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**Turkish Scientists
To Study At MSC**

Two Turkish scientists, a married couple, are coming to Michigan State College to do research in ultrasonics.

Dr. and Mrs. I. Odogun, physics students at the University of Istanbul, Turkey, will do advanced work in ultrasonics — the study of sound which can't be heard by the human ear. MSC is the only college in the nation offering a year around course in ultrasonics.

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FARM FEATURES**CHAMPION STOCK
BRINGS GOOD PRICE
AT FARMERS' WEEK**

Although the price for the grand champion fell below \$100 paid in 1950, average prices paid for swine at the auction, following the Farmers' Week show at Michigan State College were high.

Harry Mesley, extension animal husbandry specialist, reports an average price of \$27.41 a hundred for the swine sold. That was about \$5 a hundred above market price that day. Normally the auction price is between \$2 and \$3 above the market top at Farmers' Week swine auctions.

The grand champion sold for \$110 a pound in 1950 and but 90 cents a pound in 1951.

The average price of \$36.31 paid for steers entered for championship honors, however, was not outstanding. MSC livestock men say.

**MSC Alumni Fund
Gives 8 Fellowships**

Eight fellowships for advanced study have been established at Michigan State College by the board of trustees of the MSC Fund, the college's permanent fund-raising organization.

Seven pre-doctoral fellowships ranging in value from \$800 to \$1,200 will be available. In addition to a \$3,000 a year post-doctoral alumni fellowship. Applications will be accepted until May 15, 1951, by Dr. Thomas H. Osgood, dean of the School of Graduate Studies.

**STATE FARM
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Meet Your Michigan

WORLD'S LARGEST LIMESTONE QUARRY: THIRTY MILLION TONS OF LIMESTONE, KNOWN TO THE WORLD SINCE 1850, ARE PRODUCED HERE SHIPPED IN 1950 FROM THE MICHIGAN LIMESTONE AND CHALK QUARRY.

NEAR ROSSOS CITY, THE QUARRY, WHICH IS FOUR MILES LONG AND A MILE WIDE, IS A HIGHLIGHT FOR MICHIGAN VACATIONERS AND SIGHTSEERS.

DO YOU KNOW? THE OLDEST EPISCOPAL CHURCH WEST OF THE ALLEGHENY IS STILL ACTIVE SERVICE IN TOWNSHIP. ITS CONGREGATION WAS LAD IN 1833 AND AMONG THE CONTRIBUTORS TO ITS CONSTRUCTION WERE PRESIDENT ANDREW JACKSON, HENRY CLAY AND DANIEL WEBSTER.

FROZEN ASSETS: THE SOUS FROZEN EXCHANGE IS FINANCING A FROZEN FOOD CENTER. HERE IN 1950 A SECOND-BREEDING 6 MILLION POUNDS OF FROZEN MICHIGAN FRUITS WERE PACKED, AND SHIPPED TO PRODUCE MARKETS AND RESTAURANTS ALL OVER AMERICA.

VOLUMES OF MICHIGANA: HUNDREDS OF BOOKS HAVE BEEN WRITTEN ABOUT MICHIGAN IN THE LAST 50 YEARS. MICHIGAN'S UNDISCOVERED TREASURES, BLUE-WATERED LAKE SUPERIOR, DETROIT AND THE STRAITS OF MICHIGAN ARE FAVORITE SETTINGS AND SUBJECTS FOR FACTUAL, HISTORICAL, TRAVELING, AND RECREATIONAL LITERATURE.

MICHIGAN FEATURE SERIES (PRINTED BY MICHIGAN TOURIST COUNCIL ... No. 32)

**Increased Soil Liming Program
Needed On Most Michigan Farms**

Michigan is falling behind in its liming program, cautions E. D. Longnecker, soil specialist at Michigan State College. He believes that farmers are not using half the agricultural limestone they should. During the last 15 years, Michigan farmers have used about seven and one-half million tons of lime, an average of 1/2 million tons each year.

Longnecker cites that about eight million of our 11 million acres of tillable land need occasional liming for the best growth of such crops as alfalfa and clover.

During the past 15 years, there has been applied to our low lime soils slightly less than one ton of lime to the average acre.

It is believed that with a climate such as Michigan's, 300 pounds of lime is lost from the average acre of top soil each year by cropping and leaching.

Legumes feed more heavily on lime than do other crops. A three-ton crop of alfalfa contains the equivalent of 300 pounds of lime, though part of the lime removed by feeding crops is returned in the manure.

Though Michigan farmers are using two and one-half to three million dollars worth of lime each year, it is believed that they are spending 15 million dollars for live stock and poultry feeds. Much of this extra feed can be produced on the home farms if soils are properly limed and fertilized.

Liming should be the first step in improving the productivity of medium to strongly acid soils, Longnecker believes. Whether lime is needed and the frequency of reliming can only be determined by testing representative soil samples. County agricultural agents can give information regarding soil testing.

Grand total of trees planted by individual industrial land owners is 12,000,000. The trees were grown in nurseries operated by Michigan State College, Michigan Conservation Department, United States Soil Conservation Service and local Soil Conservation Districts.

Michigan Plants Many Seedlings

Farmers and other land owners in Michigan planted 11 million trees last year — one third more than the number planted in any other north central state, reports V. Ira Bull, Michigan State College forester.

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