A Newspaper for Organized Michigan Farmers

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Issued Semi-Monthly

FACTS COME OUT IN PROTESTS ON STATE LAND OIL LEASES



Newspaper Examines Midland-Isabella Oil Fields Leasing Which Caused Farmers, Supervisors and Farm Bureaus to Criticize Conservation Department.

In our edition of December 13, the Michigan Farm Bureau News reported the resolutions of the Midland and Isabella County Farm Bureaus, demanding cancellation of certain oil leases on State lands, granted by the State Department of Conservation to private oil corporations.

The action of the County Farm Bureau boards was taken as the result of information placed before them by the State VOYLES FERTILIZER Farm Bureau Department of Taxation, which has been investigating the leasing situation in that and other sections.

While the State Farm Bureau has been continuing its in Meetings Are Well Attended; vestigation and has been studying the situation, The Detroit News on Sunday, December 28, in an article written by Mr. James Sweinhart of the News staff, made public much of the information laid before the Midland and Isabella County Farm Bureau boards and considerable more that the News 6th heard Mr. Otto Voyles, authority burden. Endorsement of a state in has developed.

The article is of interest to all Michigan farmers. We are deliver his address on Fertilizer Facts president; Mr. Arthur Potter, vice reproducing it in this issue of the News. It will be of interest sents in his talk the browledge gried retary and treasurer. All reside not to know that Mr. Fred Sias has long been a member of the in 32 years as a manufacturer and ob-Midland County Farm Bureau. Mr. Sweinhart's article fol- some very valuable information from

State Land Oil Leases Call Forth Protests

Homesteaders, Small Operators and Farm Bureaus Livingston County Co-op Ass'n at Charge Discrimination By Conservation

Commission.

By JAMES SWEINHART

With approximately 10,000 barrels of high grade oil being taken daily from the Mt. Pleasant field, much of it from lands leased from church, 12 noon, auspices of Shelby the Michigan State Conservation Commission, a state-wide wave of New Era Co-op Ass'n. criticism is developing concerning the basis of the leases by which the Pure Oil Co., an Ohio corporation, on May 14 and Aug. 14, 1928, got, from the State of Michigan the oil rights under 5,373 acres in Midland and Isabella counties.

The criticism, voiced, at first feebly, by farmers, homesteaders op Ass'n. and small operators; then by the Board of Supervisors of Isabella county in resolutions characterizing the leases as "unjust and inequitable" and calling the matter to the attention of Gov. Green; Farm Bureau Service distributors in then by resolutions by the Midland and Isabella County Farm Bureaus calling on the State Farm Bureau to demand cancellation of the leases, is directed along three principal lines. It is charged:

1. That these oil rights, of immense value, were not offered at the State's land, the Conservation public auction—as has been the prac- Commission should have known the tice in all other oil states-but were great value of the lands in its posleased to the Pure Oil Co. by the Con- session and, by using ordinary busi- terms upon which the Conservation servation Commission without adver- ness judgment, could have withheld Department leased large tracts of tisement or notice of any kind to leasing to any one until the present lands in Midland and Isabella counties scores of other parties who had at- time, when the lease of these same to the Pure Oil Company may eventtempted to apply for leases, or with- lands, at public auction—as shown ually cost the state a huge sum of out the Conservation Commission by the more recent lease of United money, came to many observers today even looking up such other parties States Government lands in the same when the Conservation Department to see if they would offer better locality-would have brought the issued a statement which shows that terms than those offered by the Pure State of Michigan millions of dollars. in spite of the poor bargain which

us"; by allowing the Pure Oil Co. re- lating the drifling of oil wells, pass- treasury every day. mission of rental on 80 acres for ed by the 1929 Legislature, which The Department's statement points every well drilled and by its failure makes the log and borings of well, out that there are now but six paying to withhold, to the State, alternate filed with the state geologist, "con- wells in the Mt. Pleasant district. It 80-acre tracts-"checker-boarding" fidential and not open to public in- is customary in that section to drill as it is called in oil-field terminology spection". R. A. Smith, state geolo- one well to each 10 acres of land in the natural carrying-out of the drafted by him after a study of the now under fire, cover over 5,300 acres ence or absence of oil on land still he sent it to the office of Attorney- seen that there is a strong prospect in the possession of the State, the General Brucker it contained a clause of a huge revenue from this source as lease highly discriminatory in favor confidential "for 90 days only"; that possible revenue, through failure of of the Pure Oil Co. and against the the law was later redrafted and, over the state to close these much-soughtinterest of the taxpayers.

wolume already brought in close to

(Continued on page three)

TALKS ARE LIKED

More Coming Next Week.

on complete mixed fertilizers, repre- come tax was included. senting Farm Bureau Service, Inc., server. Farmers agree that they got

Farm Bureau Services and local cooperative ass'ns have arranged a number of dates for Mr. Voyles in the next two weeks. Farmers are invited to attend the meetings.

During the week just closed well attended meetings were held by the Fowlerville Farmers Elevator Ass'n, Howell, Watertown Co-op at Sandusky, Marlette Farmers Elevator, Farmers Co-op Ass'n at Caro. Forthcoming meetings are:

Jan. 13-Midland, Community hall, 12 noon, auspices of Farm Bureau Supply Store.

Jan. 14-Shelby, Congregational

Jan. 15-Grant, Community Bldg. 2 noon, auspices of Grant Co-op

Jan. 16-Stanwood, M. E. church, 0:30 a. m., auspices of Stanwood Co-

Jan. 17-Jackson, City Library, W. Michigan avenue, 1:30 p. m., auspices Jackson county.

OIL ROYALTIES TO

Realization that the unfavorable Another sore spot in the situation the state made, more than \$300 in oil That, by not requiring a "bon- is that clause in the new law regu- royalties is now flowing into the state

thus compelling the Pure Oil Co., gist, says that the law was originally under lease, and as the state leases, terms of its lease to prove the pres- oil laws of other states; that, when of mineral rights, it can readily be Conservation Commission executed a making the log and boring samples well as a prodigious loss of other his objection, the confidential period after lands at terms similar to those 3. That, with one well of good was made permanent at the request upon which its latest offerings have been disposed of.

Lapeer Co. Endorses Tax Reform Program

At its recent annual meeting, the Lapeer County Farm Bureau again endorsed the State Farm Bureau's program of tax reform, calling fo better budgeting measures calculated to promote economy and efficiency in the use of public funds, and a re ITHACA, Jan. 9-Two hundred vision of the tax laws which wil ratiot county farmers on January more equitably distribute the tax

Mr. Ralph Davenport was elected retary and treasurer. All reside near

Some Real Hard Luck

A Detroit car owner filled the radiator of his car with a patanti-freeze compound withtelling his wife about it; she proceeded to have the radiator drained the next day and refilled with fresh water and the requisite amount of alcohol also without telling her husband; the following, night, he left the car in a prohibited parking area downtown, the police towed the car to the pound and because the car was to be left overnight, drained the radiator of its entire contents, leaving the owner with the necessity of beginning Biological Survey to reorganize and his protective preparations anew in assume charge of its predatory the morning.

CENTRAL MICHIGAN OIL

Above, Mr. Fred A. Sias, whose enthusiasm and leasing activities brought the Pure Oil Company into the district.

Scenes, upper left and top-Rapid changes of the appearance of the countryside are taking place along the line between Midland and Isabella Counties—a great new oil field is being developed. Some of the changes are colossal in scale—as, for instance, that shown in the top picture, where Pure Oil Co. has cleared away the growth on a hundred acres of cut-over land to make way for a great "tankfarm." To date three tanks have been erected, each having a capacity of 55,000 barrels. Below, at the left, is shown the Dow Chemical Co.'s brine well No. 57-where oil was first struck in a quantity that revealed its presence in commercially profitable volume. The oil splashings can still be seen on the sides of the derrick-house.-Photographs courtesy of the Detroit News.

Reorganizing

In an effort to speed up complete control of predatory animals in Michigan the Conservation Commission will obtain the services of a representative of the United States animal control system.

operations for this reason.

News a successful trip.

ELEV. EXCH. TO

The Federal Farm Board at Wash-

Farm Bureau, Dean J. F. Cox and brave talk about justice and the Gifford Patch, Jr., of Michigan State necessity of defeating the out state College, have been requested to ac- counties which are infected with company the Elevator Exchange "rural prejudice". The more recent directors.

\$580,000 IN FARM **ESTATES CREATED**

The Michigan State Farm Bureau, state agent for the State Farm Life Insurance Co., announces that in the short time the company has been in operation in Michigan, it has sold Michigan farmers \$580,000 in life insurance, and therefore has added that much to those farmers' estates if they continue it and outlive the

settled as a claim before that time. State Farm Life operates in the same states as does the State Farm Mutual Automobile Insurance company. The Michigan Farm Bureau has sold more than 46,000 automobile

premium period, or if the policy is

WEIGHT TAX GRAB

Goes To Court Rather Than Risk Any Kind Of A Vote.

ACTS ON TECHNICALITY

Success Would Take Eight Millions From State Road Funds.

Apparently being in some doubt as to whether a referendum vote by the people of the state would sustain them in their efforts to grab the cream of the weight tax, Wayne county political forces have announced plans by which they hope to secure a huge slice of these funds without risking a vote either by the Legislature or the general public.

In an opinion dated December 21, James E. Chenot, prosecuting attorney of Wayne county, advised the Wayne county board of supervisors that the statutes of Michigan show Wayne county should have received back practically the whole amount of weight taxes paid in by its auto owners since 1927, instead of about half of this sum. He advised the board to authorize steps looking toward the enforcement of this claim said to amount to about \$8,000,000 through

Although the Wayne county board has not yet taken any action upon this recommendation, a representative of the Wayne prosecutor's office conferred with Governor Green and Attorney General Brucker on January 2, following which it was reported that the Governor had consented to waive technicalities so that Chenot might bring suit prior to January 13, the next meeting date of the Wayne county board.

The proposed suit involves a loosey drawn paragraph in the 1927 weight tax law which inadvertently was permitted to be enacted in such form as to provide for the distribution of both halves of the weight tax back to the counties. Farm Bureau ngton will interview the Board of officials discovered this error during Directors of the Michigan Elevator the last session of the Legislature and Exchange at Washington January incorporated into the Thomson Bill 27th. The purpose of this trip is to provisions which would have correctendeavor to secure from the Federal ed the error, but the Thomson Bill Farm Board a loan to assist co-opera- was allowed to die in committee.

tive elevators of Michigan finance Outstate observers are enjoying the their business. In some sections of mad scramble of Wayne county and this state, particularly the Thumb, Detroit politicians to see who shall money is scarce and hard to get. Co- obtain the credit for "bringing home operative elevators in that section the bacon" in the form of a huge adhave been badly handicapped in their ditional slice of weight tax money. At the same time there is a general ten-The directors of the exchange are dency to thank Prosecutor Chenot for very hopeful that they will be able putting the recent Wayne county agito report through the Farm Bureau tation in its true light. The original plan for pressing the Dykstra Bill Secretary C. L. Brody of the State was surrounded with a great deal of move, however, clearly shows that the main idea is to "get the money" regardless of the method used.

Meanwhile, efforts by the Welsh-(Continued on page two)

Delegates

County Farm Bureaus are entitled to send one delegate to the annual meeting of the Michigan State Farm Bureau for each 100 members or major fraction there-

Get your delegation picked as soon as possible and forward the names to State Farm Bureau headquarters.

Get your resolutions to state headquarters early so they can be put into shape before the last minute rush comes at convention time.

Twelfth Annual State Farm Bureau Meeting at East Lansing, Feb. 6-7 All Farm Bureau members are invited to attend the 12th an-

nual meeting of the Michigan State Farm Bureau at State College, Thursday and Friday, Feb. 6 and 7, during the closing days of Farmers Week.

BUSINESS SESSIONS

Will be in Room 400, fourth floor of the Agricultural building, starting at 10:00 A. M. Thursday morning and continuing through Friday until the work of the convention is completed.

Each County Farm Bureau will be represented by a voting delegate for each 100 Farm Bureau members or major portion thereof. Also by Farm Bureau members, who have privilege to enter the discussions which will come up.

Thursday afternoon the meeting will be addressed by Secretary M. S. Winder of the American Farm Bureau Federation.

FIFTH ANNUAL BANQUET

Thursday evening the fifth annual Farm Bureau banquet and old time dancing party will be given. Tickets for the evening will be \$1.25. Tickets may be ordered now or reservations made. advise that reservations be made early. The Union Memorial building banquet hall seats a little more than 900. Tickets are

Miss Mary Mims, of Baton Rouge, specialist in community organization for the Louisiana State University, will speak at the banquet. Other features of the evening's entertainment will be announced later.

RESOLUTIONS All Farm Bureaus are urged to get their resolutions to State headquarters at once for attention of the Resolutions Committee.

INSURANCE AGENTS' LUNCHEON The third annual luncheon of State Farm Mutual Automobile Insurance and State Farm Life Insurance Co. agents will be held at the Union Memorial building at the College Wednesday noon,

February 5. A splendid program is being prepared.

MICHIGAN FARM BUREAU NEWS

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FERN DAVIS

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

MICHIGAN STATE FARM BUREAU

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Editorials

OUR BOY SCOUTS

The Boy Scouts of America celebrate their Twentieth Anniversary February 7th to 13th, 1930. During the past year Boy Scouts in the rural territory of America have rendered exceptional service, of great economic value to their respective communities. One phase, which deserves special mention, is the planting of trees. The once fast disappearing black walnut is being restored to America in no small part through the efforts of Boy Scouts. Groves of these young trees are growing at many places in the United States from seeds which came from the stately black walnut which overhangs the grave of Theodore Roosevelt at Oyster Bay or from the trees of the Robert E. Lee estate at Arlington, Va. There have been many plantings made of shag bark and other hickories, of butter-nuts and other important nut trees characteristic of the species to be found in a particular locality. Scouts have also helped to plant shade trees and flowering shrubs along public highways and are doing their part to make rural roadways of America more attractive and in-

The Boy Scout movement provides a program diversified enough to meet the needs of all boys. This program has been so deftly built up that it provides for the city boy, the boy in the suburbs and the boy on the farm and in the small town or village. Under the supervision of the Department of Rural Scouting, thousands of country boys have an opportunity to enjoy a scouting program especially adapted to their every day needs. Country boys have difficulty owing to the problems of travel and farm tasks, in meeting at stated intervals with other boys. For them there is a special rural program suitable for an individual or small groups. Thirty-six of the cighty-nine Merit Badges in the Boy Scout vocational guidance program are on subjects pertaining dixetly to country boy activities and farming. The Boy Scout program does not aim to turn a country boy into a city boy, or vice versa, but it does seek to give each a distinct program and opportunity for advancement and reinforcement in connection with his own home and the business of his family. Emphasis upon its several activities will be made by the Boy Secuts of America during the week in which it celebrates its twentieth anniversary.

TAX DODGERS ARE SLIPPERY

"The difference between private finance and public finance is this: The private individual first determines his income and then plans his expenses, but the public official first decides how much he will spend and then collects the necessary income." Economists have spoken thus for years, from the class room and from the press. And for years farmers and other taxpayers have voiced vain protests at officials who have blithely shot the cost of Government up, and then up some more.

Regardless of the dictum of the professors, we wonder whether it is necessary or advisable to turn our public officers loose with a blank check when they are planning next year's expenses. We know that in our own business, when times are bad and money is scarce, that it is the time when we cut expenses. It is the same with officials, save for the fact that it is the exception rather than the rule for our public officers to reach a point where every dollar must be made to count.

It is time to place our officials under definite restraints in the spending of taxpayers' money. They should be required to operate on the same basis as the private citizen and to limit their outlays to conform to the amount of revenue the taxpayers can afford to provide. The American Farm Bureau is squarely back of such a program and the Michigan Farm Bureau has been active in support of this sort of legislation for years.

The highest type of public servant today gladly admits that the main trouble lies in the fact that it has been too easy to raise taxes under existing laws. In a recent statement outlining needed changes in Ohio's tax laws, Governor Myer Y. Cooper told the people of Ohio that the tax system "should provide enough revenue, but no more than is absolutely necessary for carrying on the government of the State and its political subdivisions in a progressive yet economical manner".

Although the voters of Ohio have just amended their State Constitution to permit the more effective taxation of stocks, bonds, notes and similar intangibles, it does not appear that the State has by any means solved the problem of subjecting this important class of property to taxation.

Ohio residents with large holdings of intangibles are resorting to the expedient of placing this property under trusteeship in other States where it will be exempt from Ohio's tax laws. Attorney General Bettman of Ohio has advised the State Tax Commission that it is without authority to levy taxes on property which has been so disposed of, even if the motive behind the transaction may have been the evasion of taxes.

"The fact that one disposes of his property for the purpose of avoiding taxation thereon does not in itself affect the validity of the transaction", the opinion states.

The amendment to the Ohio constitution designed to promote the taxation of intangibles was secured only after a struggle which has been carried on for a period of more than twenty years, and much credit for its final passage is due to the Ohio Farm Bureau. However, the attorney general's opinion would seem to show that it will still be relatively easy for the more wealthy holders of intangibles to escape taxation in Ohio.

Land Bank Loans Show **Tendency To Lighten**

Five and One-Half Per Cent Is WAYNE CO. TAKES Interest Rate Being Charged Now

The reason why the Federal Land Bank of St. Paul continues to lend money at a low interest while the money market is tight and interest rates advancing was explained today by F H. Klawon, its president, as follows: "The Federal Land Banks obtain

of tax-exempt, long-term bonds. These investing public that the quotations on people. It adds one-half or more of one per cent to the income by exempting the principal and interest from taxation. But the principal reason for the bonds bearing a low rate of interest is the collateral itself back of them, the supervision of the system by the Federal Farm Loan Board and the representation of the public on the board of directors of the 21 banks. Back ed and the borrowers have agreed to payment each year on the principal. Thus as the years pass the collateral Bill. back of these bonds should increase and the already ample margin of safety from the investor's standpoint ecomes greater.

The Act creating the 12 Federal and Banks not only limits the amount which can be loaned to 50 per cent of he appraised value of the land and 20 per cent of the appraised value of the permanent, insured improvements, but t says that a principal consideration n appraising these lands shall be their agricultural production value. Further t limits the size of the loan to \$25,000 o any one borrower and requires is lacking in the diet. This element hat preference be given to loans of \$10,000 or less. That this has been lone is shown by the fact that the av-

rage loans is a little less than \$3,500. "How long it will be possible for the Federal Land Bank at St. Paul to lend at the present rate of interest annot be foretold. If the present demand for loans keeps up it probably will not be many months before the supply of money at that rate is exnausted and if the money market at that time happens to be high the bonds will probably have to bear a little nigher rate of interest, which will nean that farmers borrowing from the Federal Land Bank at that time probably will have to pay a fraction of 1 per cent more for their loans. The rate at which the bank is lending now is practically as favorable as at any one-half per cent."

NEW COURSE IN WEIGHT TAX GRAB (Continued from page 1)

their money to loan through the sale the question and an active cam- not be less than 11/2 inches. paign for funds to finance propoganthem usually follow quotations on troit taxpayers who have been count- from 5 to 6 per cent. road construction out state.

On the other hand, the threat of the Dykstra Bill has served to unite out state interests. At a gathering of officers of the Michigan State Good Roads Association and the Michigan Association of Road Commissioners in Lansing January 6, plans were made for a statewide educational campaign to show the fallacies of the or more than \$1,000,000,000 in Federal Dykstra measure. The State Farm Land Bank bonds outstanding are Bureau has been assured by officers did two years ago in securing an inquiries from fishermen. pay the interest promptly and to make equitable solution of highway tax

Reduce Soft Shell

Thin and soft shelled eggs are a onstant problem to poultrymen, particularly to those who ship to market. Thin shelled eggs break in transit and cause Joss of profit and good will.

Eggs of this type are a sure indication that an important element s calcium carbonate, the mineral hat makes eggshell.

It is present to a certain extent n food and water, but for maximum production of thick shelled eggs it should always be available to your poultry as a separate element.

Keep a plentiful supply of crushed yster shell in the hopper. By doing as they actually need.

time during the last 13 years-5 and oyster shell increases egg production much as 45. by 30 to 50 eggs per hen in a year. Its important bearing on your profits Remove stains from fabrics while emphasizes the importance of getting types of soil in addition to muck and closing and opening books in Kent hibits will be characterized more by

What The Law Says **About It**

Under this heading, in future issues of the News, Mr. W. H. Wise of Lansing, attorney, will conduct a legal department for readers of the Farm Bureau News. Readers should submit their legal questions to the Michigan Farm Bureau News, Lansing, Michigan. There will be no charge to readers for this service.-Editor

1929 POTATO LAW **COVERS RETAILING**

Retail Sales Must Show the Grade and Weight by Stamp On Each Package

The new law requires potatoes sold in retail stores to be sold by weight; and according to grade; the weight and grade must be stamped on the Act No. 230 of the public acts of coal and other commodities.

expose for resale, or sell, transport, deliver or consign or have in possession potatoes prepared for market unless the container has been legibly and conspicuously tagged, branded, nual session on December 12, adopt- longer a nation of little groups scatlabeled or stenciled before being re- ed resolutions which are carried tered out through the wilderness, moved from the premises where pre-pared for market with the name and

The potatoes, no matter in what type of container they may be, whether in baskets, crates, bags or paper sacks, shall be designated as to 3 grades: U. S. Fancy, U. S. No. 1, and U. S. No. 2, U. S. Fancy, U. S. Paper. to 3 grades: U. S. Fancy, U. S. No. 1, and U. S. No. 2. U. S. Fancy are designated as potatoes of one variety which are mature, bright, well shaped, free from freezing injury, soft rot, dirt, or other foreign matter, sunburn, second growth cracks, hollow heart, cuts, scab, dry rot, disease, insect or mechanical injury and other defects. The size is to be stated in the state of the Revolution, down to the present, pointing out that while the tax was quite equitable before the Civil War, the later industrialization of the Nation had rendered the tax unsuitable. "Butchers, surgeons, and wholesalers can't be separate from non-profit deriving property.

"3. Resolved—That the tax law are defects. The size is to be stated in the time of the Revolution, down to the present, pointing out that while the tax was quite equitable before the Civil War, the later industrialization of the Nation had rendered the tax unsuitable. "Butchers, surgeons, and wholesalers can't be adequately taxed under the general property tax." he said "We must be supported by the time of the Revolution, down to the present, pointing out that while the tax was quite equitable before the Civil War, the later industrialization of the Nation had rendered the tax unsuitable. "Butchers, surgeons, and wholesalers can't be adequately taxed under the general property. defects. The size is to be stated in terms of minimum diameter or minishould be changed to fit the times, ameter be less than 2 inches.

U. S. No. 1 grade includes potatoes Law. of similar varietal characteristics which are not badly misshapen which that the next Legislature should subhollow heart, cuts, scale blight, dry scheduled to take place in 1933. potatoes which are no tless than 11/2 Co. Treasurer. inches in diameter and which meet "6. Resolved-That we favor rais- Isabella County Holds 1, 11/2 inches minimum."

U. S. No. 2 shall consist of pota- ment. promote the Dykstra Bill continue toes of similar varietal characteristics,

feature, of course, appeals to many has as its goal the curtailment of the court for violation of this potato the ideal of that living high."

These farms have been twice apprais- willingness to co-operate now as they tion Department answering numerous Harrington, secretary, reports.

great northern pike, suckers, mullet and redhorse, in any inland lake during the period when those lakes are Production in Eggs day for pike and for pickerel is five of not less than 14 inches in length. The only spearing permitted in

non-trout streams is during April and May when all non-game fish, principally catfish, bullheads, suckers, mullet, redhorse, carp, garfish, dogfish and sheephead, may be speared in non-trout streams. Great northern pike and pickerel may be speared only during the month of May in non-trout streams. Pike-perch, commonly called walleyed pike, cannot be speared at any time in inland waters,

28 Minutes Per Cow

A study of the cost of milk pro duction on 48 Wisconsin farms, made by the Bureau of Agricultural Economics, United States Departso you give your hens free access to ment of Agriculture, and the Unicalcium carbonate in its purest form. versity of Wisconsin, showed that It is not wasteful to do this, be- the amount of man labor averaged cause the hens will eat only as much 171 hours per cow annually, or 28 minutes a day. This labor included Be sure to get properly washed, milking, feeding, caring for utensils, dried and screened oyster shell. It and cleaning the barn, but not haulwill be clean, pure and economical, ing manure from the barn, delivering If it has been correctly sterilized, it milk, or caring for young stock. will be free from rat-gathering odor. Some farmers spent as little as 20 The daily use of pure crushed minutes a day per cow, and others as

DIRECTOR OF FIELD SERVICE

Mr. L. A. Thomas, manager of Farm Bureau Services, Inc., announces two appointments of interest to farmers co-operative business in Michigan.

Mr. Robert H. Addy, dairy and poultry feed sales specialist, is now ics of Wisconsin University in a lec-Director of Field Services, in charge ture delivered before the Annual container, or on a slip with the sales.

Michigan, 1929, went into effect last Bureau business departments since August and provides that potatoes be 1921 and well known to all Michigan Agent's program. The law provides that it shall be co-operatives associations, will here-

Eight Resolutions

"In looking back over the events

"3, Resolved-That the tax law mum weight following the grade and we believe that a fairer basis name, but in no case shall the dienactment of a State Income Tax "4. Resolved-We recommend

are free from freezing injury and mit to the voters, an amendment to soft rot, and from damage caused the Constitution relative to reapporby dirt or other foreign matter, sun-tioning the State into Senatorial and burn, second growth, growth cracks, Representative Districts,-which is

toes or round variety shall not be less building there should be no smaller to be to smaller to be less than 1% inches and the potatoes of than 1% inches and the potatoes of the could be collected by the his plant in taxes in five years." long variety 1% inches, but lots of in the Co. should be collected by the

the remaining requirements of this ing the percent of stain in unadaptgrade may be designated "U. S. No. able imported seeds, to 50 per cent, -instead of the present low require-

"7. Resolved-That we recomunabated. A conference of repre- must be free of injuries and diseases mend all efforts to secure an upward sentatives of Michigan cities has designated in the other two grades trend in the tariff laws-thus keeping been called at Jackson to consider and the diameter of this grade shall for the farmer, the American Market, on a parity with other industries.

A low percentage is allowed in all "8. Resolved-We urge all women bonds are so well thought of by the da has been launched. There are three grades to provide for variation members of Farm Bureaus to corumors, however, that some of the De- in grading and handling carrying operate and give their support to the movement inaugurated in the slogan, government bonds and they do not ed upon to support this move are The law provides a penalty of fine "An American Standard of Living fluctuate widely. Their tax-exemption hesitating to back a campaign which and imprisonment at the discretion of on the Farm",—and to help make

F. Bureau Community Has 5th Annual Fair

Jackson, Mich. The fifth annual fair sponsored by the Rives-Henrietta Farm Bureau was held recently at LANSING-The 1929 Inland Fish- the Masonic temple at Laytons Coring Law permitting winter spearing ners. There were more than 200 enthrough the ice applies only to in- tries with \$32 in cash prizes paid on township; Ralph Collin, Union land lakes and does not apply to wheat, oats, rye, barley, clover, beans, township; William Bleise, Nottawa; mortgages on more than 400,000 farms. of the Road Commissioners of their streams, according to the Conserva- corn, potatoes, apples and eggs, G. M. Lloyd Lowery, Isabella township. W.

In the ladies department premiums The new law permits any Michigan were paid on bread, cake, pies, canquestions, and to defeat the Dykstra resident to spear pickerel, grass and ned fruit and on aprons and dresses which were made from some types of Farm Bureau feed sacks. Seven new board will meet the week of Janschools exhibited their work and frozen over. The catch limit for one prizes. In the boys and girls club department premiums were given on potatoes and canned fruit. The ladies extension classes ex-

hibited their work. Cafeteria supper was served by the ladies. The at tendance was more than 200.

Livestock Notes

rucked by Brooks. Bros. of Haslett, 3 to 7. Michigan.

bove the market top for that day.

Keeping Accounts

1928. This was increased to 30 for practically every important farm or-Plans are under way for the ganization in the state. work in 1930. The 1929 books will Entertainment features and talks be closed the last of January and new by national figures in the farm and books started on February 1. This business fields find their place on the Macomb County has 23 different date has been taken as the time for schedule, as in past years, while ex-County.

SUGGEST CHANGE IN TAXING PLANS TO HELP FARMERS

Economist Points Way To a More Equitable Spread Of School Tax

ELIMINATE LOCAL UNIT

College Speaker Also Urges Caution in Advancing New Tax Ideas

East Lansing,-More State aid for local schools, and the introduction of the income tax as a substitute for the general property tax, were proposed by Dr. B. H. Hibbard, Head of the Department of Agricultural Econom Agents here Dec. 19. The talk was the Mr. Boyd Rainey, with the Farm third of a series of four lectures given by Dr. Hibbard upon the

unlawful for any person, firms, association or corporation or agent to support for schools was advocated by Dr. Hibbard on the ground the support for schools was advocated by Dr. Hibbard on the ground the support for support for schools was advocated by Dr. Hibbard on the ground the support for support fo ern conditions, education is a mat-

ter which concerns the whole State. "We are trying to carry things locally that shouldn't be carried Cass County Farm Bureau, in an- locally," Hibbard said. "We are no but we are still taxing as we did then.

address of the person, or persons, responsible for the grading and packing and the name of the grade, toing an angle of the grade, toing an a

property tax," he said. "We must depend upon the States to employ the newer forms of taxation, the taxes

At the same time, Dr. Hibbard cautioned that there were limits to the extent that new taxes could be introduced as long as the States are acting independently. "The reason we don't tax income more heavily in Wisconsin," said Hibbard, "is that we are afraid if we do we will drive rot, disease, insects or mechanical or other injuries. The diameter of pota-

11th Annual Meeting

At the 11th annual meeting of the Isabella County Farm Bureau, Jan 3, at Mt. Pleasant, plans were made for a series of community meetings throughout Isabella county and for night classes at the Mt. Pleasant high school to study farmers soil problems under supervision of Michigan State College with E. J. Grambau, instruc tor at the high school, in charge.

R. Wayne Newton of the State Farm Bureau Tax department urged the appointment of a taxation committee for the County Farm Bureau with a subcommittee of one man from each township. The committee would work on tax problems in co-operation with the State Farm Bureau tax department. Directors were elected for the en-

suing year. They are: Walter Gretchell, Lincoln township; R. V. Hoyle, Union township; John Watson, Denver township; R. N. Kennedy, Union J. Hazelwood of Mt. Pleasant has been secretary of the board since 1920. He is also secretary of the Cooperative Elevator and the Co-operative Live Stock association.. The uary 20, to elect officers.

Plan Big Business For Farmers' Week

A general clearing house of information on the most up-to-date farm ideas and practices, with leaders among Michigan farmers themselves directing the discussion, will Detroit Packing Company paid be one of the big features of the Michigan Live Stock Exchange \$12. annual Farmers Week at M. S. C. 75 for eighteen steers averaging 800, to be held this year from February

Decided cutting down of "general" Malooly & Azar bought a very fancy programs, with much more time albunch of lambs from Michigan Live lotted special subject matter meet. Stock Exchange this week, for their ings and informal gatherings, marks Christmas trade. There were 120 in the preliminary program for the the shipment, consigned by The week. Greater opportunity for visit-Lakefield Farms at Clarkston, Michors at the big conference to get toigan. They averaged 87 pounds and gether for practical discussion of prought \$13.50, which was 25 cents their special problems is thus afford-

That more than 30 of the leading Michigan agricultural societies and groups will hold meetings during Fifteen Kent County farmers kept Farmers Week is shown by a review ecounts of their farm operations in of the program. The list includes

the general plan of showing.

Facts Come Out In State Land Oil Leases ing.

(Continued from page one) of the representatives of two oil companies

Wildcatting

indicating oil, is called "wildcat" then had the oil rights. line and strikes oil, the owner of the lease and \$6,280 bonus. an "offset" well.

are a rental of 50 cents per acre per trict were alive to the situation. With tably "Joslyn Well No. 1", on the year with one-eighth of the oil pro- land available for lease getting southeast quarters of the southwest duced going to the owner of the scarcer every day, a lot of eyes were quarter of Section 12, Chippewa the State lands rent free. The usual terested, since which time it has been equivalent in cash, is called "royal- thousand acres of former State lands further to put leases at a premium. it shows oil or not, it is customary homesteaded the surface, but it reto remit the rental on that particu- tained ownership of the oil and min- Well, and separated from State lands lease lar 40-acre tract on which the well erals rights underneath.

competition for leases is keen, land ance man of the same; John Cassidy ment. It is part of the Indian lands owners not only get "rent and royal- and James Brown of Midland, and a belonging to the Mt. Pleasant Indian ty" but also demand and get a "bon- score of others all have detailed ac- school. On January 9, last, the us"-a lump sum, paid in cash, as a counts of their attempts to lease Federal Government advertised the consideration for closing the deal. some of this land from the Conserva- rights under this 40-acre tract for The stiffer the competition the high- tion Commission during this period, sale and on the date above sold it er the "bonuses" paid. A 50-cent and the futility of their efforts. It at public auction-for standard lease with the State, shall be confidential rental and one-eighth of the oil is just couldn't be done. Why, they plus a bonus of \$27,600. The East and not open to public inspection?"

Michigan for 50 years—and for as orandum of their applications. And Oil Co. bidding \$27,500 as the "run- law?" many has been laughed at; particu- you'll search the files of the Commis- ner-up". larly so in the Midland-Isabella dis- sion today in vain to find any trace trict. Forty years ago the Aaron T. of any such offers to lease. Sias' and C. S. Bliss lumbering interests, story—a little more realistic than State lands leased without bonus is commercial value. I believe that, up in selling cut-over pine lands, re- the others—nevertheless sums up a 40-acre tract, described as the to a certain degree, consideration served in their deeds the oil rights what happened to all of them. "to themselves and their heirs"

Fred A. Sias, son of one of the snows" and a "scum on the swamps" in the lumbering days, which men said "came from oil".

the Isabella County Road Commission, remembers her uncle taking land and would not lease any until her, as a little girl, to a point on the the next Legislature (that of 1929) Chippewa River and "scooping up in his hands a black scum which smelled like kerosene and which he said go back home and wait until the was crude oil".

Laughed at Idea

Then, about 40 years ago, the Dow ceologist's office department at the University of Saginaw, and went to Lansing. ceedingly improbable? They did.

1924, Dow Well No. 57, being drilled lease land we would be notified. on the Northwest Quarter of Section long after that, the driller of Dow Well No. 59, on the Southeast Quarter of Section 15, Greendale Townthat well, it is said, never showed or produced brine at all.

One of the first to hear of these developments was Fred Sias. He got cellent quality."

Laboratories in Chicago and Toronto reported the same.

Sias went out leasing every tract came a day when he had upwards of 10,000 acres under lease.

Then he suddenly found he had a new, swift and powerful competitor. The last sample he had sent out was from Dow Well No. 59. It went to the Imperial Refineries at Sarnia. Right back came a letter asking for a sample of five gallons. It was sent, and then, instead of an analysis, came get a line on how deep we'd have authority to lease or to contract to Mr. Hogarth. a letter asking where the oil was Sias did not answer-but, before a of the Davis Oil Co., of Dayton, O., knew just where to drill. which later assigned all its leases to the Pure Oil Co.

Raynor, Root and Bond of Mason and lic inspection, Lansing. The Pure Oil Co. signed it up on standard lease on May 18. drill within 90 days. It did. It the Pure Oil Co.! I got a big bonus homesteaded or traded away." 'spudded in" (began drilling) on out of the Pure Oil Co. Why couldn't "Why was the commission so le-August 11, Root Well No. 1 on the the State? In leasing other lands I nient with the Pure Oil Co. in the Commission wanted for game refuge northeast one-fourth of southeast had to pay bonuses to farmers-so waiving of rental for wells drilled?" one-fourth of Section 18, Greendale did other individuals and companies was asked. Township and six months later, on leasing. Why didn't the State get as "Mr. Smith will have to answer under 800 acres of land in Isabella The log showed the drill had just able to get?

To judge intelligently the criticism Pleasant papers. Everybody learned Commission give the Pure Oil Co. a ducing oil or gas in paying quantities leveled at the Conservation Commis- about it, apparently, except the Mich- lease which allows it one year be- from said premises shall abate the sion the reader should know certain igan State Conservation Commission fore it has to drill? practices that have grown up in the |- and the Kneeland tract, on part of older oil fields. Undrilled land, even which Root Well No. 1 was drilled, the leasing company drills a well though it has characteristics strongly adjoins land under which the State the land owner waives the rental

land. An operator drilling it is call- Meantime Sias was having difficul- where the well is drilled. That's ed a "wildcatter", and he is said to ties. He had leased a great area. standard practice. Why did the be "wildcatting". If he strikes oil, He needed money to drill. Some of Conservation Commission give the the land for say a half mile around, his leases required that he drill soon. Pure Oil Co. a lease which says that is called "proven", and its value To get money to drill he sold some when it drills a well the State waives automatically increases. If he does of his leases to the Pure Oil Co. On the rental on 80 acres of land anynot strike oil, the land for a similar the same day that the Pure Oil Co. where among the 5,000 acres that it area is considered "dry", and its "spudded in" Root Well No. 1, Sias leased? value as oil land disappears. If an sold to the Pure Oil Co. leases on operator drills close to his property 1,600 acres of land, getting standard opinion that these Pure Oil leases the

adjoining property is forced into a Thus nine months before the Con- equitable documents ever written in position where he must drill at once servation Commission leased the disposing of State property." or suffer the probability of having pick of the oil lands in two counties any oil under his property drained to the Pure Oil Co., the lease market ling of the State's oil rights to the 40-acre tract. Should the Pure Oil was never allowed to have copies for any oil under his property drained to the rule of co., the least named to the rule of co., the least named to the rule of co., the least named to the rule of co. was a tightening of the co., the least named to the rule of co., the least named to the rule of co. was a tightening of the co., the least named to the rule of co. was a tightening of the co., the least named to the rule of co. was a tightening of the co., the least named to the rule of thus drilled, for protection, is called the payment of substantial bonuses lease market. More and bigger directly over a big pool, all it would any law requiring the Dow Chemical

When a well is drilled, whether thereabouts. The State had sold or

When proven land gets scarce and Pleasant; Walter W. Russell, insur- owned by the United States Govern- was asked.

"Oil-talk" has been heard in wouldn't even accept a written mem- diary, got the lease-with the Pure

"I went down to Lansing in the lumber barons, remembers "black fall of 1927", Sias said, "and tried to lease some of these State-owned oil rights. A man named Havens showed me a bulletin that said that, Bess A. Foland, office manager of due to a defect in the law, the Commission was not leasing any more remedied the law. My name and address was taken and I was told to lands could be leased, at which time I would be notified.

Chemical Co. began drilling wells I thought, the more I believed that for brine all along the Chippewa and couldn't be just right-particularly, for years every now and then, the in view of the fact that the State had Pure Oil leases from the State; in the Attorney General's office and drillers would be "talking oil". But leased, just a little while before, fact the Pure Oil leases were a deno one ever took seriously the idea 160,000 acres of oil rights to the cided factor in creating a market in lature, and that permanent clause that there was oil there in commer- Grayling Development Co., for 10 which it was possible to demand such was put in over my objections." cial quantities. Didn't the State cents an acre. So, after a time I got bonuses. and the geological my attorney, Riley L. Crane, of Michigan both say that the rock got nowhere. We couldn't get anystructure under Michigan made pres- thing out of the commission. Every- As it happened, all members of the ence of oil in paying quantities ex- body we talked with just passed us Commission were present. on to someone else. But again we But on the morning of Dec. 13, were told that when the State could

"Now, remember, that was in 7. Greendale Township, Midland March, 1928. Then, two months latcounty, spouted oil-the black er, out of clear sky, without a letstream shot up over the derrick, ter or a telephone call, or a scrap of drenched the drillers and splashed notification of any kind from the all over the derrick house. And, not Commission or anybody else, comes the announcement of the lease to the Pure Oil Co. on May 14, 1928.

"And now, after nearly two years ship, went out one morning to find have passed, it develops that, in 1928, to lease State oil rights in the 700 feet of oil in the casing. In fact February, 1928, one month before Midland-Isabella district were told that it could lease these lands. Why everything it wanted?" samples of the oil and sent them to did they tell us they couldn't lease laboratories in Kansas City for analy, them? Why didn't they keep their A. Smith, State geologist, "I have sis. The answer came back: "Ex- word and notify me and all the other two dates clearly fixed in my mind. he could get a contract on. There same lands we wanted to the Pure ion that the Legislature, in amending one else a chance to bid for them.

gist is supposed to be working in the Following the Pure Oil Co.'s inquiry interests of the people of the state, the Commission asked the attorney isn't he? Well, I went down-and I general's office for an opinion, and know of others, too, that went, or on October 12, 1927, got an opinion director. Then they looked at each of the Dow brine wells, so we could mouth saying the Commission had no to go for oil and what kind of rock make a lease. found and how much there was of it. | we'd have to go through. Do you think they'd give us anything? Not week went by, the county was full of a look-in. Smith, the state geologist, the Legislature had had no such inlease-scouts. They worked wide and always told us the borings were con-tention of limiting the Commission rapidly, leasing a hundred acres to fidential and couldn't be shown. Yet in that way. Sias' one. They leased in the name the Pure Oil Co. got them. They

body will ever get anything in the the commission received an opinion Among the land leased by the Pure future they got a law passed at the from the Attorney General himself. manager of the Pure Oil Co., in his Oil Co. was a tract of 12,000 acres in last Legislature that says in so many Mr. Potter, that the Commission office at Saginaw, was asked the same Greendale Township known as the words that such borings, even though could lease all oil rights and only question. Without a moment's hesita-Kneeland property". It belonged to from wells drilled on State lands, those that were under the lands the tion, Arthur Weadcock, of Weadcock

Got No Bonus

"touched" a pocket. The well was | "Another thing. You go through "He drew the lease."

capped, roped off, and kept guarded all this district and see if you can while the Pure Oil Co. went on leas- find a lease where the farmer failed said Mr. Smith. to put in his lease that the company The fact that this well had "come days or less-90 days is the maxi- that particular 40-acre tract on actually took place." in" was generally known. It was mum time allowed or the lease is which a well is drilled. Your lease published in the Midland and Mt. forfeited. Why did the Conservation says that 'each and every well pro-

> "Oil leases generally say that when on that particular 40-acre tract

"I may be wrong, but it is my are the most discriminatory and in-

The immediate effect of the leas-Customary terms of an oil lease By this time the people of the dis- The bringing in of more wells-no-

Paid \$27,600 Bouns

leased to the Pure Oil Co. by only Frank Sweeney, grocer of Mt. one 80-acre tract, is a 40-acre tract will tell you, the Commission Ohio Gas Co., a Standard Oil subsi-

Other instances of big bonuses ard lease plus \$5,000 bonus. Half a

partment of Conservation in Lansing.

"Why did this commission give leases to the Pure Oil Co. without demanding a bonus?" was asked of William H. Loutit, of Grand Haven, chairman of the commission.

"Didn't Know Better" "Frankly", he replied, "because

we did not know any better!" "How does it come", Mr. Loutit was asked, "that private individuals who applied to this commission between October, 1927, and March, in.' Judge Crane and I were there, the that the commission could not legal-Commission had already got the ly lease any more lands, but the Pure opinion of Attorney General Potter Oil Co., applying in March, 1928, got Whitely, of Dowagiac, chairman of the der its control; and where, in pur-

"I can answer that", spoke up R. men from here who had applied re- The Pure Oil Co. first applied in peatedly, that State lands could now June, 1927. Howard Bloomer of Debe leased? Why, at that very time, troit, a lawyer, and then chairman they were preparing to lease the of the commission, was of the opin-Oil Co. They never gave me or any the conservation law in the session of 1927, invalidated the State's right "Another thing! The State geolo- to lease land for oil development, wrote, and asked to see the borings from Assistant Attorney-General Lar-

"This caused a great deal of discussion because it was believed that said Commissioner Whitely, "what's

"Finally the Attorney General's a transaction took place." office was asked to go further into All members of the commission flat-"And to make doubly sure that no- the matter and on February 9, 1928, ly denied it. Kneeland's heirs, three men named are confidential and not open to pub- surface of which had been sold or & Weadcock, attorneys, counsel for otherwise disposed of. The oil rights leased to the Pure Oil Co. were all "And just look at the lease the under lands of this character-lands The lease was required to Conservation Commission gave to which the State had already sold,

February 26, 1928, "brought in" a good a deal out of the Pure Oil Co. that", said George R. Hogarth, di- County. This was the land involved well that flowed 47 barrels, first off. as lots of uneducated farmers were rector of conservation and the chief in the supplementary lease of Aug. 14, executive officer of the department. 1928

"But in this kind of leases it is rental on 80 acres of said premises'.'

Calls It An Error

"I'm sure the lease doesn't say that," said Mr. Smith. But he was handed a certified copy of the lease after all," said Mr. Loutit—and walked mission, recognizing this fact, imand having looked up the clause, found it read exactly as quoted.

"Oh, we never intended it to read have to be changed."

easily be seen, by remembering that "premises mentioned means 5,373 acres, or, approximately 67 80-acre tracts. Under good field practice, but one well is drilled for each 10 acres-or four wells to each to close deals on good prospect land, bonuses had to be paid to get deals. have to do, under the lease given it Co., to file such information. On June This one-eighth oil or its being turned toward the several Township, Isabella county-tended lease on this point would require the furnished to anyone asking-copies of Across the road from the Joslyn the whole acreage covered by the cost,

wells passed by the Legislature?"

"I did", said Mr. Smith. None Others Have It

"Where did you get your materials?" "From the laws of other states." "What other states have laws which say that the borings of oil wells, filed "I know of none."

"Well, who put it in the Michigan

"I didn't. I opposed any such restriction. Sometimes the information paid are multiple. Half a mile from supplied by these borings has a high northeast 1/4 of the southwest 1/4 of should be given the operator because Section 7, Greendale Township, that was obtained through the Probate Court by the Pure Oil Co. for stand-Court by the Pure Oil Co. for stand- If the operator strikes oil, he, of action left 166,768 acres still covered course, gets a return for his invest- by the early leases. mile the other way is a tract of 40 ment—and through taxes and royalties acres owned by a man named Wied- and general improvement such as payeman-the northeast 1/4 of the south- rolls for its citizens, the State gets a west 1/4 of Section 12, Chippewa good benefit, too. On the other hand, \$4.50. Township. Pure Oil, Sias, East Ohio if the operator gets a dry hole the Gas and others bid for it. Wiedeman State loses nothing, but the operator was offered standard lease and as loses every nickel he puts into the high as \$40,000 for his tract. He well. For this reason, I believe, any declined all offers. Then, in despair, valuable trade secret an operator deone oil company stopped talking velops in the drilling of the well sideration, and in conjunction with money and began talking oil—and should be safeguarded to him for a the Attorney General's Department East Ohio Gas finally got his signal limited time. When the bill left my drew up an entirely new form of lease. "I thought that over and the more ture on a lease calling for no bonus— office, it read that the boring should but half the oil produced. All these be held confidential for 60 or 90 days deals, of course, were closed after the -I forget which. It was revised in "Did you ever hear of a man named

Alvin Richards?" "Yes-he's an attorney for the Pure Oil Co.'

"Was he here during the last session of the Legislature?" "Yes, he came early in December, as I remerber it, and stayed all

through the session.

Helped Draft Bill "Did he help in drafting this bill?" "Well, I would say he had a big art in giving it its final form." he borings to public inspection?"

"And they got it in?"

"After it left my office." department. "At the first meeting of mineral rights have been reserved to this Commission after these leases the State. In these lands, and these were made I said that, if a motion only, may contracts be made for the were made to cancel them, I would development and exploitation of the vote for it.'

"They can't be cancelled," said Mr. Hogarth. "The Attorney General says it can't be done.'

Pure Oil Co. bought away up north Oil Co. The terms of this lease were: and traded to the Commission for the A 50 cent per acre per year rental oil-rights in Isabella County? was clause; one-eighth royalty on all proasked of the Commission.

A look of mystery overspread the protection of surface owners. faces of every commissioner and the other questioningly.

"Never heard of such a thing," said Denies Trade

"Nothing like that ever happened." "Nothing," replied the writer, "ex-

cept that I've been informed that such

A little later E. G. Claget, general the company, who was present, drew from his portfolia a memorandum and Conservation Department transfer form showing that, in exchange for 440 acres of land in Emmett County, the most northerly tip of the Lower Peninsula, which the Conservation purposes, the Conservation Commission gave the Pure Oil Co. oil rights

This transaction was then called to

"The Commission wasn't lenient," the attention of Chairman Loutit of

leasing must drill for oil within 90 customary to waive rental only on writer, "that such a trade of land Rentals, \$4,551.27; royalties, \$13,-

volved in the August lease, the com- 1929. mission did get a bonus," the writer rejoined. "You got standard lease, of the Pure Oil lease in 1928, it beplus a bonus of the 440 acres in Emmett County.

Later Admits Trade "That's so-we did get a bonus

away

Commission and the State geologist ed in the drafting of the necessary that way," he said. "We intended in the Midland-Isabella district is in modifying legislation. it to read the usual way. That will regard to their alleged refusal to give applicants access to the borings of the The disadvantage at which the Dow brine wells. A survey of the State is put, by this clause, can laws governing salt and brine wells for the last 30 years fails to show any law requiring the filing of the logs or borings of brine wells with the State. State Geologist Smith says that, while he has been allowed to see these records and samples in the offices of by the State, would be to drill 67 16, 1929, the State geologist got perwells in one contiguous territory and mission from the Dow company to get the remaining seven-eighths of make this information public to all incompany to drill one well on each the logs being free and blue prints of and every 40-acre tract throughout the locations of the wells furnished at

Speaking for the Pure Oil Co., Mr. "Who drew the law regulating oil Claget said all their information, of a geological character, pertaining to the Dow wells had been given the Pure Oil Co., directly by the Dow Chemical Co.

Hogarth's Statement

Mr. Hogarth made the following statement on the commission's oil lease activities:

"At the beginning of 1927 the present conservation organization found 442,473 acres of State-owned lands covered by oil leases. These early leases did not carry the regular rental clause, but only carried a rental clause of from 5 to 25 cents an acre in case drilling requirements were not complied with.

"Later, because the lessees were not fulfilling the terms of the contract,

"The income to the State up to the time of the cancellation of certain leases back in 1927 had been about

New Form of Lease "In March of 1927 the Pure Oil Co. made application to lease several thousand acres of State-owned lands. The department took this under contorney General's office ruled that because of a 'joker' in the then existing legislation, the State could not lease the mineral rights on State owned lands, and all activities along this line were halted.

"In October of that year, a further opinion was requested from W. W. ruled that the State could lease for development the mineral rights on land on which the surface rights had been disposed of, but mineral rights retained, as required by law; but could not dispose of similar rights on State lands where the fee simple re-

mained with the State. Ruling Quoted

"We quote that part of the Attorney General's letter which gives this "Did he put in this clause barring ruling: '-it may contract for the exploitation of the oil, gas and min-"Well, there was another man here eral rights reserved in lands which I think he represented the Sun Oil the State has sold which are no longer Co.—and they both wanted that clause held for the purposes of conservation, and that its right to exploit these natural resources is limited . . . to cases where the title has passed out of the "I'll tell you where I stand on these State and the land is no longer used eases," said Commissioner Harry H. for conservation and is no longer unspecial committee on oil, within the suance of the statute, the oil, gas and coal, gas, oil and mineral rights. This

opinion is dated February 9, 1929. "In May of 1928 the State leased the oil and gas rights on approximate-"Where are the lands which the ly 5,000 acres of such lands to the Pure duction, and bond requirements for the

Always the same

Quality is our first thought in selection of materials, whether it be fabrics for suits or overcoats, which we tailor to your exact measure, or robes, camping blankets, bed blankets, sweaters or finest wool un-

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221 N. Cedar st., Lansing, Mich.

State's Income

"The income to the State from the only leases granted by the present "I find on investigation," said the Pure Oil Co.'s lease to date is: 882.13. Of this amount \$7,133.50 mentioned, and one of five acres, a "Oh, is that so?" replied Mr. Loutit. was received in payment of royal-"So that, for at least the rights in- ties for the month of November,

Tuberculosis Sanatorium officials, "A few months after the granting came apparent that Michigan was rapidly developing as an oil producthroughout the State has progressed ing state. The Conservation Commediately set up the machinery to Some of the bitterest criticism of the handle the situation and also assist-

Eliminate

That mortgage worry

for those who are to

carry on for you

Purchase Life Insurance

good luck to help

you meet all

your financial ob-

ligations. Build

up a real and ab-

solutely inde-

structible estate

to serve in case

of adversity and

to meet your

needs in later

State Farm

Life Insurance Co.

Farm Bureau

Agent for Michigan

years.

rapidly. It is estimated that about 10,000,000 acres of Michigan lands (Continued on page 4)

Contrary to popular opinion, the

Conservation Commission have been

the Pure Oil Co. lease previously

town lot, in Muskegon county. This

was given to the Muskegon county

Private Leases Increase

"On the other hand, the process of

rivate leasing of oil and gas rights

A Hard Start Due to the use of an improper grade of lubricating oil in your motor is an unnecessary cause of worry since the Farm Bureau has introduced its new 103w and 105w special winter motor oils.

These oils are 100% paraffin base, Sharples dewaxed. Our regular oils run in grades designated as 103, 105, 107, 109, 111, 113 and an extra heavy tractor oil-115, Order by number in any quantity and always at a saving.

Sold in five, fifteen, thirty or fify-five gallon containers by your local Farm Bureau dis-

Farm Bureau Services, Inc. Lansing, Mich.

RED JOCKEY A Fine Farm Bureau Coal

When you want flour, coffee or other household necessities of satisfactory quality at a right price, you order BY NAME.

Likewise, ask your co-operative association for Farm Bureau RED JOCKEY coal and you'll get

A high grade, southeastern Kentucky coal for cooking, heating stove, or furnace. Easy kindling, burns vigorously and evenly ..

Red Jockey doesn't have to be coaxed to get under way and puts up a big blazing, heat-radiating fire under very little draft. Is long burning, holds fire-an all night coal.

Red Jockey leaves no stringy soot. It is naturally clean in the mine and is carefully prepared for shipment. You'll be pleased by the absence of slate, and other impurities. Very low in ash; no clinkers.

Red Jockey is one of our most popular general purpose coals. It ALWAYS comes from the same mines in that held which assures uniform quality. (Ship ments of any coal from different parts of the same field frequently differ in performance.) We know you will like Red Jockey. In egg and lump sizes.

Farm Bureau Red Jockey, Quick Heat, Fire Brand, Pochontas, Coke, Anthracite and Toastmaster Range Nut are Selected, High Quality Coals. Ask for Them by Name

> FARM BUREAU SERVICES, INC. Lansing, Michigan

State Farm

Mutual Auto Ins. Co.

OF BLOOMINGTON, ILL.

ASSETS exceed three million dollars. Operations carried on in twenty-five states with a local agent IN EACH FARM COMMUNITY to serve you.

We insure automobiles, trucks and tractors against all traffic hazards. We have adjusted more than 8,000 claims in Michigan this year. Our record for promptness and reliability in settlement of claims is above questioning. Your protection is assured by our seven years of satisfactory service as a legal reserve com-

The State Farm Mutual Auto Insurance Co. offers you stationary object protection at very low annual rates. We are a strong, legal reserve company. We have an agent near you. Don't delay in seeing him. If you don't know him, or want further information, write us.

Michigan State Farm Bureau

Agent for Michigan-

221-27 N. Cedar Street

Lansing, Michigan

HOW TAXPAYERS CAN CUT DOWN TAX PENALTIES

One or More Items May Be Paid Before Penalty Date.

Advice as to how to reduce the penalities which result from nonpayment of taxes within the statutory period is given by R. Wayne Newton, director of taxation of the Michigan State Farm Bureau. The statement follows:

"Thousands of dollars are annually paid by Michigan farmers and other taxpayers in the form of penalties for tax delinquency which could be saved if the taxpayers took full advantage of their rights under the existing

"Taxpayers who own more than one description of property sometimes fail to realize that they can pay on one or more description without paying on all. A still greater number do not understand that it is possible to pay part of the tax, even on one description without paying all of it.

"Taxes are itemized on the tax roll and the amount due to the State. the county, the school district and the township are shown separately. Usually there are still other divisions. section 53 of the General Tax Law SHOULD BROADEN provides that any person may pay taxes, or any one of the several taxes on any parcel or description of land'. This means that if a man or woman has enough money to pay the tax on one description, or enough to pay his State tax, his county tax, his school tax or his township tax, but not enough to pay the others, he can go to the office of the treasurer and pay as many of these as he is able to and thus escape a part of the penalty

provide otherwise, the penalties on Secretary of Agriculture Arthur M. delinquent taxes are imposed on Jan-Hyde today laid before the Ameruary 10, and equal to 3 per cent of ican public a constructive program the amount of the tax up to March 1, for attacking the much discussed with an additional penalty of three-"farm tax problem". The statement fourths of one per cent for each was a part of the Secretary's and month or part of a month after that date. The penalty for a full year's delinquency is 10 and one-half per the assessment basis of the general

Facts Come Out In

(Continued from page 3) are now covered by oil leases of Co. owns about 2,000,000 acres. In of the tax laws. the Midland-Isabella county area the Pure Oil Co. has under lease 166,000 creased State aid for roads and acres, 5,000 of which has been obtained from the State, or 3 per cent of this total of the company's holdings ing and maintenance of roads and in were originally State-owned mineral rights. Of the total of Michigan lands now under oil leases, .00051 Conservation Commission.

"The present leasing regulations adopted by the Conservation Com- of relatively low tax-paying ability. based on the legislation of 1929, infarming regions, are usually forced way by the Farm Bureau. Secretary at the present time. Bonus Necessary

his lease at public auction; a rental tain limits." fee of 50 cents per acre, per year, to one-quarter in proved territory.

"This policy was adopted after the States, however. commission and its technical advisors had given every consideration to both sides of the question; a just return to the State and the practical features of the development of a natural resource.

rights, to be held in Lansing, December 30, 1929."

Responsibility for the acts of the commission.

"When a proposition comes up for action", Hogarth said, "I merely trees must go on farms and not on formulate it and bring it to the attention of the commission. It generally asks me for a recommendation one way or the other, and I generally make one. Sometimes I have none to make. But, with or without my perity of dairy interests of the State recommendation, the commission al- of Michigan should aid in correcting ways takes such action as it alone printed reports of the theory that raw sees fit wholly apart from any action milk is the principal means of on my part."

Power Imports Low

Interstate transmission of electric disprove this theory. power across the borders of Michigan is small-imports in 1928 being only 2 per cent of the energy consumed in the state and exports being only 11/2 percent of the total amount produced in eight southern Michigan counties by the state's public utilities.

Walnut for Cabinets

American walnut is the least likely for five years. of all our cabinet woods to warp. That is: as the moisture content of walnut gradually evaporates, the fibres shrink more equally in all directions, thus avoiding the undue stresses and will designate the closed and open strains that result in warping or streams for 1930 at its February

ed to see girls do the things they people have 100 different ideas of Michigan's woods is one buck to for every \$1,00 they spend for a licvainly longed to do at that age! what constitutes wickedness.

BEAUTY BY THE PECK

(Miss Clara Bow, we learn from a movie critique, is apparently heartily in accord with the new edict, that POTATOES ARE IN and has acquired a luscious plumpness.

Let waistlines expand and grow ample. Example: That Bow girl whose beaus are a host.

Let silhouettes wax roly-poly and wholly Removed from the lines of a ghost.

Let maids smack their lips over lunches in bunches And scorn dainty diets to get thin,

And second the order, "More butter," and mutter

POTATOES ARE IN! Let legs not be cranelike and skinny. Oh, finis To pipe stems as models for arms.

Let plumpness be held-'tis our duty-as beauty And curves as the acme of charms.

Let eminent experts cease loosing reducing Advice-if you've added a chin,

Then add to the spell of your archness with starchness. POTATOES ARE INP

Let howls fetch POTATOES au gratin, if not in The list at Ye Tiny Tea Shoppe,

Where matrons once nibbled at salad and pallid' Deceptions which made life a flop.

Baked SPUDS are no longer a sin. They capture all eyes at a party. Eat Hearty! "POTATOES ARE IN!"

Courtesy, Michigan Potato Growers Exchange.

TAXATION BASIS, SECRETARY SAYS

Seen As Needed

Washington, D. C. Dec. 7,-Takwhich will be charged against him if ing a stand in favor of better assesshe allows the entire tax to become dements, the introduction of new "Except in cities whose charters State aid for roads and schools sources of revenue, and increased

property tax or that use reasonable indices of tax-paying ability other than the ownership of tangible prop-State Land Oil Leases erty cannot fail to be of advantage to farmers", the report says. Adding that, "Along with or perhaps in which it is reported that the Pure Oil Co. owns about 2 000 000 acres In

schools, Secretary Hyde said:

paying the costs of education is broadening the tax basis for the supper cent were leased by the present States. Few States, however, have port of these public services in some gone as far as they might in assisting in this way their communities the fruit industry in this undertaking. this government shall be of the people in this way their communities the fruit industry in this undertaking. recently and now in effect, Such communities, which are often program has been supported in every few, for the few and by the select few, sure to the State three sources of by State laws to maintain high stand- C. L. Brody went to Washington early revenue from its oil and gas holdings. ards of education. The State should in January with the Michigan-Wisconaccept the responsibility of helping sin fruit growers and assisted in the "First, a bonus paid by the suc- maintain such standards, when the successful negotiations with the Fedcessful applicant who must obtain burden on local property exceeds cer- eral Farm Board.

The report points to an increase which is abated on every 80 acres on of about 11/2 per cent in farm propwhich a well is actually drilled; the erty taxes during the past year, but royalty returns to the State are one- notes a slight decline in farm taxes eighth on wildcat territory, and a in the east north central States, the sliding scale ranging from one-eighth group which includes Michigan. No figures are included for separate

Boys Plant Trees

For the third year seeding trees for White and Norway pine and Nor-"Under the above conditions the way spruce will be given away to cut in the youngster. Conservation Commission has an- Kent county boys and girls. The nounced the first public auction of donor again will be a group of Grand leases of certain state oil and gas Rapids business men headed by Milo Schuitema. 1000 trees will be given father take a stick an'to each boy or girl.

commission rests solely with the girls between the ages of 10 and 20. stand." The trees to be planted on land not suited for agricultural purposes. The land that has suburb possibilities.

Just "Bug" Talk

All persons interested in the prosdistributing the germs of undulant

Studies made in Michigan and by members of the University of Iowa

Add Sanctuaries

Sixteen new wild life sancutaries were dedicated by the Conservation Commission during the month of December. In addition, three Sanctuaries in two counties were renewed

Name Open Streams

The Conservation Commission meeting

Avaunt, all yet starvation rackets! In jackets

FRUIT GROWERS INC.

GET FARM BOARD

PLAN UNDER WAY

In Consolidation of Industry.

the Michigan Fruit Growers, Inc., in consolidation of Michigan and Wisconsin farmers' fruit interests, as approved by the Federal Farm Board. Fruit Growers \$1,900,000 to carry out its program, provided the Fruit Growers meet the loan requirements.

As Farm Bureau News readers recall, the plan of the Michigan Fruit Growers is to merge Michigan fruit co-operatives under one central control, to effect an efficient cold storage, marketing, canning and distributing system, and to assure a stability of

ning plants in the fruit district. All classes of people. Eggs dried, canned, noon to about 75 people. four ass'n stockholders meeings held or rotten come from China and Japan. to date have voted unanimously to go ahead with the Michigan Fruit Growers consolidation plan. Directors of with very small duty on them. From nine other ass'ns have unanimously South America come whole vessel recommended it to their stockholders.

Mutual Understanding

one of his blocks of ice.

sitting on that for? Git off it!"

queried faintly.

fuming. But-"

man. "Now then you-" "An' when you got home, did yer as was intended.

"Sit where you are, my little man," The trees are to go only to boys and the iceman said, gulping, "I under-

Not Dry Yet

night when a fire truck speeded by Peninsula. with the siren going full blast. A Up in this little known section of gentleman, who had been imbibing the state, are Pine Stump Junction, from the cup of queers, upon hear- Pull Up Hill, Syphon Lake, Teaspoon ing the siren gave chase. After run- Creek, The Peanut Hills, Whiskey ning a block he stopped. "T'ell with Creek and Deadman's Lake, all names him! he said disgusted. I'm not going that originated in the logging day to chase him any further. He can keep legend and fact. his peanuts!"

An Experiment

The Department of Conservation will match the Shiawassee Conser-County.

\$400 already raised by the Shiawasimported from Central Europe.

Ratio of Deer

A report covering the first four nonths of the Department of Conservation's deer tally shows that the 12.2 does.

In Our Mail Box

Editor Mich. Farm Bureau,

Dear Sir: equitable tariff to go along with the urer. marketing.

er made out of the past season's crop? cember 16.

market, filled with foreign beans, complete the list. Look at the market today. It is like Ed Reaume of Dundee township in it.

same way. Instead of the farmer get- sing during Farmers Week. ting a fair living profit for his commake more millionaires.

modities they produce.

about the great surplus crops raised ing of expenditure of public funds. in the U. S. A. Seven-tenths is The Rev. W. A. Cutler of Dundee The Board has agreed to loan the propoganda and misleading statement spoke briefly on the same subject to fool the masses. For the benefit of at the conclusion of Mr. Newton's a few. As to the Farm Bureau wool talk. marketing organization, we need a Mrs. Edith M. Wagar of Carleton, good tariff in connection. Look at a member of the state board of dithe hundreds of thousands of tons of rectors of the Michigan state farm foreign wool, shoddy and old rags, are bureau, who came to Maybee directly imported in our markets each year, from the American Farm Bureau spoiling the home market and our Federation meeting in Chicago, read home-grown wool to a begging. Why? the report she gave at the Chicago Because we have no adequate tariff. meeting on "Co-operative Market.

The Fruit Growers, Inc., report that live within itself and prosper, if port of the annual meeting at Chioptions and agreements have been brains are used in Washington in the cago obtained from practically all the can-Hundreds of tons are used in the loads of frozen meats. The farmers Business men, Chambers of Com- here cannot compete with them withmerce, newspapers and others are enthusiastic as to the possibilities for the fruit industry in this undertaking. The Michigan Fruit Growers, Inc., How the child has changed. Of the

> Respectfully, Frank Seaton, Fenton, Mich.

The struggle continues at Washington for adequate farm tariffs. The House tariff schedule of some 435 pages is now with the Senate. Mich-When the iceman came out of the igan Farm Bureau and Elevator Exhouse he found a small boy sitting on change contended, with other organizations for a duty of \$3 per hundred "'Ere," he roared, "wot are yer a- on imported beans. The House made it \$2.50 as against \$1.75 as it is now. The small boy raised a tear-stained Increases have been proposed on face. "Was you ever a boy," he many other agricultural commodities, but the whole effort has been offset "Of course, I was," said the iceman, to a large degree by the increases piled onto industrial products. If the "And did you ever play hookey?" Senate concurs with the House, it is considered doubtful by many that the 221 N. Cedar St., Lansing, Michigan. "Of course, I did," snarled the ice- President will sign a tariff bill that is anything but an aid to agriculture,

Peculiar Names

The "Big Auger," and the "Little imlet," streams of Paul Bunion fame Gimlet," streams of Paul Bunion fame are actual rivers in Michigan. So too, are the Live Sucker, the Dead Cheer up; the country has not gone Sucker and the Blind Sucker Rivers. dry. I was coming home the other They are in Luce County in the Upper

No Permit Required For Shipping Furs

Trappers are not reguired to have vation Association, dollar for dollar a special permit to ship furs out of up to \$400, in experimenting with the state, according to the law en-Hungarian partridge in Shiawassee forcement division of the Department of Conservation. The 1929 law re-The Conservation Commission has quiring permits to ship furs out of the roted to spend \$400 to supplement state applies only to dealers and is not applicable to individual trappers, see organization. The birds will be it was stated. Trappers, dealers and shipping agencies have been confused according to the numerous letters received by the Division.

Big Business!

Michigan hunters spend \$15.00 How dear old ladies are shock- Free Country: One in which 100 ratio of sexes among the deer in for hunting equipment, supplies, etc., lense to maintain and protect game.

Monroe County Farm Bureau met Fenton, Mich., Jan. 6, 1930. at the Postoffice at Maybee, Dec. 21, and picked the following officers for 1930: R. G. Vivian, of Monroe, I am interested in your statement of president; John Welti, of Temperthe bean marketing plan. There is ance, vice president; Margaret Macone phase of the situation I do not Robert, of Monroe, secretary; and see or hear mentioned as a good Edmund Reaume, of Dundee, treas-

Four of the seven directors of the What profit has the Michigan farm- local bureau were re-elected on De-

Prices started around \$8 per 100 lbs. Robert G. Vivian of Frenchtown, They gradually worked up and it John Welti of Bedford township, Ed looked as though the market would Reaume of Dundee township, and reach \$10 per hundred lbs. or better. Charles Drodt of Ida township are What happened then? The big im- the members re-elected and J. R. porters with millions at their disposal Faunce of Summerfield township, crammed the markets and canning John A. Murphy of Exeter township factories full. Away went our home and Fred Lohr of London township

a mud stream; no movement or life and J. A. Stuart of Summerfield township were elected as delegates The potato growers need to wake to the Michigan State farm bureau up or the potato market will go the annual meeting to be held in Lan-

R. Wayne Newton, director of modities, it goes in other channels to taxation for the Michigan State farm bureau, gave the principal address. Any farmer and his family who The subject of his talk at the meethave groveled with the soil for 50 or ing was "Problems of Agricultural 60 years can see the handwriting on Taxation" and he stated that the the wall. If the agricultural classes problem should be approached from are crowded down into Hades, what all angles, business as well as agriwill the upper stories do when there cultural; that many business firms are no more millions to be extracted? are paying as much of their profits, The farmer needs an equality with proportionately as the farmer, for taxother classes. They need a good pro- es. He believes that a study should be tective high tariff for the main com- made of the expenditure of public funds, stating that often the tax levy How can farmers pay in wages \$4, provide more money than needed Better Assessments, School Excellent Progress Reported the pauper laborer of Europe and the way to spend it. He explained the whole world? It cannot be done. We, Michigan system of attaining assessas a nation, boast of our schools, our ed valuation and the inability of great educational facilities, great ad- supervisors to make yearly readjustvancement and the millions being ments because of lack of time and Excellent progress is reported by piled up. But nothing is said of the resources. The two angles from class that has mothered these great which the problem should be attackits program of re-organization and industries and is left without legisla- ed, he said, are correction of the tion. We always hear a great ado method of assessment and the guard-

The United States as a nation, can ing." She also gave a detailed re-

A potluck dinner was served at

You never smoked in bed before we city bake shops all over the country were married, Henry! -Gargoyle.

Damage Claims

Handled by this department with no charge to Farm Bureau members. Nominal charge to non-member farmers.

Have Your Freight Bills Audited For Overcharges.

Let us handle your railroad problems for you regarding drains, station facilities and equipment, freight rates, fences and so forth.

Farm Bureau Traffic Department

oans on Livestock

Responsible cattle and lamb feeders now have available through their co-operative associations, \$5,000,000 of federal money for financing their feeding operations. Loans can be negotiated at 6 per

Why not see that your trucker delivers your livestock to your own farmer-owned and farmer-controlled co-operative commission company?

For information, write Frank O'Brest, Breckenridge, Mich., or J. H. O'Mealey, Hudson, Mich.

Michigan Livestock Exchange Detroit, Mich.

Producers Co-Op. Com. Ass'n East Buffalo, N. Y.

Fixed It A motorist, fixing his tire, Said, "These trees give the shade I re-

quire. Tossed a cigarette stump In a dry popular clump

And started a seven day fire!

CURE FOR SOFT SHELLS Soft shelled eggs indicate a lack of eggshell material in the diet. Keep pure crushed oyster shell before your birds all the time and soft shelled eggs will disappear. Egg production will also increase.

State Mutual Rodded Fire Insurance Co., of Mich.

May we offer you the advantages and service of the State Mutual Rodded Fire Insurance Co. of Michigan to protect your property against Fire and Lightning.

Over 20,000 Michigan farmers are with us. More coming evey day. It would be a pleasure to furnish you any desired information. W. T. LEWIS, See'y, 702 Church Street, Flint, Michigan.

The Feed with the Performance Record

Milkmaker

PAYS DIVIDENDS

DIVIDENDS earned on Farm Bureau Milkmaker are in the feed. Your animals return these dividends in greater profits and higher production.

THE FEED COST of butterfat from 274 Honor Roll cows in 93 herds in Michigan last year was less than 19c per lb. These cows were in farm fed, Dairy Improvement herds with no fancy care or extra milkings.

> Every year more Michigan farmers use Farm Bureau Milkmakers and other dairy feeds, Farm Bureau poultry, hog and horse

Obtainable From Farm Bureau Distributors

Farm Bureau Services, Inc. Lansing, Michigan

VITAMIN D

Potency With Nopco XX

Cod Liver Oil in mixture with our commercial poultry feeds is now available to Michigan poultrymen through arrangements with the National Oil Products company for using a new product, NOPCO XX, which is genuine Nopco Cod Liver Oil that has already proved its potency in actual feeding tests, with an extracted concentrate added to "step up" the vitamin D potency.

> Beginning January 1, 1930, you can order the following mashes with specified cod liver oil equivalents at the actual additional cost of this Nopco XX. Remember, this is optional with you and you must specify rations with cod liver oil if you want them.

Optional

Farm Bureau Egg Mash Farm Bureau Chickal Mash 21/2 lbs. Nopco XX per ton. Equivalent of 1% cod liver

Chick Starter

4 lbs. Nopco XX per ton.

Equivalent of 1 3/5 % cod

liver oil.

4 lbs. Nopco XX per ton. Equivalent of 1 3/5 % cod liver oil.

32% Poultry Supplement 5 lbs. Nopco XX per ton. Equivalent of 2 % cod liver

Nopco XX

Is a pure, unadulterated cod liver oil to which has been added the anti-rachitic element found in the oil and extracted through a recently perfected patent process, license for use of which is held only by the National Oil Products company, manufacturers of Nopco XX and Nopco X. These new products embody concentrated vitamin D potency. Their use assures better livibality, better growth, increased egg production and better hatchability.

As Your Local Farm Bureau Dealer About Nopco

FARM BUREAU SERVICES, Inc.

Lansing, Michigan