For Michigan Farm

Vol. X, No. 10

SATURDAY, MAY 28, 1932

Issued Semi-Monthly

WILSON OBJECTS TO CENTRALIZING BANK CONTROL

Fears It Could Mean End of Small, Independent Banks

"Independent banks in the county seat towns and even in the larger cities of America are facing a fight for their lives," according to Mr. ucius E. Wilson, of Picnkney, Mich., who has been writing a series of arricles for the Michigan Farm News, orging the necessity of a managed urrency as the way out of the deression and to prevent future crashes of credit and financial stability.

"An assault is being made on the entire State banking system by the invisible government' in New York, Mr. Wilson said and explained his view in the following statement:

'Eugene Meyer, governor of the Federal Reserve System, George Harrison, governor of the New York City Federal Reserve Bank, and other powerful figures in the financial world are ressing for a modification of the naional banking laws which would put Il banks of deposit under one charterng power (probably a group control



LUCIUS & WILSON

ed by the central banks and subservient to the New York crowd) and one upervisory and regulatory power.

"Nominally this regulatory power will be vested in the United States government; actually it will rest in the hands of the international banking group, just as the control of the Federal Reserve System has gravitated into its hands. If this unified banking mark the end of locally owned and

controlled banks. "In theory the unified banking scheme has merit. If it were regulated in the public interest, and controlled by governmental agencies which were responsible to the citizenship, such a system could be made more stable and secure, from the standpoint of the depositors, than the present system. But if it were regulated by a commission or board which actually had to respond to the ruthless selfishness of the international banking gang, it would become a tyrannous thing. It would possess power to deflate prices and wages at will. It farmers of America should be, and bacteria which produce and live in the of alfalfa as a soil-builder. could decide what the income of the then enforce its decision. This power is so staggering in its sweep that in- free from the air, provided the soil is telligent citizens are not going to place it in the hands of the same sinisent deflation. One treatment of this kind should be enough to suffice for at least another seven years."

Get New Bullt. 142 For Grain Disease Control

East Lansing-Michigan farmers who have lost portions of their grain crops can avoid some of these losses in the future by writing Michigan State College for Circular Bulletin No. 142, now being printed.

Many of the common diseases are carried on the seed grain and can be prevented by simple treatments. Rusts and smut damage grain crops most. Nearly all smuts are carried down for soil improvement, the alfalfa from one crop to the next by the seed. Infection can be prevented if the seed is treated before planting. of sulphate of ammonia, costing about The Bulletin describes and illustrates most of the common diseases and gives directions for the various disease treatments. It will be available early in June.

Annual Meeting Contests

Chicago-At its 14th annual meeting in Chicago in December the American Farm Bureau wiil offer prizes for best State Farm Bureau publicity programs, a public speaking contest for farm women; and quartet contests for male and mixed reau at 58 East Washington street, manuring crops will add the most ni-women went to France with the

Alfalfa Variety Tests Prove Michigan Strains Hardiest

Michigan Grown Seeds Lead and Ontario Variegated strains, all of Others; Southern Alfalfa Winter-kills

By GEORGE WENNER Extension Specialist, Farm Crops Michigan State College

For several years alfalfa variety tests have been conducted in co-operation with individual farmers in vari-

which are very well adapted to Michigan and will yield exceedingly well if growing conditions are at all satisfactory. The second group is comslight advantage over all varieties. In Gratiot county the test was planted on heavy loam soil with Grimm outyielding the other varieties.

Variegated Best Everywhere

In the oldest tests located in ous parts of the state to determine the Branch, Arenac, Otsego, Eaton, Jackperformance of various varieties un- son and Livingston counties, the varieder different soil and climatic condi- ties have tended to group themselves into three classes. The first class in-Whenever possible these tests are cludes the Hardigan, Grimm, Cossack



ALFALFA VARIETY TEST
County Agr'l Agent Gorsline of Arenac county standing in plot of Hardigan alfalfa from Michigan grown seed. Left of picture shows few Arizona Common Alfalfa plants. Most of the Arizona stand winter-killed; weeds and native grass filled in. Alfalfa seed of unknown origin may contain weak, southern grown seed.

vigorous stand.

not be more satisfactory than the var- Peruvian and seed from Arizona and more branching roots of the variegat- ditions.

his contention, for, when planted in 1931 in St. Joseph, Hillsdale, Sani-resentatives, with all under identical conditions, the roots lac, Oakland, Benzie and Branch coming from Detroit. of Hardigan and Grimm go just as counties.

seeded in the summer without a com-| prised of a number of common strains panion crop in order to insure a more from northern states, which give fair results in Michigan, but which lack question the hardiness of the variegated variewhether or not common alfalfa might ties. In the third group are Hairy

legated types for sandy soil, the sup- Argentine, a class of seed totally lackposition being that its root system will ing in winter hardiness and conse go deeper after moisture than the quently unadapted to Michigan con-

leeply for moisture as the roots of the Such tests make valuable demon-districted and regrouped to share A test located in Manistee county on state as they usually run over a period House, light sandy loam showed Hardigan of several years and people interested and Cossack leading the field, with in alfalfa have an opportunity to see to the 1930 census, was 4,842,325. Grimm a close second. On a clay loam what different varieties will do under soil in Clare county, Cossack held a their particular soil conditions.

3 TONS ALFALFA

And Potash; Makes 147 lbs. Nitrogen

By PAUL ROOD Extension Specialist, Soils Dep't Michigan State College

Alfalfa has a tremendous capacity to build soil fertility and also has a mon to Michigan. To grow alfalfa Mich. Gas Wells Could greater capacity to use it up than any and sell it without purchasing phosuse alfalfa? Increasing Soil Fertility

Alfalfa is a legume very sensitive to nodules on the roots gather nitrogen

weet; they do not endure acid soils. How much free nitrogen does alfalfa ter outfit that has engineered the pres- gather from the air and how much is

it worth? A three ton crop of anama	ı
contains about:	Ì
Pounds	ŀ
Nitrogen 147	ı
Phosphoric Acid	ı
Potasii	ı.
Calcium	ı
Magnesium	l
To supply the same amount of plant	1
food in commercial form would re-	l
quire:	ı
Pounds Fertilizer Cost	İ
735 Sulphate of Ammonia \$11.76	ł
150 20% Superphosphate	ł
252 Murate of Polasianian 99	۱
283 Limestone	1

Practically all of the 147 pounds of nitrogen in the 3 tons of alfalfa came 'free" from the air, and if it is plowed would add as much nitrogen to the soil as would be added by 735 pound

To grow alfalfa, for feed on the farm and as a green manure soil buildsoil. Nitrogen is more expensive to buy commercially than is phosphoric acid, potash, or lime. It is in this way that alfalfa can become a very important soil builder-by adding needed nitrogen to the soil. Adding only the roots of alfalfa to the soil is not sufficient since they contain no more ni quartets. Medals and cash prizes by the crop. For green manuring it men who lost their lives in France and July are likely to show losses will be awarded in the last two is therefore, essential to plow down during the World war are understance and July are likely to show losses trogen than was taken from the soil will be awarded in the last two distribution can is, therefore, essential to plow down during the World war are undecorabove normal. be had from the American Farm Butrogen to the soil is at that stage when armies.

the crop is growing most rapidlyjust coming into bud.

of these manures rich in plant food have 21 seats in the House. is essential also, in returning to the

Decreasing Soil Fertility acid, more potash, and more lime than fail to act. normal yields of any other crops comto rapidly deplete the soil supply of these plant foods. To carelessly handle

of the common farm crops. How to phoric acid and potash fertilizers is the manures from animals fed alfalfa acid or sour soils and produces abund- on the farm is to waste much of the pacity to furnish natural gas for all antly only when the supply of lime nitrogen which might be added to the and of plant food is sufficient. The soil and hence to minimize the effect or approximately 2,811,000 people.



VERNA ELSINGER

Miss Verna Elsinger, organization ment Day of Monroe county extension work at Monroe April 20.

"The recovery of agriculture is bedepression. Farm women will play hogs cool. a great part in every phase of this recovery," Miss Elsinger said.

The graves of 377 American wo- May than in any other month. June Hastings,

WAYNE RENEWS DRIVE FOR RULE

Constitutional Amendment For Reapportionment Called Michigan Plan

arrangement concocted by the Wayne county members of the Legis- ly showers are sufficient to moisten the ature, Detroit and Wayne county soil thoroughly so that the seeds germpoliticians and which "has the ap- inate readily. proval of the Michigan Municipal League," according to a letter from the Wayne Board of Supervisors.

from the Wayne County plan which off the weeds before the crop is planted was defeated in November 1930, is than afterward. Alfalfa devotes a constill the same plan to concentrate siderable part of its energy during the legislative power into the metropolitan area around Detroit

tion the Senate according to area consequently, does not make nearly so and the house strictly according to population. The Wayne county plan would have reapportioned both Senate and House according to popu-

The Michigan plan would not disurb the present Senate area plan, which in effect would retain for Wayne the benefit of the last readjustment of Senate seats according to population and through which Wayne county has 7 of the 32 seats in the Senate. Eighty-two counties divide the remaining 25 seats in the

The Michigan plan proposes that representation in the House of 100 members shall be strictly according These tests will be harvested again to population, and thus would as-There is no apparent foundation for this year supplemented by tests seeded sure Wayne county 39 or 40 repbut 6 or 7 Eighty-two remaining counties would be restrations in the various sections of the the remaining 60 or 61 seats in the Michigan's population,

The unit of representation in the given as 1,888,946, of whom 1,568,-

The Michigan Plan constitutional scheme should become law, it will Heavy Feeder on Phosphate soil much of the nitrogen which the amendment provides that the Legisfed alfalfa contained. Plowing down lature shall reapportion itself after top growth when breaking up the six each U. S. census, which presumably or eight year old alfalfa stand adds would further increase Wayne humus as well as nitrogen to the soil, county's hold on affairs. It is made mandatory upon the Secretary of this summer. Alfalfa requires more phosphoric State to do so should the Legislature

Serve 234,000 Families

Lansing-Gas wells now operating in Michigan have sufficient daily cadomestic uses for 937,000 families

In Michigan only 25 percent of the capacity production may be taken from a gas well, leaving present production in the state at a little more than 18,000,000 cubic feet a day. This is sufficient, according to figures, to furnish domestic gas for about 234,000 families.

Most of Michigan's gas wells are located in the Mt. Pleasant field. heating capacity of artificial gas.

Hot Weather Shipping

the value of hogs is low, the loss of Eleventh Century, that cloth maka single head on its way to market ing was resumed in Britain. is as serious as when hogs were sellhot weather shippers dangers.

director and State home and com- dangerous than hot weather in surname. ing crop, is most certainly a very munity chairman of the Ohio Farm August, the Ass'n said, advising Do not overload hogs. Do not

over-exert them. Do not over-feed before loading. Use sand bedding lieved to be the first step in ending Move them to market swiftly. Keep for many years, died suddenly at his Last year hog losses increased Sebewaing, Thursday, May 27. 26% above the previous year. More

months without any treatment.

Alfalfa Seeded in Summer **Has Important Advantages**

OF LEGISLATURE Clean, Firm Seed Bed; Warm Soil, Showers All Halm Prof. Megee Says

> By PROF. C. R. MEGEE Farm Crops Department Michigan State College

Ordinarily, alfalfa can be seeded Lansing-Petitions are in circula- quite successfully from early spring to quick germination moist soil should be ion to place on the ballot at the No- late August. However, the best time vember election an amendment to to seed depends upon local conditions. the State Constitution to reappor- Summer seedings, if properly handled, tion the Legislature, according to are frequently very satisfactory. In "Michigan Plan" a title given late June and early July the ground Wayne county board of supervisors, has become well warmed up and usual-

Clean Seed Bed

It is also possible to prepare a clean seed bed if the summer seeding is to The Michigan Plan, a title change be made. It is much cheaper to kill early stages of growth to the develop-The Michigan plan would reappor- ment of extensive root systems and,



large a top growth as many of the an-House for 100 seats would be 48,- nual weeds that have only a shallow that one makes no mistake in using decline in the market and general

fore the alfalfa is seeded. This praction and purity, and has prepared suittice is especially important on fields able seed beds, from 6 to 8 pounds per that have been neglected for a few acre is sufficient. If the seed bed is years. It is our observation that a not properly prepared, more seed will

well firmed around the seed and the

cultipacker is a very useful implement

Firm Seed Bed Important Summer seeding also permits the establishment of a firm and well compacted seed bed which is essential for successful alfalfa culture. Alfalfa seeds are small and have a varnish-like surface. When scattered in a lose, cloddy, seed bed, seeds dropped into open spaces do not germinate readily. For

On most loamy soils it is not neces- May 27. sary to seed the alfalfa with a nurse will compete with the alfalfa for mois- holding large quantities of contracted ture and plant food. On sandy soils that are inclined to blow, a peck or

> wheat may be necessary. Lime and Fertilizer

two of oats or a light sowing of buck-

The proper use of lime and fertiliz ers should not be omitted. On soils that are decidedly acid, lime is usually considered the first step in successful crop production. Legumes may be so handled that they add nitrogen and or ganic matter to the soil and these are necessary in crop production. Alfalfa is a lime-loving legume so that the lime content of the soil should be checked upon before seeding, The proper fertilizer to use will depend much upon the previous handling of the soil. Ordinarily, the sandy loams respond to a fertilizer containing an abundance of potash and a relatively small amount of phosphorus. When fertilizer is used upon the heavy clay and silt loams, a fertilizer high in phosphorus and low in potash is recommended.

Inoculate the Seed

for summer seeding as it is for spring and pounds received in one day at the seedings. If neither alfalfa nor sweet Lansing warehouse is the high mark clover have been grown on the land previously, it is advisable to inoculate the seed. Uninoculated alfalfa plants which produce no nodules upon he roots draw upon the soil nitrogen in much the same way as corn, pots- States that effective at once the adtoes, and sugar beets.

fibrous root system and an extensive lots of seed. I doubt the wisdom of business conditions 662 persons resided in Detroit, which top. Consequently, seed beds should this statement. If 7 pounds of seed In the eastern wool markets and in CONTAINS \$20.38

Anana is important in soil improvement as a supplier of humus. Well cared for manures of animals fed allowed for manures of animals fed all IN PLANT FOOD

cared for manures of animals fed alfa on the farm are about 25% humans, and humus is irregently needed by mus, and humus is irregently needed by most Michigan soils. Proper handling most Michigan soils. Proper handling Today Detroit and Wayne county weed seeds will germinate and the Hardigan, Grimm or Michigan Varie
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Today Detroit and Wayne county weed seeds will germinate and the Hardigan Varieweed seeds will germinate and the Hardigan, Grimm or Michigan Varie erations in accordance with business young seedlings will be killed off be- gated, and uses seeds of high germinanumber of such fields are to be seeded not likely insure a stand but will be wasted.

NO BENEFIT FROM EXTRA-HEAVY SEEDINGS Rate of Seeding Alfalfa and Yield of Hay Secured From Well Firmed Seed Bed and High Quality Seed.

THE ACRE			(12% Moisture)					
Drill.set	Actually	1st yr.	2nd yr.	3rd yr.	4th yr.	Total	Average	
	4.7	2.54	5.64	2.90	3.10	14.18	3.54	
	8.1	2.72	5.82	3.03	3.34	14.91	3.72	
334	10.9	2.59	5.72	3.18	3.30	14.79	3.69	
2	13.6	2.58	6.00	3.14	3.23	14.95	3.74	
5	700	2.69	5.77	3.31	3,32	15,09	3.77	
8	40 9	2.67	5.83	3.13	3,40	15.03	3.75	
1	91.0	2,59	5.81	3.15	3,29	14.84	3.71	
4	0.4.0	2.63	5.93	3.14	3,40	15,09	3.77	

Romans Built Britain's Notice of Special Meeting First Woolen Factory

Cloth weaving was an important Natural gas is now being supplied art in the Roman civilization. When for domestic and industrial use to the Romans invaded Britain, a half Midland, Mt. Pleasant, Rosebush and century before Christ, they reared Clare, long pipe lines carrying the a factory at Winchester for the gas direct from the wells to the manufacture of woolen cloth. in this state has about twice the legions from the warmer Italy and comed by troops. The barbaric Sax- the following purposes: ons, who next pre-empted England were ignorant of spinning and weav-Directions For Hogs ing and it was not until after the Norman William overthrew the Sax-SAVE THE HOG! Even though on Harold, at the end of the

The great English woolen guilds ing from twice to three times as were established in 1300. For cenmuch, says the Michigan Live Stock turies they were a power in British Loss Prevention Ass'n in warning of affairs. In 1350, a guild member, Thomas Blanket, invented the utili-A sudden warm spell is more tarian commodity that bears his

Mr. Horton formerly managed the hogs die on their way to market in co-operative elevators at Kinde and A single pound of honey repre- Mills expect both private holders and

the lining.

meeting of the members or delegates commercial banks. of the Producers Co-operative Com- Col. Charles F. H. Johnson, presimission Association will be held at the dent of the Botany Worsted Mills of office of the association, 1139 William Philadelphia, and a leading figure in various cities. Natural gas produced Britain's moist climate chilled the Street, City of Buffalo, State of New the wool trade, addressing the wool York, on Monday, the 13th day of June, and textile trade recently spoke well warm cloaks and tunics were wel- A. D. 1932, at one o'clock P. M., for of the National and its wool pools,

1. To consider and vote upon the approval and ratification of all contracts, acts and proceedings, which shall have been theretofore made or taken by the board of directors or by the executive committee and ratified by the board of directors, as set forth in the minutes of the meetings of the board of directors; and

2. To consider and vote upon incorporation of the association under Article 8, Chapter 10-A of the Co-operative Corporations Law, Chapter 77 of the Consolidated Laws of the State of New York, and a proposed Certificate of Incorporation therefor.

2. To consider and vote upon the adoption of revised by-laws of the association, or an amendment to the by-laws.

Adoption of revised by-laws of the association, or an amendment to the by-laws of the association, amending—Section 1 of Article I, Section 1 of Article II, Article II, Section 1 of Article II, Article III, Article III, Article III, Section 1 of Article III, Article III, Article III, Section 1 of Article III, Article III, Article III, Section 1 of Article III, Article III, Section 1 of Article III,
A POUND OF HONEY

sents the life work of 300 bees. If the pools to have wools ready for them it were possible for a single bee to whenever they want it, and that's the When relining a coat, cut out half produce a pound of honey, she way they buy. They don't lay in a the old lining to use as a pattern. The would have to work all day long, year's supply of anything. Lemons will keep two or three other half may be a guide in sewing in 365 days a year for eight years to Regardless of carryover from one produce it.

200,000 POUNDS OF WOOL IN THE **ASSOCIATION POOL**

Heavy Deliveries Come Later; Business Conditions Drop Advance to 7c

Lansing-More than 200,000 lbs. of wool has been pooled with the Michigan Co-operative Wool Marketing Ass'n this spring, which is twice as for the preparing of a suitable seed much wool in the warehouse than last year at the same date, the Ass'n said

Unusual spring weather conditions, crop when the seeding is being made keeping farmers on edge regarding during the summer. The nurse crop their other farm operations, has been



ALFRED BENTALL Directs 1932 Wool Pool

wool in the country. As soon as work is caught up, wool deliveries will be-Inoculation is just as important gin in greater volume. Thirty thousto date for 1932. In 1931 more than 500,000 lbs. was delivered in June and

The National Wool Marketing Corporation on May 23 notified affiliated wool pools throughout the United vance was reduced from 8 to 7 cents The statement is often times made per pound, in accordance with further

conditions

Will Not Have To Dump The Michigan wool pool and all

other pools connected with the National Wool Marketing Corporation are making their advances on wool through funds borrowed from the Federal Intermediate Credit Banks, created by Congress for the purpose of financing farmers' co-operative enterprises which serve only members of the co-operative. The wool pools require a membership marketing contract from every pooler.

The National Wool Corporation states that it has Intermediate Credit. Bank financial backing to handle and advance on every pound of wool produced in the United States. Last year the National received about 100,000,000 lbs. of wool from the 26 State pools, or about one-fourth of the nation's clip. This year the National may control half the total clip and be well on the way to controlling the market, up to the 34c per lb. duty on clean wool. The National's policy is for a firm of Members or Delegates market. It refuses to dump wool when the weaker fellows have to unload. Notice is hereby given that a special The National's loans are not with

> saying: "It stands out as the most construc-

> tive activity within this industry in the past decade." Buyers Follow Pool Advance

Local wool buyers are reported to be paying anywhere from 5 to 10 cents per pound for wool, with the average 7 to 8 cents. Where wool pool activity is strong, higher prices are offered. In many communities there is no market for wool.

Since the pool advance is as good or very close to the buyers' price, many new members are coming into the pool, reasoning that if the buyer considers their wool a good investment at his price, it is to their advantage to pool and play the investment

Selling Wool Season Job The pool is emphasizing that the marketing of graded wools to manufacturers is not a short time job.

(Continued on page 2)



Entered as second class matter January 12, 1923, at the postoffice at Charlotte, Michigan, under the Act of March 3, 1879.

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E. E. UNGREN

Editor and Business Manager

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SATURDAY, MAY 28, 1932

"Gold Dollar No Longer Honest"-Senator Borah Congress is wrestling with the job of balancing the budget-looking for new sources of revenue, new taxes. It's having a hard time. Every industry or commodity or group invited to contribute makes the welkin ring with its protests about being singled out "for ruin."

More than once Senator Borah of Idaho, uncompromising independent, has called attention to the fact that the money situation has something to do with the budget difficulty as well as with business recovery. Last week he said to the Senate:

"Balancing the budget has been made a slogan. But we delude ourselves if we think we are going to balance the budget simply by passing this tax bill. We must take up the question of stabilizing prices. The gold dollar is no longer an honest dollar. How many suicides must we register, how many insane must we put into asylums, how many farms must go under the hammer before we do something to stabilize our currency?"

New Produce Outlet Denied

The Big Four packers are Swift & Company, Armour & Company, Wilson & Company and the Cudahy Packing Company.

Permission to the Big Four Packers to re-engage in the handling of vegetables, fruits, milk, butter, fish, sugar, coffee, teas, cereals, flour, grape juice and some other products in a wholesale way "up to the doors of retail grocers", granted them by the District of Columbia Supreme Court Jan. 5, 1931, in a modification of the Packers Consent Decree of 1920, has been reversed by the United States Supreme Court on the ground that the fear of monopoly which brought the Decree confining the packers to packing and wholesaling meats only is a fear that still

Only four great packers out of some 1,300 packers in the nation were affected by the Consent Decree, which was drawn by Attorney-General Palmer in 1920. They were divorced from all lines of business except the meat business. They could ship only meat products in their refrigerator cars and had to roll them back home empty.

In 1930 the Big Four Packers argued, with support from co-operative livestock organizations and farmers' organizations throughout the country, including the Michigan State Farm Bureau, that conditions had changed and modification was in order. Great chain grocery systems had come into being. Some operate their own packing plants. Most of them have retail meat counters. The chain stores are permitted to do what the

Judge Bailey of the District of Columbia Supreme Court held that there is no monopoly in the packing business and no danger of one. He denied the packers' request for a modification that would permit them to enter the general retail food business, but granted permission to engage in such business in a wholesale way.

Farmers saw in the modification decree a new, substantial, and competitive market for more farm products; an elimination of empty refrigerator car hauls that are now charged to the livestock industry, and finally even competitive conditions for the big packers with the great chain store systems and 1,300 other packing plants not bound by the decree. We believe the farmer stood to gain by modification of the Consent Decree.

When Money Rises and Commodities Fall

"I had \$300 in the bank at the beginning of 1931," a farmer told us the other day. "I worked hard all year and at the end of the year I figured I had got nowhere and the \$300 was gone. I paid out \$1 per working day to exercise myself in 1931.

seed will be too deep or the fertilizer

ing or light harrowing will be neces

Top Dressing Alfalfa With

Commercial Fertilizer

crop is seeded. However, this is some-

an 0-8-24 on the light soils low in fer-

acre or more. After the first cutting

tions have not been satisfactory on

spring toothed harrow.

more frequently.

Washington Picnics

Chicago-Farm Bureaus throughout

sary for proper covering of seed.

POTASH FERTILIZER FOR ALFALFA ON THE LIGHT SOILS

Mr. Grantham of College Soils not used for covering, either cultipack- least 90%. Dep't Describes Best Procedure

By GEORGE M. GRANTHAM Soils Department Michigan State College

On the light group of soils potash is very important as a fertilizer for

For these soils probably no more economical use of fertilizer can be made than fertilizing the legume crop with fertilizers carrying high percentages of potash.



Nitrogen when used alone or in mixed fertilizers has not shown profit- against. Manure may also carry grass A bushel of certified Michigan alfalfa scribes its plan of operation. able returns for alfalfa even on the and weed seeds which are not desir. seed will sow between 71/2 and 8 acres, extremely light soils where nitrogen able at the time of seeding alfalfa and as it is necessary to sow only 6 to 8 is usually a very limiting factor.

Fertilizers Recommended Fertilizers to be recommended are: For extremely light soils poor in fer tility an 0-8-24. For soils better man- Farm Bureaus To Have aged including legumes or manure in the rotation an 0-14-14. The rate of application should be 300 pounds or

more per acre. Fertilizers should be placed as deep the nation will celebrate the George ly in the soil as possible just previous Washington Bicentennial with Washto the time of seeding. The grain drill ington picnic programs July 4th, acwith a fertilizer attachment is pro- cording to the American Farm Bur- what you can help and won't.—Newbably the most convenient method of eau headquarters at 58 East Wash- ton Newkirk. applying. One field operation will ington street, Chicago, which advises both spread the fertilizer and place it that it has suggested programs and

at a suitable depth in the soil. Drilling the seed and fertilizer to event. They may be had on request. speak.

BUSHEL CERTIFIED MICHIGAN ALFALFA **SOWS 6-8 ACRES**

Decker Describes Quality and Purity Sought by Crop Improvement Ass'n

By R. E. DECKER Extension Specialist, Farm Crops Michigan State College

The season of 1931 was favorable ues of this great farm crop. high in probable live seed content.

the seed which he used in seeding the day. crop was certified seed. He must furnish a satisfactory record of the pedigree of the seed.

Certified Hardigan alfalfa, for ex-

made in Carver county, Minnesota. A certified tag placed on a sack of seed by a State Crop Improvement Association or similar inspecting agency is accepted as proof of the genuiness of the seed. Pedigreed, or certified seed has a definite family history as does a registered animal. The Crop Improvement Associations are attempting to do for the farm seed business what the various breed associations are doing for the livestock industry. Therefore, when one purchases certified seed he can be very certain

as to the variety. Certified seed must also meet certain standards so far as percent of purity, per cent of other crop seed, per cent of weed seed, noxious weed content and probable live seed are con-

Blue and White Tag Seed

Last year a meeting of representa-A "Fancy" or "blue tag" grade, a falfa hay for their total needs. "choice" or "white tag" grade, and a "yellow tag" grade.

Michigan Standards Higher

the "yellow tag" was not.

gether should not be practiced as the 1% foreign seed. too shallow. If seeding and fertilizing range the small seed drill tubes so tent could not be made up of more herd. the seed will fall back of the discs, than 1/10 of 1% weed seed; noxious The majority of Michigan dairymen that the cows fed on alfalfa as against

compared with our standards? Re- herds. This is as it should be, as ference alone may be the difference ports from the state seed analyst on Michigan is ideally suited to the pro- between profit and loss on a cow in a 140 lots of our Michigan blue tag cer- duction of an abundant and well bal- year under present price conditions. The proper place for fertilizers is in tified alfalfa seed shows an average anced feed supply. Michigan dairythe ground at or before the time the analysis of: purity 99.77%, inert mat- men have found through their Herd ble protein and feed nutrients in the ter 16/100 of 1%, other crop seed Improvement Associations that eco-

are desired. The analysis to use is 1%, probable live seed, 92.74%. ductive sandy soils. The rate of ap. igan certified "blue tag" seed is of ex- anced. plication should be 300 pounds per ceptional quality.

The "Choice" or "white tag" standtime to apply. Early spring applicaciation were:

a drill or working in by means of a content, not less than 85%.

Sixteen lots of seed were placed in grown. While manure carries phosphate and the "Choice" grade. The average anpotash, which are recommended for alysis of these lots was: Purity alfalfa, it also carries a relatively high 99.611%, inert matter 182/1000 of 1%. content of nitrogen. Experimental other crop seed 113/1000 of 1%, weed work shows that nitrogen applied to seed 94/1000 of 1%; probable live this crop has not been a profitable seed, 90%

practice. Therefore it seems advisable Here again it is apparent how much crops where good use of all the ele. standard requirements.

loss of nitrogen is to be guarded and weeds.

which may be controlled much better lbs. of this seed. The low cost of ceron soils which are to be cultivated tified seed this year and its high quality should be of great benefit to our

Instead of worrying about what you cannot help, try worrying about

No Alfalfa Overproduction Here, Prof. Anthony Says

Per Dairy Cow Only Half Realized

By ERNEST L. ANTHONY

today stand as a glowing tribute to per acre as alfalfa. the recognition of the wonderful val-

color and plumpness. Michigan certi- there is no overproduction of alfalfa gestible protein each year. This can is the correct rate of seeding. The fied seed growers used much care in in Michigan. This acreage could well be almost completely supplied by grass is ready for pasture within grass is ready for pasture within be expanded to more than double this. rogueing their fields and the net result is that the 5.200 husbels of certification and yet the current with the supplied by grass is ready for pasture within a payment on part of the 1931 clip. sult is that the 5,200 bushels of certi- amount and yet the supply would still grown grains and by abundant sweet nish continuous grazing until frosts. fied Michigan alfalfa seed available to be inadequate for the use of dairy clover or alfalfa pasture. A Holstein Freezing injures Sudan grass and a farmers for use in their seedings this farmers alone in this state. This cow on experiment at the Michigan poisonous substance sometimes deseason is of exceptional purity and makes no recognition of the large State College has produced better than velops in the plant so it is safer not block to an exceptional purity and makes no recognition of the large state College has produced better than velops in the plant so it is safer not block to an exceptional purity and makes no recognition of the large state College has produced better than velops in the plant so it is safer not block to the large state College has produced better than velops in the plant so it is safer not block to the large state College has produced better than velops in the plant so it is safer not block to the large state College has produced better than velops in the plant so it is safer not block to the large state College has produced better than velops in the plant so it is safer not block to the large state College has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops in the plant so it is safer not block to the large state college has produced better than velops and the large state college has produced better than velops and the large state college has produced better than velops and the large state college has produced better than velops and the large state college has produced better than velops and the large state college has produced better than velops and the large state college has produced better than velops and the large s acreage needed for all other classes of 13,000 pounds of milk on alfalfa hay, to pasture the grass after the first Any alfalfa seed grower who wants livestock as well as the rapidly grow- corn silage and ground corn. Her in- heavy frost. Dairy cattle have mainto get his crop inspected and certified ing market for alfalfa hay for eastern take of alfalfa hay, however, has tained as heavy milk flow on Sudan by the Michigan Crop Improvement dairy markets. Alfalfa is one of the reached as much as 20 pounds per day. grass, in the college tests, as on good Association must furnish evidence that very best cash crops on the farm to-

Dairy Farms Need More

of that variety released from the Mich- for pasture for each dairy cow in milk igan Experimental Station in 1921, in the State. For this goal to be Genuine certified Grimm should reached with more than 850,000 cows good alfalfa hay, though a roughage, is trace to the original Grimm plantings now being milked would make it pos- still more like a concentrate in its

in a good dairy ration is an adequate will furnish pasture from early co-operatives that qualify for such supply of protein. Alfalfa is the July until the first heavy frost, acgreatest protein producing crop which cording to the Michigan State colmay be grown by Michigan farmers. lege Farm Crops Dep't. Many Mich-One acre of alfalfa will produce about igan farmers have reported Sudan bonds or other certificates of in-590 pounds of digestible protein while grass pasture which carried two and debtedness, the National Co-operative Michigan State College

an acre of timothy produces less than ber of sheep per acre.

Sudan grass should be readed trient or less than trient or l found on the farms of Michigan trient, or less than one-sixth as much today stand as a glowing tribute to per agree as alfalfo

8,000 pounds of 4 per cent milk per acre will distribute about 25 pounds for production of alfalfa seed of good As great as is this enormous acreage year requires about 775 pounds of di-

cows up on low protein roughage such as timothy, mixed hay or corn stover, It has long been recognized that the do not supply their cows with enough goal of good dairy farm practice calls protein or else must purchase large for at least one acre of alfalfa for hay quantities of high protein concenample, must trace to the original seed and one acre of sweet clover or alfalfa trates to supply this necessary ingredi-

Poor roughage is merely filler while

bran as a source of nutrients.

To Save 5 lbs. Grain Daily

A typical daily ration required by a

1,000 pound cow producing 25 pounds

of 4 per cent milk would be 12 pounds

of mixed or timothy hay, 35 pounds of

silage, 4 pounds of ground corn, 5

bounds ground oats, 2 pounds wheat

oran, and two pounds of linseed or

cottonseed meal, or a total of 13 pounds

of concentrate grains with this rough-



sible to further expand the present | feed value, as one pound of good alacreage of these crops several times falfa hay is equal to a pound of wheat with little fear of having too much. While it would be expected that tives of the Utah, Idaho, Montana and dairy farms would be the most impor-South Dakota Crop Improvement As- tant users of this great milk producsociations and representatives of the ing crop, yet a recent survey shows seed growers met at Salt Lake City that only 45 per cent of Michigan's and adopted standards for the certi- total alfalfa crop is produced on dairy fied alfalfa seed produced in their farms and only one-third of the dairy states. They also adopted three grades: farms of this state grow enough al-

Lower Feed Cost Answer Dairying at this time is in a period age. If this same cow is fed on alof readjustment and reorganization to falfa hay, she will readily consume 12 The Michigan Crop Improvement meet the lower market prices for dairy pounds alfalfa hay, the same amount Association decided last fall to adopt, products. Feed costs are generally ac- of silage, and the grain ration needed with a few changes, the same stand- cepted as representing one-half or to balance this roughage will be four ards for our 1931 seed crop as were more of the total costs of milk produc- pounds ground corn or barley, two set up at Salt Lake City. The "Fancy" tion. Since the feed costs represent pounds ground oats, and one pound and "Choice" grades were adopted but so large a share of the costs of pro- each of wheat bran and cottonseed duction, it is very natural that this meal, or a total of only 8 pounds of The standards decided upon by the is the place where first thought and grain to supply the same balance and western Associations for the Fancy attention is given when dairymen are amount of nutrients as supplied by 13 (blue tag) grade were: Purity, not less faced with the necessity of trying to pounds of grain with the first ration. an 99.25%, inert matter not over show a profit against continuing low-1/2 of 1%, and not more than 3/4 of er markets. Fortunately thousands of dairymen are facing this problem in At 11/2c per pound this is a saving of These were changed by the Michigan the right way by rapidly readjusting Sc per cow per day or on a 10 cow herd Association as follows: Purity, not the farm and farm operations so that a saving of nearly a dollar a day. must be done at one operation, place less than 99.25%, inert matter not more and more of the right sort of the fertilizer deep in the soil by means over 1/4 of 1%, foreign seed not over home grown feeds may be on hand in of the regular drilling device and ar- 1/2 of 1%, and this foreign seed con- abundant amounts for the needs of the cows in Dairy Herd Improvement

spikes, or shoes. If drill chains are weeds, none; probable live seed, at are thinking in terms of making the those fed on mixed hay or timothy

Alfalfa's Great Feed Value

has been removed seems to be the best ards adopted by the Michigan Asso- first crop to be considered for the best that it may be studied always shows development of a home grown feed up to be a milk making and a money Purity, not less than 99%, inert supply. Alfalfa will yield the largest making feed. sandy soils. Applying the fertilizer on matter, not over 1/4 of 1%, other crop number of pounds of digestible nutrithe surface soil, when the plants are seed, not over ½ of 1%, and weed ents per acre of any crop except corn every dairy farm of Michigan is the dry, seems to be as effective as where seed, not over ¼ of 1%, noxious and for much of Michigan probably one sure way that dairy farmers of it is placed into the soil by means of weeds, none; and probable live seed the largest yields of digestible nutrients per acre of any crop that may be continue to make a return from their

From a study of more than 3,500 Associations last year it was found

grain per cow per day by using alfalfa.

Saving \$14 Per Cow

farm produce the greatest amount of produced more milk at a grain cost of How good is our 1931 certified seed the right sort of feed for their dairy \$14 less per cow per year. This difcheapest form but it is also a good times neglected and later applications 44/1000 of 1%, weed seed 26/1000 of nomical and efficient production of source of the much needed minerals milk is perfectly possible with home and vitamins which are so necessary By comparing the above sets of fig- grown rations, provided such feeds to satisfactory milk production. Altility and an 0-14-14 on the more pro- ures you will conclude that the Mich- are of good quality and properly bal- falfa hay is not only the cheapest source of protein available to Michigan dairymen today but it is home grown

Alfalfa is the most important and Good alfalfa hay from any angle The greater use of alfalfa hay on

200,000 lbs. of Wool In The Ass'n Pool for shearing is:

(Continued from page one) year to the next, the pool keeps each to apply the manure to non-legume better the "Choice" lots were than from the pool of any other year, and ments may be made and apply phos- As was stated before, the certified current year and as soon as market LEFT—Alfalfa from limed land.
RIGHT—Alfalfa from equal area of limed soil fertilized with potash and phosphate. (Same field)
On sour, sandy soils alfalfa requires potash and phosphate in addition to lime.

Ments may be made and apply phosphate in the current year and as soon as market growers deserve much credit for the alfalfa. Manure is effective in increasing growth of legumes but the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the alfalfa. Manure is effective in increasing growth of legumes but the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the alfalfa. Manure is effective in increasing growth of legumes but the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers deserve much credit for the splendid work they did in 1931 in rogueing their fields of crop mixtures are limited by the current year and as soon as market growers are limited by the current year and as soon as market growers are limited by t aims to sell out each pool within the increasing growth of legumes but the rogueing their fields of crop mixtures erative Wool Marketing Ass'n advertisement on page 3 of this edition de-

> Describes High Speed Sheep Clipping System

farmers in making their summer seed- reader at Lupton, Ogemaw county, and Bingham and Reed, oppose this Mr. Leonard D. Purks, Farm News and sheep shearer, asked if the article in a recent issue stating that an tax exempt bonds. The opposing In a depression during Revolution- Australian holds the world's sheep Senators rather like a general sales ary times, the price of a newspaper shearing record by clipping 346 in tax, which has been described as a rose from one to five barrels of one day is correct, and if so, what is splendid method of taxing the great his method?

Ass'n advises the News that the performance is not impossible. In western sheep camps expert shearers wipe off any surplus oil with a soft must do 200 sheep a day and can't cloth that does not shed lint, and A poultice is usually better than stay on the job unless the average is then sew through a blotter. This sources of program material for the a blister-remember this when you 150. An Idaho sheep man said one will prevent the likely oil spot we of their men did 412 in one day, but | dread.

the sheep were handed to him. The Australian method of holding sheep

The shearer starts his cutters at the tail and clips straight through to the neck. Then he clips off the taft on the head and starts back along one side, cutting straight through in long strokes and turning the sheep as he clips. The method is called the "bloody blow."

Senators Oppose Plan To Tap Tax Dodgers

Washington-A tax on the income

of tax exempt securities has been proposed to Congress by Chester Gray, Washington representative of the American Farm Bureau. Senators Smoot, administration finance expert, plan to tax those who have wealth in That National Wool Marketing the benefit of those who have, multitude of those who have not for

When oiling the sewing machine,

Sudan Grass Is Good **Emergency Pasture**

East Lansing-Sudan grass, which

be seeded to mid-June. A grain drill A 1,000 pound dairy cow giving set to sow two pecks of wheat per Michigan farmers who fill their sweet clover or blue grass pasture.

NATIONAL CARBIDE A FOR HOUSE-LIGHTING AND IRONING

BUY with Confidence! USE with Confidence **RECOMMEND** with Confidence!

FARM BUREAU SERVICES Lansing, Michigan

> or see your local Farm Bureau Distributor

Co-ops Exempt From

Income, Stamp Taxes Washington-The new revenue bill in Congress makes no change in the Acre for Hay, I for Pasture Further than this the greatest need is eaten readily by cattle and sheep, exemption from income tax granted

Pays Farmers \$45,345

Kansas City-Checks totaling \$45,345 were mailed last week to ,000 farmer members of the Mid-1931 clip remains to be sold by the

Farmers' Buying Guide

Rates on Application

Hotel Kerns—At Lansing. Many years farm organization headquarters. Comfort at easy prices. N. Grand at Mich. Center of city. Cafeterla, garage, Rates \$1.50 to \$2.50. Beekeepers Supplies-PRICES

and A. I. Root Co. goods. Send for catalog. M. H. HUNT & SON, LANSING MICHIGAN.

Garden Seed— Write the Farm Bureau Supply Store, Lansing, Mich., for price list on their high quality, adapted true-to-name, guaranteed garden seeds.

Monuments—BEAUTIFULLY
DESIGNED
and marble. Call or write. We employe
no salesmen. You save the difference. Largest monument works in Western Michigan, SIMPSON GRANITE WORKS 1358 W. Leonard, Grand Rapids.

Berry Baskets— A-Grade BASKETS AS FOLLOWS 7. o. b. cars, Lansing. 500 for \$3.35; 1,000 for \$6.50. Also 16 qt. crates K. D. Special rate on 200 baskets postpaid in Michigan for \$2.00 Free price list, M. H. HUN & SON, 510 N. Cedar St., Lansing, Mic

Insure in Michigan's Largest Farm Mutual Fire Insurance Company.

Net assets and resources \$487,738.36. Has paid members over \$4,383,657 in losses in 24 years of operation. Its policy written to cover needs of the average farmer. It avoids restrictions and limitations which limit the Company's hability in case of loss. Insurance at cost. For further information, write our home office.

W. V. BURRAS, President. H. K. FISK, Secretary.

State Mutual Rodded Fire Insurance Co., of Mich.

LIVE STOCK MEN

SELL YOUR OWN

Buy your feeders . . . Finance your purchases . . . Sell them finished . . . Co-operatively all the way.

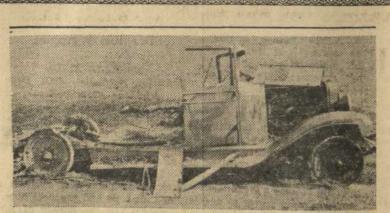
You can send your stock to Detroit or East Buffalo yards and sell it direct to the packers through the Michigan Live Stock Exchange, which is as near to you as your nearest shipping ass'n or member who is affiliated with us. Get the FULL RETURNS from

Some 20,000 farmers, belonging to 150 Michigan shipping ass'ns, have at Buffalo and Detroit their own sales offices, top notch salesmen, and handle a large volume of stock on both markets.

Returns to patrons guaranteed by \$50,000 bond meeting U. S. Government requirements

MICHIGAN LIVE STOCK EXCH.

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



Four Hours Later!

"Friday, April 29, about 9 o'clock I insured this Chevrolet truck. Four hours later the owner was cleaning the gas line when it burst into flames with the result shown in the picture," D. Elbert Harvey, State Farm Mutual Automobile Insurance Co. agent at Jones, Cass county, wrote the Michigan State Farm Bureau, State Agent.

FIRE is a hazard that may destroy your automobile or truck any moment. THIEVES may steal your car strip it, wreck it, burn it, or you may never hear of it again. State Farm Mutual insurance protection against loss from these hazards is very low.

Public Liability and property damage claims arising from an accident in which your car is involved may throw you into court and cost you your life's savings if the verdict is against you. State Farm Mutual will assume all such risk, pay court costs, etc., at a low insurance rate. Our insurance rate for collision damages to your car is also low.

The only SURE protection against financial losses mentioned above is sound automobile insurance. Let the State Farm Mutual stand ready to protect your interests and do the worrying.

> We have more than 500,000 policyholders and 7,000 agents in 30 states in this national Legal Reserve Company

STATE FARM MUTUAL AUTO INS. CO Bloomington, Ill.

MICHIGAN STATE FARM BUREAU, State Agent-Lansing

THE METRIC SYSTEM

thirty-six nations, including all ope outside of the United Kinghave adopted and use the metsystem of weights and measures, rding to a recent report. More n half of our foreign commerce, lay, is said to be with these coun-

The /

total human losses

(1) PREMATURE DEATH Income available or cash settlement of \$5,000

(2) ACCIDENTAL DEATH Monthly income of \$98 for 10 years or \$10,000

(3) LIVING DEATH Free insurance during total disability besides

> \$50 monthly income

(4) ECONOMIC DEATH \$45 monthly income after age 65 or \$5,000

Our Complete Coverage Plan Guarantees money when It

is needed the most.

State Farm Life insurance policies are especially adapted to farmers. We shall be glad to tell you about them and without obligation on your part.

STATE FARM LIFE INSURANCE CO.

LEGAL RESERVE COMPANY BLOOMINGTON, ILL.

State Agent Michigan State Farm Bureau Lansing Michigan

apples.

ately.

costs.

Home and Family Section Edited by MRS. EDITH M. WAGAR.

Address all communications to her at Carleton, Michigan.

Sec'y Brody Suggests Picnic July 4

ogether to strengthen faith and con- tor Mrs. Brumm served. time trying to bring about a correct was 4-H club leader for two years. tion of conditions that are unsatis-

Farm Bureau picnics July 4.

July picnic.

Farm Bureau's National Men Might

Keen interest 'is being taken in he Farm Bureau "party line" broadcast on the second Saturday of every gan may receive it through station standard Time.

The programs are one hour long ind have always been packed with nember states from coast to coast catalogued her belongings. and from the borders of Canada to

This is another means of keeping same time tell to the non-member the story of Farm Bureau work, accomplishments and aspirations

AICHIGAN BELL

TELEPHONE CO.

A Meal Of Arsenic

A farmer received a telephone call from

the government agricultural agent advis-

ing him that it was the proper time for

spraying apple trees. The farmer follow-

ed the advice, and had a price crop of

A few miles away was an apple grower

who did not have a telephone. He failed

to receive word from the government

A telephone is a daily help to the farm-

er. With it, he can call neighbors and

friends readily; obtain best market prices

for produce and livestock, and, when

emergencies occur, summon aid immedi-

The telephone is worth more than it

man, and his crop was below average.

He Gave The Worms

Barry Co. Elects Mrs. Brumm

y observing his 200th birthday an- Farm Bureau at their annual meet- alfalfa growing. woman to be elected president of look thrifty during the summer and look thrifty durin

Mrs. Brumm has been a most Shiawassee County Farm Bureau ty as either a voting or alternate s the first to announce a Fourth of delegate at several of the annual

Broadcast on June 11 Learn From Housecleaning

These are housecleaning days month by the National Broadcasting when all the old is brought out in ompany and 59 associate stations, the open, made usable if possible, he next is Saturday, June 11. Mich-checked over and either put in its own particular place for future de-VJR, Detroit, at 12:30 Eastern mands or discarded to the rag bag or consigned to the rubbish fire.

Every drawer, every chest, every closet is turned wrong side out and Farm Bureau news flashes from the good housewife has once more

To be sure this year there has been many disappointments, for al-The talented rural leadership of most without exception, plans have our nation have rendered most valu- had to be altered during the past able information and splendid enter- year or two and the old rug or curtainment every month since the ser- tains must still do duty altho the plan had been to have something yet a certain amount of satisfaction supply its own needs. lies in their ability to take enjoy-

> Much has been written about the spasmodic fury of housecleaning in a soil which is greatly deficient in advance of the seeding.
>
> The bacteria fiving in the lime is applied a year or so in a soil which is greatly deficient in advance of the seeding. days among women; they are ridiculed in no small degree for their lime. These bacteria are the organisms which take the nitrogen out of advantage while the soil is being fitted and bustle, their tired nerves,

some of the male members of the with these germs.

its course and things have gone form of commercial lime to use. canned fruit is still in store, and Hydrated lime should be used in pro- acids as rapidly as possible. that there is underwear ready when just what is there and what is not, ing mother might do. The strips of new paper and the evidence of new paint all add to the pleasures of family life for many months of the year even if the process of changing is not so easily en-

Postal Cut Would Drop 310 Michigan RFD Men

dured. It's worth the discomfort.

proposed by Senator Oddie of Nevada would have to be taken out of the employes, who do not have service contracts, as do railroads, property owners renting to the government. The Department would have to drop 30,000 employes, Mr. holland, Mich. Brown said, suspending daily rural service to tri-weekly on 9,000 rural routes and consolidation of 8,000

Postal clerks, estimates that the bill would mean dismissal of 60 Michigan postmasters, 337 postal clerks. 626 city carriers, 34 village carriers, 45 railway clerks, 12 vehicle service men, 310 rural carriers, or a total of 1,424 men, about half of whom work in Detroit.

Dr. Millar Tells Best Ways To Lime a Field for Alfalfa

On Lime; Application Time Important

By DR. C. E. MILLAR Head of Soils Department Michigan State College

Alfalfa will not make a luxuriant growth on soil deficient in lime. Next

Bureau in Michigan consider a the wife of Barry's first county ag- on a soil deficient in lime. The rea- which are moderately to strongly acid, Washington picnic program July 4, ricultural agent, she early learned son the young alfalfa plants did not about four cubic yards of high grade Secretary Winder of the American many of the needs of farmers in a survive the winter is because, grow-marl to the acre is an adequate appli-Farm Bureau says, "There has never public way. During the war calls ing in a lime-deficient soil, they lacked cation. When the soil is extremely been a time since the Farm Bureau were many for canning demonstra-vigor. Enough alfalfa usually sur-acid, or the marl of lower grade, was organized, when there was a tions. When Michigan Agricultural vives to make a thin spotted stand around five to six cubic yards to the greater need of bringing farm people College could not send an instruc- which will cut some hay, but not acre should be used. enough to make the stand really worth- The manure spreader is the most fidence in their industry and their A few years later she assisted in while. On the other hand, there is convenient implement for applying country. Above all, we must have it clearly understood that the Farm Bureau is a constructive agency, endeavoring to preserve all that is fine deavoring to preserve all that is fine while. On the other hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying often enough hay so that the farmer hand, there is convenient implement for applying of the farmer hand, there is convenient implement for applying of the farmer hand, there is convenient implement for applying of the farmer hand.

Alfalfa Uses Much Lime Three tons of alfalfa hay contain as possible loyal Farm Bureau member ever enough calcium and magnesium to Lime Well in Advance of Seeding The American Farm Bureau offices since it's organization in our state, equal about 283 pounds of limestone.

portion to the neutralizing power Shows Alfalfa Heavy Feeder printed on the package. For example, if hydrated lime has a neutralizing power of 166, it would only take 100/166 as much hydrated lime as it will of ground limestone to correct the same amount of acidity. Dividing 100 by 166 gives us 60 and hence we find that we should use about 60 per cent as much of the hydrated lime men-The nation is paying homage to Mrs. Roy Brumm of Nashville was to drainage, an adequate supply of der to get the same results. Some hy-George Washington during this year elected president of Barry County lime is the most important factor in drated limes have a neutralizing power iversary in some appropriate maning held recently. She is the first Frequently, a seeding of alfalfa will ate quantities of these materials

honor of him as America's First Mrs. Brumm is a farm woman, thin and the plants weakly and the farmer. Sec'y C. L. Brody of the Michigan State Farm Bureau has the perplexities as well as the pleas. It is the perplexities as well as the pleas. Such a behavior is typical of alfalfa.

Such a behavior is typical of alfalfa.

Use Marl When Available When a bed of high grade marl is located in the vicinity, it can frequently be used more economically suggested that every county Farm ures of ordinary farm life. Being Such a behavior is typical of alfalfa than other kinds of lime. For soils

in American life and at the same leader for five years, besides she very poor income for a period of years. load filled out with marl. The spreader should be set to operate as slowly

It is advisable to apply lime a conhas prepared program material and having served for seven years as a This is approximately ten times as siderable time in advance of the seedentertainment suggestions for local county home and community chair- much limestone as is contained in a ing. Several months or a year is more man. She has represented her coun- 25 bushel crop of wheat, counting both satisfactory than applying lime im-



SOUR LAND

Alfalfa does not grow well on lime deficient soil. LEFT, alfalfa on sour land. RIGHT, alfalfa on a portion of the same field which was limed.

new. But it is the nature of farm grain and straw, and about five times mediately before seeding. Frequently

their upset household schedule and the soil air and convert it into a ted for a crop of wheat in which the the discomfort they inflict on other form that is of benefit to the alfalfa alfalfa will be seeded the next spring. members of the family through these annual upheavals.

crop and also the crops that follow.

Alfalfa which is not assisted by these in the spring for oats or barley in But isn't there a lesson of order- nitrogen-fixing bacteria is not so rich which the alfalfa is to be seeded. At liness that comes out of it all that in protein and is not so good a feed as this time of year the soil is wet so might well be patterned after by alfalfa which is thoroughly inoculated that an application of lime is difficult

clevises, ropes, screw drivers, neck yokes, horse shoes, nails, fence of fine material which will pass an later date, there is also not much time stretchers, and a thousand and one or even more things that might be put to almost everyday use, if some such periodical epidemic might cirsuch periodical epidemic might cir-culate among the men folks in the barns, sheds and tool houses?

Yes, it is a peculiarity of womanhood to contract "house-cleaningitis" southern Michigan. Under most conevery so often, but after it has run ditions this is the most economical plied at this time, the lime should be

are no moths in the house, and that thing that is served to him can open the door to better things. the furniture looks more inviting in its new setting and that one knows usually do more to get the child to Duncan-Clark. to the very depth of ones closets eat as he should than all the talk-

ClassifiedAds

Classified Advertisements are cash with order at the following rates: 4 cents per word for on edition. Ads to appear in two or more editions take the rate of 3 cents per word per edition.

BABY CHICKS

May 7 the Farm News published testimony by Postmaster General Brown before a United States Senate Committee to the effect that an \$80.000,000 postal reduction next year,

SEEDS and PLANTS

more rural routes, etc., Mr. Brown said.

Jerome Surini, of Detroit, president of the Michigan Federation of Postal clerks, estimates that the bill

FARM MACHINERY

JOHN DEERE 10-20 TRACTOR with two bottom John Deere 14 inch plow. Bought last season. Used very little, As good as new. Reason for sale: Change in farm operations. Regular tractor dou-ble disc, used several years but in good condition, goes with it. All for \$650. David H. Brake, Fremont, Mich. (5-28-11)

the membership informed and at the folks to be a class of great faith and as much lime as is contained in the lime may be applied on a sod which is there is always the hope with them stover and grain of a crop of corn to be plowed for a cultivated crop of something better coming and that yielding 50 bushels of shelled corn. The cultivated crop will then be fol spurs them on. And while that It can be seen, therefore, that alfalfa lowed by a small grain crop in which hope still remains as only a hope, makes a heavy demand on lime to the alfalfa is to be seeded or the alfalfa may be seeded alone the next spring Alfalfa Root Bacteria Need Lime | or summer. There need be no fear The bacteria living in the nodules that the value of the lime will be lost

Weather conditions are also not suitfamily?

Don't you think it would bring to light many long lost hammers, will pass an eight mesh screen will work which prevents the lime being

worked through the soil very thorback to normalcy, there's great sat- Hydrated lime gives satisfactory re- oughly to a depth of several inches in isfaction in knowing how much suits, but is usually more expensive. order that it may react with the soil

hot weather comes, and that there Father's example of eating every- The only good reason for knock-



A Little Jumping Goat Gave Its Name to TAXICAB Taxicab is an abbreviation of taximeter-cab-

automatically registering the fare. The name cabriols is the diminutive of the French cabriols, meaning "a leap" like that of a goat, and was applied to this type of carriage because of its light, bounding motion. because of its light, bounding motion.

Cabriole came from the Italian capriola meaning "a somersault," from Latin caper
"a he-goat," tapra "a she-goat." There are
thousands of such stories about the origins
of English words in

WEBSTER'S NEW INTERNATIONAL DICTIONARY

"The Supreme Authority" G. & C. MERRIAM COMPANY Springfield, Mass.

Birds and game add to the interest | Properly landscaped homes sell for of life on the farm, and many joys of from twenty to thirty per cent more childhood on the farm track back to than unplanted homes, according to a real estate survey.



FENCE is strong and durable. It will give many years of efficient service at low cost. It is made by a large steel manufacturer, with years of experience in the manufacture of highgrade field fence. When you buy Farm Bureau Fence you get sound value for every dollar. There is a style and size for every purpose.

Best service can be obtained from Farm Bureau Fence when it is erected on Farm Bureau Steel Posts. These rigid, durable posts are made of high-carbon rail steel to the same quality standards as govern the manufacture of Farm Bureau Fence.

Use good, dependable Farm Bureau products in the new fence you are in the new fence you plan to build.

FARM BUREAU SERVICES, INC. Lansing, Michigan

and DUST



Manufactured under definite chemical control, thus insuring uniformity; certified as to quality and preferred by many leading growers.

GRASSELLI GRADE

Calcium Arsenate Powder Bordeaux Mixture Powder Lime Sulphur Solution Dry Lime Sulphur Kleenup OII

Arsenate of Lead Powder Monohydrated Copper Sulphate Casein Spreader Sulphate of Nicotine Sulforon Flake Zinc Sulphate DUTOX-Our Non-Arsenical Insecticide

THE GRASSELLI CHEMICAL COMPANY

629 Euclid Ave...... 1530 E. Hancock Ave... 2101 Canalport Ave..... 1 Standard Held High for 93 Years

POOL WOOL!

Pool Will ADVANCE Per Pound

Wool Pool advance reduced from 8 to 7c per lb. by National Wool Marketing Corporation, effective May 23. The pool advance is subject to change according to market conditions.

Why sell your wool at today's very low prices (average is 7c to 9c) when the Michigan Co-operative Wool Marketing Ass'n 1932 wool pool will ADVANCE 7c per pound as FIRST

Buyers consider your wool a good investment at prices slightly above or below OUR ADVANCE for later sale to the eastern woolen mills. Why not pool your wool, and OWN THE INVESTMENT YOURSELF?

The Wool Marketing Ass'n is conducting the 14th annual Michigan Wool Pool. We enable members to sell large quantities of expertly graded wool direct to eastern mills. With 25 other State wool pools, we are affiliated with the cooperative National Wool Marketing Ass'n of Boston, recognized by and assisted by the Federal Farm Board.

DIRECTIONS

Prospective members should write for our Wool Marketing Contract which is a farmer contract, clearly and plainly stated and reasonable. No funny business. On return of signed contract, we will ship wool sacks (capacity about 200 lbs.) and shipping tags.

Association members may draw their wool to our Lansing warehouse, 728 E. Shiawassee St., any week day; open from 7:00 a. m. to 5:00 p. m. They may ship by rail or truck collect. Wool is weighed on delivery; wool sacks weigh 4 lbs. and are deducted. Cash advance of 7c per lb. on net weight of wool, made at once. Inbound freight, if any, is paid from cash advance. Also, nominal Wool Marketing Ass'n membership of \$1.00 per year.

The wool pool cannot guarantee any certain profit, nor a certain final settlement date. Market conditions control that. Generally, the pool has made money for its members.

Mail 7	his Marketing	Co Ass'n,	221	Po.	On	St.,	Lansing.
		Date		******			

Please send me a 1932 Wool Marketing Contract. You to furnish sacks for shipping wool at your direction.

I expect to have about lbs. of wool.

HOUSE APPROVES BILL TO RESTORE

System to Stabilize The Dollar

H. R. 11499, which was passed by the House 289 to 60 would require the Federal Reserve Board and Banks to utilize all their powers to restore the purchasing power of the dollar to the

to stabilize the purchasing power of the dollar at that level

Text of the Bill

"It is hereby declared to the policy of the United States that the average purchasing power of the dollar as ascertained by the Department of Labor in the wholesale commodity markets for the period covering the years 1921 and 1929 inclusive shall be restored and maintained by the control of the volume of credit and currency.

"The Federal Reserve Board, the Federal Reserve Board the Secretary of the Treasury are hereby charged with the duty of making effective this policy."

The bill is now before the Senate Banking and Currency Committee. The American Farm Bureau and other farm groups are supporting it. In reporting the bill to the House,

the House Banking Committee re-

marked. "As the emergency feature of the bill, all authorities agree that it is impossible for the debts of the country to be paid at the present price level, and that unless the price level is raised the business of the country is headed for inevitable bankruptcy; also, that the present price level is unjust to debtors."

Michigan representatives voted:

No Claney McLaughlin Mapes

Senate Committee Has The Goldsborough Bill

Washington-May 24 the Senate Committee on Finance and Banking voted 7 to 5 against reporting out the Goldsborough bill to stabilize the dollar, but later agreed unanimously to take it up again May 31. Senator Norbeck of North Dakota said that he believed "something along this line would be reported favorably by the

MICHIGAN ALFALFA \$300,000 IN '31

Production Was 36,000 Bu.: Decker Tells When To Consider Seed

By R. E. DECKER Extension Specialist, Farm Crops Michigan State College

Michigan harvested its largest alfalfa seed crop in 1931. According to V. H. Church, agricultural statistician, our estimated production was 36,000 bushels. The value of the crop based on average farm prices will probably exceed \$300,000. Mr. Church states that the only other field crops to sur pass alfalfa seed in value per acre last year were potatoes and sugar beets.



R. E. DECKER

The good yields of alfalfa seed during the last two years have stimulated an interest in seed production. Many believe that the abnormally dry seasons have caused large yields and that, when we get normal Michigan weather, yields will decrease. Possibly the dry weather had some beneficial effect, although nobody has explained just what part it played in increasing yields. Certainly it helped in producing a high quality of seed.

We can expect, however, that as our alfalfa acreage increases and our hay needs are satisfied, there will be a larger acreage left for seed, even though we may not have as large yields per acre as during 1930 and

1931. The primary reason for sowing alfalfa in Michigan is for hay production. Putting in the crop just to produce seed from it is considered a hazardous enterprise. We may have a good seed year and again it may be a year like 1929, when very low yields of seed were obtained.

would prove to be one

of the most profitable crops from the stand-point of quality feed

and yield per acre. The

adapted to Michigan

falfa for seed?" is a common question that in those fields where high seed man goes into alfalfa seed production common pea bean. from many growers. The only way to yields were obtained, there was no he must also be prepared to make hay.

"When shall I leave a crop of algrowers during the last two seasons expresses the opinion that, when a they do on that other legume, our try for seed on the second crop. Durtry for s

tell is to let the crop come to full time when a large number of blossoms Mr. Perry has had the experience of at blossoming time to determine first crop. bloom and then examine plants in a could be seen, as seed pods formed letting the crop come to full-bloom whether to save the crop for seed.

There is a farmer in this state who is at least worth trying and under the number of places in the field to do would be seen, as seed pods formed letting the crop come to full-bloom whether to save the crop for seed. OLD PRICE LEVEL bloom and then examine plants in a could be seen, as seed pods formed letting the crop come to full-bloom whether to save the crop for seed above conditions it does not involve really takes care of the question as to at present has a large alfalfa acreage above conditions it does not involve the risk of a total loss because it is termine whether or not seed pods are bloom stage many seed pods were Lisle Berry, Cheboygan county farm whether the first or second cutting and expects eventually to have five or the risk of a total loss because if it forming in sufficient numbers. If forming. This is in line with reports er, has had considerable good yields of should be saved. If hay is needed six hundred acres. Whether this is is found necessary to cut the crop for there should be a good proportion of from western and expects eventually and e Directs Federal Reserve there should be a good proportion of from western seed regions, as in a alfalfa seed since 1922. Whether dry badly the grower is, of course, limited used for hay or for seed, or both, it hay, it can be utilized even if not of there seed regions, as in a these seed pods as compared to the good seed year their fields show few weather induces seed setting or not, quite largely to the second cutting for will be an interesting project. In any the very best quality, number of blossoms, it is safe to blossoms at any one time, pods setit is recognized by most growers that his seed crop. If he has sufficient case it will require good management, try for a seed crop. If blossoms are ting on soon after blossoms come out. very hot weather and hot winds at acreage and wants to try for a seed good weather and some fairly fast falling off, leaving the blossom stems | Dorr Perry in Tuscola county, who time of blooming work against seed crop, then the number of seed pods work. Washington—The Goldsborough Bill, bare, the crop might better be cut for has had experience in alfalfa seed prosetting as the blossoms fall off under forming will guide him as to whether. For our average Michigan farm al-

hay. It has been observed by some duction for more than thirty years, the above conditions, very much as to take the first cutting for hay and falfa has demonstrated its worth as a ing the past two years over 95% of they can increase their acreage a little The matter of watching the plants the alfalfa seed was produced on the above their hay needs and try to pro-

duce some seed. It is a venture which

Uncle Ab says more ideas have been killed by conference than by

average level of 1921-29 inclusive and to stabilize the purchasing power of the dollar at that level Text of the Bill Text of

FOR MORE PROFITABLE HAY PASTURE

Our Dealers Offer Farm Bureau

A Summer Seeding of Alfalfa

HARDIGAN

Certified Michigan Grown GRIMM

Other Crops

Seed

MICHIGAN VARIEGATED

and

MONTANA GRIMM

At the Lowest Prices Ever Quoted

HUSKING CORN

Farm Bureau Certified Husking Corn Costs Less Than 50c Per Acre GOLDEN GLOW PICKETTS YELLOW DENT

MANCHU SOY BEANS Emergency Hay, Better than Sudan Grass or Millett Because Protein Content Is Higher

FARM BUREAU ENSILAGE

Has the Breeding Back of it That Insures Heavy Yields With High Feeding Value YELLOW ENSILAGE WHITE CAP IMPR. LEAMING

ROBUST BEANS

Always out-yield all other varieties. That Extra



SEED CROP WORTH "IT WAS EASY TO SEE, -The Mermash Chicks Were Better!"

Farm Bureau Services Lansing, Michigan Dear Sirs:

I thought you would be interested to know of my success with Mermash 16% in raising my chicks. I put 5600 chicks under the brooders this year. 2500 of them were Barred Rocks and the balance Leghorns.

Our success was simply wonderful. We had very few losses, the chicks grew rapidly and they feathered over the back early.

We tried a part of them on another well advertised feed and while they did fairly well, it was easy to see the Mermash chicks were larger and better feathered, and we put them all on Mermash. Our best Rocks weighed 21/2 and 3 lbs. at 9 weeks, and they all averaged better than 2 lbs. In weight at that age.

Hoping that you may continue to supply us with quality feeds at such fair prices, I am

Very truly yours,

Holland, Mich., R. 6 April 29, 1932.

For MERMASH—see your local dis-

tributor of Farm Bureau Feeds

L. VAN WEZEL



MR. ROSE **GETS TWICE** THE OIL SERVICE AT HALF OLD COST

"For five years I used a 30c oil in my Buick car, which is a 1926 model. I ran 900 to 1,000 miles before changing," writes Mr. E. G. Rose of Clare, Clare county.

"October 12, 1931, I changed to Farm Bureau Oil and ran 1,800-miles before draining or examining this oil. I found it was good or better at 1,800 miles as the 30c oil I had been using was at 900 to 1,000 miles.

"The Farm Bureau oil cost about half as much. There being so much difference in quality and price, there was but one conclusion for me,-Farm Bureau Oil."



ASK YOUR FARM BUREAU DISTRIBUTOR FOR

MIOCO 100% Paraffin Base BUREAU PENN 100% Pennsylvania oil

In 5 gallon cans and drums at Farm Bureau prices that will save you money. 25,000 Michigan, Ohio and Indiana farmers use our oils and greases.



FARM BUREAU FERTILIZER FOR YIELD

LATE CORN POTATOES

BEANS

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

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

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

> Farm Bureau Fertilizers are extra dry, free running and easy to regulate in the drill

The Right LIME For Your Needs

Agstone Meal (bulk only). Farm Bureau Pulverized Lime (bulk, or 80 lb. bags). Farm Bureau Hydrated Lime, 50 lb. sacks. Ask Local Farm Bureau Dealers for Prices

FARM BUREAU BINDER TWINE

THE BEST TWINE FOR YOUR MONEY



SMALL BALL

We make it extra strong, smooth and trouble free. Insect treated twice. Machined 9 times for perfect smoothness. Four times during the manufacturing process it is checked by automatic machines for even size and strength. Lumps and knots are eliminated. Our 1932 prices are the lowest in history for this quality twine. It's cheaper to buy the 600 and 650 foot sizes.

500-600-650 Foot Sizes Guaranteed Full Length and Strength



LARGE BALL

KILLS FLIES!

Farm Bureau Fly Spray has no superior for cattle and other out door uses. The price is right. Our KILL-FLY for household use kills flies, mosquitoes, moths, ants, other insect pests. Will not stain curtains or furniture. See your co-op.

Farm Bureau Services, Inc. Lansing, Michigan

KILLS WEEDS!

ATLACIDE, the chemical weed killer, is an efficient, cheap, labor saving, positive weed killer. Not poisonous or inflammable. Kills quack, poison ivy, thistles, all weeds. 1 lb. per 100 sq. feet. Spray or dust.