the Coverence operatives and the Coverence operatives were operating the Source operation of the Coverence operation operation of the Coverence operation operation of the Coverence operation op Dr Rutlor has h

that co-operatives were operating them.

so Ploeser appointed him to the committee, emphasizing that he might not be a permanent member After two days of testimony, the Ploeser committee marched out tor stockholders: minds of many newspaper correspondents as a prosecutor of co-op-

erative enterprise. It went in there determined to hang a "mo-

nopoly" tag on a particular co-op-

year ending June 30, 1947, amounted to \$16,908,816 compared to \$11,097,022 the previous year, an increase of \$5,811,814."

the earnings belonging to the co operative elevator members were also the largest ever.

Mr. Wellman emphasized the importance of farm co-operatives recognizing that they are in a fight to the finish with those groups who would destroy them.



Business Committee office issued a lengthy press release stating that The annual petroleum dealers' of the House Small Business could mittee in the last Congress that heard all NTEA's' complaints. The committee issued a bulky report. detailing all charges and replies. The index present law such patronage divi-tive enjoys a "complete monopoly" and attacked the exemption from federal income of patronage divi-dends paid by the co-operative. Fortage Point Inn, Onekama, Mich-igan Sept. 15 and 16 according to was born and grew up on a dairy It stated that in its judgment the Under present law such patronage igan Sept. 15 and 16 according to



HAS BEST YEAR At the 27th annual meeting of

SATURDAY, SEPTEMBER 6, 1947

he Michigan Elevator Exchange at Lansing Sept. 3, General Manager Stanley Wellman told the representatives of 95 co-operative eleva

"The gross proceeds of market-ing produce for patrons for the

This is the largest business for any year in the history of the Ex-change. Mr. Wellman said that

President Milton Burkholder and



the Greenbelt Consumers Co-opera-

tend the affair.



Benzene hexachloride has been The alfalfa plant needs five or six found to give excellent results in weeks growing time after cutting to mange control and in killing hog get back into proper condition for Tests were made in Hillsdale plants to recover to stand freezing and St. Joseph counties with some ber will not leave time for the Harry Moxley of the college animal cannot manufacture more food, so at East Lansing. The Michigan of the year and will become the husbandry department is a pen of if the plants are not sufficiently Farm Bureau is co-operating. Harry Moxley of the college animal cannot manufacture more food, so pigs on the Wallace Godfrey farm strong, winter killing may result. it Jonesville. The animals were in While pasturing or cutting of the two-day session will seek to far advanced stages of mange with alfalfa during September is danger- improve health standards and exthickened and wrinkled skin and ous, Dr. Dexter advises a limited pand medical facilities in farm

within five weeks had grown a to store food in the roots before frost.

USE.... FRANCE AGSTONE

Lime your fields now to insure greater

production.

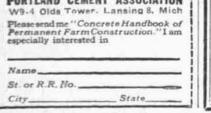
FRANCE AGSTONE has been aiding production successfully for over 25

RURAL HEALTH CONFERENCE SEPT. 18-19

ures of the conference.

Think Before

You Plow



Plant located just south of the city limits of Monroe, on US-25.

THE FRANCE STONE COMPANY MONROE, MICHIGAN

Before plowing crop residues un- the Co-operative G.L.F. Exchange der, determine whethel they can in contact work with research peo be used better for erosion control ... ple in land grant colleges and in-possibly for over winter protection dustry, in educational work, and at on a roll or slope. In other words, if you have rolling or hilly fields, G. L. F. if you have rolling or hilly fields subject to water erosion or fields

subject to wind erosion . . . refrain from fall plowing them.

There are better than 41,300 motor trucks on farms in Michigan.



In This Class of FARM FREEZER

Hundreds of Co-op 6 cubic foot farm freezer owners are finding this to be a fact. This Co-op 6 foot farm freezer means yeararound good eating for the whole family-and at the lowest cost. It has six outstanding advantages. Organized food compartment, illumination, safety signal, 41/2 inch insulation, efficiency, and appearance.



Compare - PRICE - QUALITY - SERVICE

For those desiring a larger type freezer, the following chest types and uprights are also best buys:

Co-op 8 or 16 cubic ft. chest type - Unico 15 or 30 cu. ft. upright



Electrical Dept.

Just write "FREE FREEZING GUIDE" on a penny post card together with your name and address and we will send you a handy and informative "Preservation of Fruits and Vegetables by Freezing" chart published by Michigan State College Extension Depart-

Lansing, Mich.

SEE OUR COMPLETE LINE OF APPLIANCES at Your Local Farm Bureau Dealer

FARM BUREAU SERVICES INC. 221 N. Cedar St.

It Costs Less to Build with Unico

LAMINATED RAFTERS

Unico Laminated Wood Rafters are engineered for immediate erection, which means low cost construction. They can be used to construct farm buildings of almost any size to serve many purposes. Maintenance and upkeep are kept at a minimum as there is no rust, corrosion or sag. Stop in for complete information.

Sold by

Your Local Farm Bureau or Co-op Dealer

FARM BUREAU SERVICES, Inc. Farm Equipment Division 221 N. Cedar St., Lansing



Jet turbine pumps usually deliver considerably more water than a plunger pump with an equal size motor. They are noiseless-no belts, gears, valves, rods or cylinders or cup leathers to cause trouble and repair bills. No moving part in the well. Install anywhere. Co-op deep well jet pumps are now available. Consider the advantages in a jet pump:

- 1-One moving part-the bronze impeller 6-Sealed motor bearings-grease packed with its stainless steel shaft. Cuts service and maintenance costs.
- 2-Quiet operation.
- 3-Unrivaled economy in use.
- 4-Adaptable to hundreds of installations: deep wells to 80 feet; over-the-well, or in the basement installations.
- 5-Pump itself has no bearings-no lubrication is necessary.
- for life. 7-Glass lined venturi-reduces wear and
- friction-loss to flow of water. Gives greater volume of water per horsepower. Saves on electrical consumption.
- 8-Dependability, economy and quietness or operation put these Co-op jet pumps ahead.

SOLD BY YOUR LOCAL FARM BUREAU DEALER FARM BUREAU SERVICES, Inc.

Farm Electrical Dep't

221 N. Cedar St.

Lansing 4, Michigan

SATURDAY, SEPTEMBER 6: 1947

Community Farm Bureau Activities

MRS. MARJORIE KARKER co-operatives of southern Michigan. In these summary reports of Com-, The tour was the prize won.

munity Farm Bureau meetings the name of the group the county and Group very much opposed to openmunity Farm Bureau meetings the the number in attendance are given ing Leelanau county for hunting in that order. of deer by archers, season to open

Niles, Berrien-19, Trooper Frederick of the Michigan State Police test to the Conservation Department ost was guest speaker. His topic regarding this. Some reasons given was traffic laws, state police pro-tection for farmers and how to avoid accidents on highways.

A. C. Sparkies, Kalamazoo-20. In discussing rural-urban relationips this group decided that too ch publicity is given to increases in farm prices and not enough to

e factors causing the increases. hey think Farm Bureau should ake known the other "side of the ory. Stone Corners, Kent-11. Group

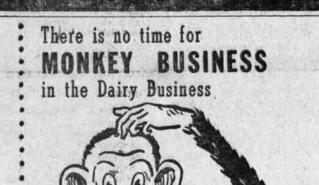
believes that most magazines and papers emphasize the profits made specialists in agriculture rather



AGENTS WANTED

The Insurance Department of the Michigan State Farm Bureau has many openings for agents to represent the State Farm Insurance Companies in Michigan. We would appreciate hearing from any of our Michigan Farm News readers if they are interested in talking the proposition over with one of our managers. It would be very helpful to us if any of our readers would suggest the names of likely agent prospects in their nearby clties and towns. The remuneration is good. This is a particularly good time to start. Address your inquiry to

INSURANCE DEP'T . MICHIGAN STATE FARM BUREAU Lansing, Michigan 221 North Cedar St. P. O. Box 960



than the income and expense of the average farmer. Shelby, Oceana-16. Cecil Kerr who recently won a prize in a State Contest sponsored by the Michigan Assn'n of Farmer Co-operatives told about the tour taken through

October 1st, and sent a letter of proyoung stock up off from range too early and that the deer herds in this country were not sufficiently large and were not doing enough damage to warrant this action.

Porcupine Lake, Otsego. Group discussed the topic of how farmers could better advertise and make city people conscious of the farmer's problems. It was suggested among other things that the farmer

advertise in the local paper the price he actually receives for commodities sold; also that beer and tobacco signs on barns be replaced by advertising about milk, produce and

meat. Girard, Branch-49, Group moved to pay \$1.00 each toward the expenses of each boy or girl from this group who attends 4-H camp.

California-Branch - 35. It was decided by this group that the Farm Bureau should take an active part in the problem of farm surpluses up residence on the farm he had and suggested that a policy-forming owned in Berrien county for 30 agency should be established and that the policy on surpluses should should be flexible enough to change with conditions. They also added that government money for sur pluses should be spent for school lunches and to feed the lower-in-Bureau and Grange for many years. to the task. come groups.

Kilmanagh, Huron-19. A map showing the location of raw materials for fertilizer manufacture was studied and the importance of fertilizer plants at strategic points were revealed.

relationships in regard to the high Reman, Newaygo-16. Group decost of living, this group instructcided to paint mailboxes on Septemed their secretary to contact Mr.



Eugene Brooks, one time Roll has been secretary and county or Call manager for Midland county, ganization director for Berrien County Farm Bureau since May 1.

For many years Mr. Artman was a ization Director for Saginaw. professor on the staff of the Uni-versity of Chicago. When he took record in Farm Bureau work, He assisted Fred Reimer, district man cern. Assuming his duties in June, years, he also became pastor of a is now doing excellent work for church at Three Oaks. He is a Saginaw County Farm Bureau. Mr. mission for a discussion of rural strong believer in community or. Brooks' prime responsibility is to mission for a discussion of rural assist the Saginaw Farm Bureau highways that attracted considerganization and citizen education. assist the Saginaw raine bur pro-He has been a member of the Farm gram by devoting his full time work ment.

ber 2nd. All men able to help are der an agricultural board to be made the Farm Bureau. up principally of individuals ento meet at the church corner. Coldwater, Isabella. After dis- gaged in farming or agricultural cussing the problem on rural-urban pursuits.

Bellevue No. 1, Eaton-19. During the discussion on farm surpluses one member made the remark Marshall Wells of radio station that if some new farm machinery ed in October. WJR and ask him to stress the farwas not forthcoming soon we would

mers' side of this problem over the not have to wory about farm surpluses because there wouldn't be Henrietta-Waterloo, Jackson-30. any. Miss Hansen, home demonstration Lansing, Delhi, Ingham. Mr. Hutchins of the Michigan Millers

agent, showed a picture and gave a talk on frozen foods and their preparation which was enjoyed by all present.

Lenawee - 350. This on fires which he said were usuall Clinton, group was hosts to Farm Bureau caused by carelessness and neglect people of Washtenaw and Lenawee Forest Bay, Huron-27. Mr. Ro counties, Marshall Wells of WJR man Booms, chairman of the board snoke of the Ruth Co-op gave a talk o

No. 1, Genesce-22. Group sent the part a co-operative plays in the letters of commendation to Repre- farmers' marketing program. sentatives Blackney and Crawford and to Senators Ferguson and Vandenburg for their stand on the Taft-Hartley Bill.

Porter, Gratiot-21. Group will Kloha as alternate. sponser a clothes hanging and N. E. Rolland, isa N. E. Rolland, Isabella-23. Fo trailer backing contest at the Gra- lowing a discussion of dangerous intiot County picnic and Field Day. tersections in the county, the group Silver Lake, Gratiot-14. Mrs. wrote the county road commission

Lather reported on the Farm Bur- suggesting that brush be cleared fore use, a chlorine rinse or other eau women's camp held 'at Torch away as soon as possible. Chapin, Saginaw-44. Group is Lake in June. After her report the group voted to have a box social to holding a box social to raise money raise the money to pay the expenses to buy a cook stove for the com of Mrs. Lather's trip to camp. - munity hall, a place used by all

Townline, Van Buren-17. Reso- groups within the community. lution passed by group that all state amendments pertaining to appropri-group met with Mr. & Mrs. Earl ations of money carry a clause con- Dickerson August 19 to discuss how taining amount to be raised and better relations can be had between proposal of how it should be raised, rural and urban people. Refresh-Tuttle Hill, Washtenaw-16. This ments centered around a corn roast

group would like to have other Com- Officers elected: Jim Streator, munity Farm Bureaus discuss the chairman; Tom Lound, vice-chair man; Mrs. Mary Lound, secretary; "Can the telephone comsubject. panies give us better service at in- Fritz Kunde, discussion leader; Paul Robert, ass't discussion lead creased rates? Plymouth, Wayne-16. Group er; L. D. Dickerson, recreation went on record as favoring that leader; Mrs. Ruth Schneider, pubsoil conservation practices be con- licity chairman; Mrs. Hazel Hertrolled by the U.S. government un- bert, representative of Women of

in that area, with the forming of Mr. Godin arranged a meeting becommunity groups in Midland, and tween members of the County Farm

marketing. MORE AND BETTER Blumfield, Beuna Vista-Saginaw-30. Mrs. Fred Miller reported that

she had turned in the \$305 raised by this group for the Saginaw County Cancer Detection Center and that the Detection Center would be open

Isadore,-Leelanau-9. Group went and legumes' ecord as favoring the transportation of all non-public school chil-Iren to and from school.

East Hersey, Osceola-125. Our group met with Cat Creek, South Richmond, and Townline east Mutual Fire Insurance Company groups at the gymnasium in Hermet with the group and gave a fine ey. Mr. Richmond of Mt. Pleasant talk on safety, bearing particularly poke on the Blue Cross hospitalizaion plan.

> **Clean Utensils** For Clean Milk

Frankenlust, Bay - 12. Mrs. Adolph Begick was elected as a re-State college extension dairyman, presentative to the Bay County Woas the cause of a large amount of men's Committee with Mrs. Roland bacteria getting in milk.

used.

A good near-neutral dairy cleaner should be used, and all surfaces of the equipment should be cleaned. The equipment should be stored in a clean place during the day. Bemeans of sterilization should be

BUSKIRK IN **GROUP TO AID GRAPE INDUSTRY**

Governor Sigler has appointed a I E. Buskirk, president of the Michigan Grape Growers Ass'n, and Owen J. Cleary, chairman of the state liquor control commission, to need an advisory group to plan legislation to help the Michigan wine industry and Michigan grape producers out of a ruinous competitive situation with California wine makers. At a hearing before Governor

Sigler, it was said that the law Mastitis limiting Michigan wine makers to Drug treatment, even though ef making wines of not more than ective, is only a help in control-16% alcoholic content is the root ing mastitis; no dairyman should of the trouble and should be reealed. Michigan wines cannot be sold in competition with California wines of 20% alcholic content on Moreover, California is able more. to price its 20% wines under Michumber in the United States are igan wines, in part, because they

are not subject to our state tax. Mr. Buskirk said that only 10% of Michigan's 1946 wine production has been sold because of the pres-

Leo M. Godin of Gobles, R-1, has ent situation. State wineries are been employed by Van Buren Coun- overstocked and may not be in the was recently employed by the Sagi- ty Farm Bureau as full time secre- market for this year's grape crop naw County Farm Bureau as Organ- tary and organization director. For He said that perhaps 25,000 tons a number of years Mr. Godin was of the 1947 grape crop anticipated at 45,000 tons may be without a tons may be without a Some 30,000 acres of grapes in Michigan have been mar keted to nine wineries which nor mally use 50 per cent of the entire

crop. Mr. Buskirk is president of the Michigan Farm Bureau, vice-president of the Farm Bureau Fruit Products Company, and is a mem committee on fruit and vegetable



State college extension service in co-operation with other agencies To carry out this program a dozen demonstration farms in all parts of the state are being planned. Next summer demonstrations will

be held on each of these farms to show what can be done with mod ern practices and machinery to make grass farming not only soi saving, but more practical.

Grass and legumes have long been recognized as the backbone Improperly cleaned utensils are of good farming, but during the era listed by D. L. Murray, Michigan of high prices for cash crops, land adapted to grass and legumes has been devoted to other uses.

Demonstration farms have been chosen in the counties of Alcona Grand Traverse, Osceola, Mus kegon, Ionia, Van Buren, Lenawee Oakland, and Tuscola. The com mittee also hopes to pick three farms in the upper peninsula.

Buy Farm Bureau Seeds.

germs (including Bang's disease) and to make walls snow white. Never use hydrated lime-it destroys DDT. Carbola-Other DDT Products By

Employed for 31 years by leading dairy farmers, poultry raisers, experiment stations. Costs only 3 cts. to treat 25 sq. ft. Hardware, Feed, Seed, Drug, Farm Stores

1 lb. 25c, 5 lb. 75c, 10 lb. \$1.25 25 lb. \$2.75, 50 lb. \$4.85

CARBOLA CHEMICAL CO., Inc. Natural Bridge 149 N.Y.



Sisson Succeeds Implement Dealers Hold Freiberg as Manager Conference Sept. 12-14

Douglas Sisson of Gaylord was elected manager of the Otsego County Co-operative Association at the 29th annual meeting of stockholders at Gaylord the latter part of August.

Sisson replaces Chris Freiberg, The field representatives of the of Gaylord, who resigned this year Farm Equipment Division of Farm after holding the position for the Bureau Services are holding a two past 17 years. day meeting prior to the conference. The financial report for the past Implement dealers will register year revealed gross sales of \$131,077

with total assets, including fixed All of the farm implement dealproperties, of \$34,996. Officials said rs have been invited and it is ex this was one of the finest-years in pected that approximately 200 will history of the organization.

Meat

Farm Implement dealers of Farm

Bureau Services Inc. are schedul-ed to hold their annual two-day con-

ference at Portage Point Inn, Por-

tage Point, Onekama, Michigan

Sept. 12, 13 and 14.

Friday, Sept. 12.

ttend.

Less feed would not mean less meat in 1947. The cut will come in 1948

onsider it a substitute for prope A "boarding" hen costs 40 cents anitary practices and management. month to feed. If she is not pro-Three quarters of all logs and

ducing a dozen eggs a month, she will make the farmer more money as a Sunday dinner.



IT'S MORE THAN ORDINARY DDT

It's a Disinfectant, DDT and White Paint all in one Why spend money and labor on two separate, trouble-, some, expensive jobs when Carbola-DDT

DOES THREE NECESSARY JOBS more completely, and with longer lasting effectiveness, in ONE EASY LOWER COST OPERATION (1) KILLS FLIES (2) KILLS DISEASE GERMS

(3) GIVES WHITE WALLS

Kills spiders, 90% less cobwebs for 8 to 10 months.) - Better sanitation. Lower bacteria.

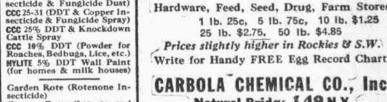
DO AS THOUSANDS OF FARMERS ARE DOING: Why waste time getting your barn ready and pay money for two labor jobs-first for whitewashing, then DDT? Save labor costs and work with Carbola-DDT to kill flies, spiders, disease



DDT contains no lime.

Prices slightly higher in Rockies & S.W. Write for Handy FREE Egg Record Chart.

Garden Rote (Rotenone In-Copper Rote (Insects and Blight) Established 1916





County Farm Bureau Organization Directors

We introduce to Farm Bureau members three of the full time county organization directors hired by County Farm Bureaus. We shall present others now working as soon as we can get a photograph. These men have been hired to help develop the County Farm Bureau programs.

Market your milk and cream with a Mid-West Member Producer Creamery, where you can earn more . . . where you as a producer become a part and reveive the benefit of an organized business working for your est interests.

The laughable antics of the anthropoids (monkeys, that is) provide a poor parallel to the many problems of marketing dairy products, maintaining adequate laboratory control and purchasing supplies at a savings, which are services provided by Mid-West Producers' Creameries, Inc. . . the problems and details of marketing a variety of dairy products from 24 member-producer owned dairy plants, representing thousands of producers, require study, judgment and an understanding of market conditions . . . membership in any one of the 24 cooperative dairy plants which together make up Mid-West. assures each member-producer of the highest possible price, for his milk or cream.

These Dairy Products of Proven Consumer Acceptance bear the Valley Lea trade name



Butter . . . Cheese . . . Evap-orated Milk . . . Roller or Spray Process Non-Fat Milk . . . Condensed Dairy Products Buttermilk Powder . . . Sweet Cream

Cooperative Marketing Brings ^{\$} High Dollar ^{\$} Marketing ; Mid - West Producers' Creameries, Inc. 224 WEST JEFFERSON BOULEVARD, SOUTH BEND 2. INDIANA

A group of 24 producer-owned cooperative dairy plants extending from the expansive meadows of Michigan to the lush valleys of Tennessee and all the way in between.

MICHIGAN CHIGAN Coldwater-Coldwater Dairy Company Constantine-Constantine Coop. Cry. Co. Carson City-Dairyland Coop. Cry. Co. Elsie-Elsie Cooperative Creamery Co. East Jordan Valley Coop. Cry. Fremont-Fremont Cooperative Cry. Co. Grant-Grant Cooperative Cry. Co. Mashville-Farmers Cooperative Cry. Assn. Niles-Producer's Cooperative Dairy St. Louis-St. Louis Cooperative Cry. Co. INDIANA Columbus-Farmers Marketing Assn. Crawfordsville-Farmers' Coop. Cry., Inc. Middlebury-Middlebury Coop. Cry. Co. Marion-Producers Creamery Orleans-Producers Dairy Mkt. Assn., Inc.) Portland-Producers Creamery NN FECTER TENNESSEE Gallatin-Sumner Co. Coop. Cry. Assn. Murfreesboro-Rutherford Co. Coop. Cry. Nolensville-Nolensville Coop. Cry. Assn. OHIO Dayton-Minmi Valley Cooperative Milk Producers Assn., Inc. Greenville-Farmers Cooperative Dairy ILLINOIS Pana - Equity-Union Cry. & Produce Co. Paris - Equity-Union Cry. & Produce Co. Atwood - Atwood Coop. Creamery, Inc.



SATISFY

More than 26,000 Michigan producers already benefit by the ORGANIZED, CO-OPERATIVE SELLING program of MICHIGAN LIVE STOCK EXCHANGE, which gives Sales That Satisfy:

- Expert salesmen who know live stock values.
- Special attention to small consignments.
- All live stock on consignment-no speculation.
- Immediate payment guaranteed by \$285,000 bond.
- Top buyers eager for the quality meat of Michigan live stock fed for market on Michigan grain.
- Consign your next shipment to Michigan Live Stock Exchange.

ICHIGAN LIVE STOCK EXCHANGE The Producer Owned and Controlled Selling Agency DETROIT STOCK YARDS

Carbola Chemical Co.

CCC 3% DDT Garden Dust

CCC 25% DDT Garden Spray

CCC 3-6 (DDT & Copper In-secticide & Fungicide Dust)

As Farm Bureau members you are majority owners, as well as founders, of the Farm Bureau Services, Inc.

Because of the need for guaranteed, top quality seed the original Farm Bureau members started a seed department.

They wanted "open formula" feeds to know what they were buying so a feed department was organized with Milkmaker, then Mermashes and Porkmakers, etc.

These departments grew into the Farm Bureau Services with all the many services that good farmers want and need. You are still the owner and parents of the "Services". It exists only because of you and to serve you.

And Look at This Record!

YOUR "Services" own stock, and get such share of savings as your purchases earn, (and these savings belong to you) of the following co-operatively owned manufacturing plants:

FARM BUREAU MILLING COMPANY-Hammond, Indiana

PAINT PLANT-Alliance, Ohio

BARN EQUIPMENT PLANT-Alliance, Ohio

OIL BLENDING PLANTS-Indianapolis, Ind. and Warrren, Pa. MILKING MACHINE FACTORY-Waukesha, Wisconsin TRACTOR PLANT-Shelbyville, Indiana FARM MACHINERY FACTORY-Bellevue, Ohio SEED PROCESSING PLANT-Fort Wayne, Indiana

YOUR share of the earnings from these co-operative enterprises is determined by your purchases of the commodities manufactured. Earnings go up as rapidly as volume efficency appears.

FARMERS! WHY DELUDE YOURSELF?

In your hands, Farm Bureau members, is the answer as to how much value your "Services" can be to you. Your dollar can be spent to build earnings and factories for others, or you can spend it to build earnings and factories for vourself and your fellow members. It's your choice.

> Your co-operatively manufactured feeds, seeds, machinery, paints, oils and greases, etc., have no superiors. They are yours and work for you.

BUY OPEN FORMULA FARM BUREAU QUALITY FEEDS

MERMASH - MILKMAKERS - PORKMAKERS

AT YOUR LOCAL FARM BUREAU FEED DEALER

FARM BUREAU SERVICES, INC.

Feed Department

221 N. C edar St.

Lansing, Michigan

SATURDAY, SEPTEMBER 6, 1947



Background Material for Discussion in September by Community Farm Bureau Groups

By NORMAN K. WAGGONER. Research and Education

Upon first thought this will appear to be a question when disease loss in the nation's with an obvious answer, but let us stop right here and laying flocks totals over a hundred million dollars a year ask ourselves some questions:

Are we willing to make the sacrifices which are neces- clean and disinfect the laying house sary to make democracy work?

. Are we willing to put forth the time and effort to make house your pullets. Put the pullets a careful analysis of candidates and other measures appearing on the ballot?

Are we willing to give of our time and effort to intelligently cast our ballot or to take positions of responsibility in local government or even positions of responsibility in our own farm organizations?

Another question we might well ask is this: If we are eliminate the poorer birds. willing to assume the necessary responsibilities to make democracy work, do we actually do it?

It must be remembered that democracy is not a gift from Heaven. It is something that must be earned, just dition just as soon as they can be as we must be willing to make sacrifices in order to have recognized. Kill chronically and Jordan Valley Milk an automobile, a home, or even our family. Perhaps everyone wants these necessities in life and is willing to disease in your flock, get your vetmake the necessary sacrifices of time and effort in order to obtain them. We do not expect that anyone would clinic located in the department of bacteriology for a diagnosis. do it for us. Likewise, if we truly want democracy, we must be willing to make sacrifices of time and effort in YAEGER URGES order to have it and to maintain it.

There is reason to believe that . we want democracy because: When or our own farm organization, the our forefathers came to American great masses of people are willing shores 327 years ago, they left most to stand back and "let George do of their possessions behind them it.' and came to an entirely new coun-They came because they were criticize the operations of the local

cratic way of life. This should be where policies are determined? dation of thinking in terms of democracy.

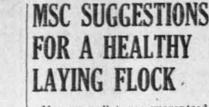
Heve that our desire for democracy good ideas in the past have been bers at Maple Isle the early part is sincere when we consider that stated on the street corner, at auc- of August. 350,000 young men and women of tion sales or at other gatherings the present generation gave their that have never been channeled ing half of some American crops. lives during World War II to make through to the point where it would When this vast export ceases, there a place in the world for democracy. prove beneficial to the entire or are possibilities of great surpluses More than 9,000 of them came from ganization.

Michigan. From this we might infer a substantial portion of our popu- cans truly want democracy and leaves off. lation. We must not forget that this want it enough to make the necesstruggle for democracy cost every sary sacrifices to maintain it. man, woman and child in America \$2,410 thus far, and the price has want democracy; that we would acnot all been paid. A quarter of a cept, nothing else; that we would came from Michigan, gave their at the same time we have volumes

lives to make the world safe for of evidence of the passiveness which democracy. Then we paid \$175 per sounds the death knell to democracy capita for our privilege to continue (itself.

It must be remembered that atto live in a democracy." Without a doubt, if one were to titudes are far stronger than words. interview the people on the street. If democracy is going to continue, in the shops, or in the harvest field. we must be actively willing to do more than just SAY we want demalmost 100% would say they would be willing to accept no other form ocracy.

government than democracy This might lead one to believe that our people are solidly behind dem-



If every pullet was guaranteed to give her owner a couple hundred eggs the first laying year . . . what a life poultry farming would be! It doesn't work that way though

MSC poultry specialists recommend that you always thoroughly before housing pullets. If you have just one laying house, sell all your hens at least a month before you

in a clean house, giving them at least three square feet of floor space R-2, has been employed by the Mich-. . with deep dry litter . . separat-ed from all other poultry by at

igan Farm Bureau as a district re presentative for District No. 3, inleast 200 feet when possible. luding Livingston, Macomb, Oak-Don't waste your time and money land, Wayne and Washtenaw counon poorly developed pullets. They ties. Mr. Gardner is working with lay few eggs and pick up disease easily. It's a good practice to rear at least 25 percent more pullets than you intend to house so you can Keep visitors out of the laying and insist that all hired hands use sanitary precautions to prevent them from bringing disease

into your flock. Cull birds which are out of condeeply any dead bird the very day that chicken dies. If you spot any erinarian immediately, or contact the Michigan State college poultry to better serve its members. The East Jordan organization has pre-



With the present national price program scheduled to expire Dec. program or a continuation of the proof of the strength of our foun- This might also apply to the opera- present one. Jack Yaeger, assisttion of a local farmer's co-operative. ant executive secretary of the Mich-It could also be well applied to the igan Farm Bureau, told 585 Van-We have further reason to be- membership in farm Bureau, Many Buren County Farm Bureau mem-

at home and no regulations to curb

From the information presented them if something isn't done to that democracy means life itself to here it is not clear whether Ameri- take up where the price program

The Decatur, Hamilton and Keeler Farm Bureaus are co-operating

Produce exhibits will be held in Spraying equipment used to apply the township hall. A flower show 2,4-D must be cleaned thoroughly will be held in the village hall. Pa-before it is used to apply other types rade, shooting exhibition, horse

PRESQUE ISLE CO. **MAKES GOAL**

MICHIGAN FARM NEWS

FOR 1947 With the 1947 fiscal year drawing to a close and still short from Posen, Michigan challenged members of the Presque Isle County Farm Bureau to recruit the requir-The community group has raised number of new members.

the top with Harold Terry of Rogost new members. This made every county in dis- from the sheriff's office and state

trict ten 100 per dent of their goal police. Those behind the plan



ed \$100 to open the campaign and Taking up the challenge the mem- are offering \$25 rewards for the

They have secured the co-operaand have been assured assistance

The East Orion Farm Bureau has

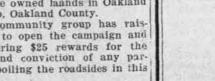
and state owned laands in Oakland

bership formed four-man teams and arrest and conviction of any paret out to complete the job. Within ties despoiling the roadsides in this few days the County went over manner.

ers City and his team getting the tion of the county road commission

inauguarated a movement to de attaining the 1947 membership roll something about dumping the rubcall goal, President Earl Grambau bish and garbage along roadside

DUMPING RUBBISH





able, and they propose to make their township an unhealthy place for the cleanup movement.

Always the Right Kind of

LIFE INSURANCE with the

"TRIPLETS"

Howard Wilson is president of Buy Farm Bureau Feeds.

for such offenders.

OUT OF A NEW IDEA born at State Farm Life Insurance Company there has come this Triplet Estate Plan, which guarantees that a man can never have the wrong kind of insurance.

THERE'S NOTHING ELSE LIKE IT! Now, under one contract, you can get every basic kind of life insurance coverage, from death protection up to savings and retirement. All three basic kinds of insurance-(1) Ordinary Life, (2) Payment Life, (3) Endowment-are included under one contract in the Triplet Estate Plan.

LET US SHOW YOU how to take the guesswork out of insurance buying. Investigate this amazing plan today.

> SEE YOUR LOCAL AGENT Write Michigan Farm Bureau, State Agent, 221 North Cedar St., Lansing 4, Michigan

> > Representing /

STATE FARM LIFE INSURANCE CO. Home Office: Bloomington, Ill.

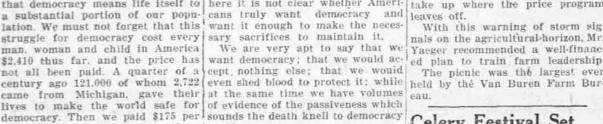
Feedlots Are Food Factories

Now, with the approach of fall, the endless streams of cattle and lambs flow down out of the high summer pastures. Last spring's pigs soon will be or the way to market. The sorting lots and corrals will soon be busy.

In the valleys and plains the feedlots begin to fill. They dam back some of this fall flood of animals ... You who feed livestock know well how important this is. You realize that it helps avoid periods of glut and scarcity, by stretching out, over months, the time of marketing. You know, too, how such year 'round marketing serves to lessen big "feast-or-famine" price fluctuations. And who should understand better than you how the feedlots of America add millions of pounds to the nation's meat supply? Feedlots save for the land much of the fertility which the selling of grain crops and hay would take out of the land. For example, you sell a steer that has gained 500 pounds in your feedlot. You are selling off your land only about 121/2 pounds of nitrogen, 3 pounds of phosphorus, 1 pound of potash, which his body has absorbed out of your feeds. But suppose you were to sell as cash crops the grain and hay which you put into that steer. Then you would deplete your soil of about seven times as much nitrogen, four times as much phos-

phorus, and twenty times as much potash. Keeping the soil fertile through use of manure from livestock is only one factor in judging

New "Slant" Saves Pigs



For Sept. 25-27

in the sponsorship of the annual celery festival to be held at Decatury Sept. 25, 26 and 27.

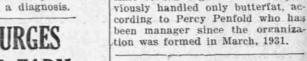
LEADERSHIP Why is it that frequently people convinced that they could be satis- school, yet they are never heard 31, 1948, farm groups should be fied with none other than the demo- or even seen at the annual meeting alert to express themselves on a new

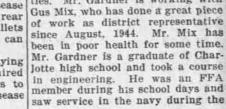
Huge European exports are tak

With this warning of storm sig

nals on the agricultural-horizon, Mr Yaeger recommended a well-finance ed plan to train farm leadership The picnic was the largest ever

Celery Festival Set





Processing Plant

Jordan Valley Co-op Creamery

board of directors has voted to

portable. Many uses. Just plug in Safe . . . Underwriters' Approved.

water in a hurry! 1500 watts cost. Guaranteed. Ask dealer of e direct for FREE bookiet.

THE NATIONAL IDEAL COMPANY

Gaylord E. Gardner of Charlotte,

and the entire district 110 per cent point out that more funds are avail- the East Orion Farm Bureau. Mrs

WOULD STOP

of its goal.

ocracy and are willing to suppor it, even with life itself.

One might question whether we really want democracy when we consider that: A generation ago holding a public office was considered an honor and an office holder held the respect of his community. At every election there were several candidates for almost every public office, and on election day almost every qualified voter cast his ballot. Election day was looked upon as one of the really big days of the year. Consider that with the apparent lack of interest in holding such an office of responsibility at present. People frequently have to be urged to accept certain public offices in local elections and even to accept small responsibilities in their own organizations. One might well stop and ask, "Do we want democracy?"

In one community in western Michigan in which there are 68,000 registered voters, less than 25% cast their ballots last spring. In another community in northwestern Michigan in which there are approximately 6,000 qualified voters, less than half of them exercised this privilege. In another community in Northern Michigan in which there are over 2,500 qualified electors, slightly over 20% took advantage of this democratic privilege.

In another city in south central Michigan in which there are over 51,000 registered voters only 9% exercised their responsibilities at the polls last spring.

Somebody once said, "You never miss the water until the well runs dry." How true this is! It would be interesting to know how vocal the opposition would become if those who never cast their ballots were to be told that they were to be deprived of the privilege of voting. In view of this information, we might readily consider the situation to be a serious one and immediately ask ourselves, "Do we want democracy?

The pages of history are filled with the experiences of countries which at one time had a democratic form of government. It seemed to work out to some degree of satisfaction until this same negligence and disinterested attitude overtook the people. Then when economic conditions became adverse some radical leader was able to rise among them and secure a following. Shortly thereafter a radical change resulted in their form of government. Are we safe in saying, "It can't happen here?"

We might well stop and ask ourselves, why is it that the same small group of people carry the responsibility that goes with demo-cracy? Whether it be in matters concerning government, the church,

of sprays. Useful plants can be pulling contest, ball games and killed or seriously injured by the other entertainment will be featured throughout the three-day affair 2,4-D residue.





The warm dry weather of September is ideal for § painting. This applies especially to barns and outbuildings, which will look like new after a coat or two of Unico Bright Red Barn Paint.

Now that Unico Bright Red Barn Paint is plentiful, don't let your buildings deteriorate. Unico's durability and attractiveness are yours at economically low cost. Take your paint problems to your local Farm Bureau Paint dealer for free advise and estimates. For metal roofs, zinc metal paint will add years of life to your buildings. Available in three colors: gray, green and red.



durability For a Complete Line of Paints See Your Local Farm Bureau Dealer FARM BUREAU SERVICES, Inc. 221 N. Cedar St. Paint Dept. Lansing, Mich.

Martha Logan's Recipe for SAUSAGE AND LIMA BEAN CASSEROLE

1 pound pure pork sausage 11/2 cups dried lima beans (31/2 cups cooked) 3 cups hot water

1/4 cup chopped onion 1/4 teaspoon dry mustard 1 teaspoon salt 1/2 cup/tomato juice

Soak beans in hot water for 8 to 10 hours. Simmer beans about 11/2 hours in the same water in which they were soaked. Brown half of the sausage and the onion, stirring lightly. Drain off excess fat. Combine cooked beans, browned sausage, onion, mustard, and salt. Place in a one-quart casserole. Make ten small balls from remaining sausage meat. Place on top of hot bean mixture. Pour tomato juice over beans. Bake in a covered casserole in a slow oven (325° F.) for 45 minutes. Uncover. Bake 15 minutes longer to brown sausage. (6 to 8 servings)

WINTER FEEDING AFFECTS SUMMER GAINS

Summer gains made by yearling steers on grass vary with the amount of gain made during the previous winter, ac-cording to new data reported by the Oklahoma Agricultural Experiment Station.

The experiments conducted by the Department of Animal Husbandry there were designed to find an answer to this question, "How much should calves gain during the winter months in order to make the best use of grass the following summer?'

Six lots of choice calves were used in the test. They were fed to gain at three different rates—high (1.3 pounds per head daily); medium (about 1 pound per head daily), and low (about ½ to ¾ of a pound per head daily). The report of the experiments indicates: (1) that steer

calves which gained at the medium to low rates made the most economical use of grass during the early part of the grazing season; (2) that combined profits from wintering and early-season grazing were in favor of the lots win-tered at medium and low rates of gain; (3) that, of four lots of steers which were continued on grass during late summer and early fall, the ones which had been fed at the lowest rate of winter gain (.69 pounds per head daily) continued to make the greatest gain on grass; (4) that there is definite evidence that calves wintered on grass I cake to gain ½ to ¾ of a pound a day will produce irable feeder yearlings at a greater profit than those

which gain from 1 to 1½ pounds per day in winter. This interesting experiment is reported in detail in Oklahoma A. & M. College (Stillwater), Miscellaneous Publication No. MP-11.

whether "feeding" is likely to be a profitable venture. There are many others which are being constantly studied by individuals, colleges, and experiment stations. In every feeding area they are trying out new rations, watching costs, plugging "leaks," developing more efficient feeding techniques. So if you are feeding livestock, or are considering it, it may be worth your while to consult your county agent, vocational agriculture teacher, or state agricultural college. Ask them what they have that's new in up-to-the-_minute feeding information . . . maybe you'll find some new wrinkle that will lower your costs, increase your profit possibilities.



How many **Meat Packers?** Here's an interesting thing to note.

There is, on an average, more than 1,000 miles between the point where livestock is raised and the point where

the meat products are eaten. Largely because of this ,000-mile gap, national meat packers came into being. The small meat packers buy livestock locally, slaughter and sell meat in the territory surrounding their plants. In addition to this service, nationwide organi-zations are equipped to do another big job—and do it economically. They perform the service of moving dressed meat the long distances from areas of produc-tion to large consuming areas where relatively little live-stock is produced. These areas of great meat consump-tion of service of moving depend upon nationwide tion' and small meat production depend upon nationwide meat packers, like Swift & Company, for a large part of their meat products. Livestock-producing areas als

pend on the large meat packers, as an outlet for the live-stock their immediate market cannot consume. Most livestock producers market their livestock at only one market. So they come in contact with only a few livestock buyers. Dealing with such a small number of firms leads farmers and ranchers, naturally enough, to the thought that there is only a small number of meat packers in the United States. Actually, according to the latest figures available, there are approximately 4,000 meat packers and about 22,500 other commercial slaugh-terers of livestock. Some slaughter millions of head per year. Others kill thousands of

head annually, and still others only hundreds. F.M. Simpson. Agricultural Research Department

SWIFT & COMPANY UNION STOCK YARDS CHICAGO 9, ILLINOIS

Farrowing pens with sloping floors are the answer to clumsy sows that step or lie on baby pigs. The slant of the floor/takes advantage of the natural tendency of sows to lie with their



backs uphill, while the tiny baby pigs tumble down-hill safely out of her way. Used extensively in Kentucky, sloping floors have cut baby pig losses to only one out of thirty, according to W. P. Garrigus of the University of Kentucky. He writes:

"Crushing or crippling by brood sows is the chief cause of pig losses. Normally, one out of every five new-born pigs is doomed to be mashed or severely crippled by clumsy, awkward brood sows the first day or so after farrowing. This loss to the swine industry adds up to a staggering total. According to the United States Department of Agriculture, each pig killed at farrowing represents a loss of 140 pounds of the feed consumed by the sow during the gestation and suckling periods. Figuring two pigs killed to the litter, this loss in one year alone, 1944, cost hog men 75 million dollars.

"Very little of this tremendous loss needs to be tolerated. Three years of experimentation and observation of herd tests in Kentucky show that sows farrowing on sloping floors raised from one to four pigs more than when they farrowed on level floors. On 49 Kentucky farms where records have been kept, with 385 litters, an average of only one pig out of 30 far-

rowed has been crushed on sloping floors.'

The College of Agriculture, University of Kentucky, Lexington, Ky., has detailed infor-mation on sloping floors for farrowing pens, instructions for building, etc.

Soda Bill Sez: ... it doesn't take much of a horse to pull a load downhill.



Track Down the Facts



If you ever see tracks like this in the snow, dust, or mud, you'll know there's been a white-tailed deer around. An experienced hunt-er can tell from the tracks how long since they were made, the approximate size of the deer, and whether it was in full flight or quietly going about its business. Deer tracking is considerably out of our line here at Swift & Company. But up do here at

at Swift & Company. But we do have a staff of trained fact hunters. Their job is to track down the facts which control our business operations. They study the U. S. Department of Agriculture figures on livestock supplies. They "track down," too, the demand for meat . . . what weights and grades hous wives everywhere are asking for . . . what cuts they

Our "fact trackers" know full well that the price of livestock is determined by what the meat packer can get for the meat and by-products.



NUTRITION IS OUR BUSINESS - AND YOURS Right eating adds life to your years - and years to your life