SOIL WATER IS TESTED BY NEW DEVICE

Another headache has been removed from scientific agriculture. A Michigan State College research man has developed a device that will reveal how much soil moisture is available for plant growth without waiting two or three months for results under old methods. It's like reading the mind of the soil, if the soil had a mind.

Dr. G. J. Bouyoucos of the soils department staff of the college performed the miracle. In 20 or 30 seconds, with the variation of the Wheatstone bridge, which measures electrical resistance, the device he developed can tell the amount of soil moisture, the soil is able to release from between soil particles.

Old methods involved lifting a section of soil and putting it in a greenhouse under controlled conditions, waiting for growing plants to wilt. Now the test is taken right in the field.

Briefly, the method permits more accurate knowledge for applying the most efficient volume of water in irrigation. It can tell when to irrigate and when enough water has been applied.

A porous absorption block about the size of a pocket matchbox is buried in the field. Wires lead to the surface. This block is made of plaster of paris and it takes on moisture or gives it up just as does the soil surrounding it. When moisture is available, resistance is proportionately less than when the soil and the test block do not have as much moisture. This variation can be determined accurately by the resistance device which is equipped with earphones for accurate readings. The equipment weighs but 10 pounds.

Dr. Bouyoucos predicts wide usage in Michigan greenhouses and even in open field conditions where farmers are increasing midsummer irrigation. Western states' farmers are eagerly demanding details.

MONUMENTS
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Beavers' Bad Aim Cuts Off Telephone Service

Unless the beaver on Gladwin state game refuge get seriously hungry again, Alfred McLain, refuge superintendent, believes he will have no more telephone troubles this winter.

McLain's difficulties began before Christmas. A 10-inch poplar cut down by a beaver fell across the telephone line, breaking it. Then because of complaints of "too much noise" the refuge line was cut off from service to Gladwin.

Repairs to the original break left the line still dead. On snowshoes linemen checked the wire from headquarters to boundary, then cut off one tower line and grounded another before service was restored. McLain was several weeks without a phone.

It all started, the refuge keeper says, when that beaver was so bungling about felling the tree.

EAGLES AT HOUGHTON LAKE

The source of the Muskegon river at the northwest side of Houghton Lake has been selected by a pair of adult bald eagles as a place to spend the winter. Chance visitors to the isolated locality may see the pair, with their flashing white crests and tails, perched together on tall live oaks or a sun bleached pine stub high above the river.

Send in your news items.

Draftees

(Continued From Page One)

nell, Eugene A. Schmansky, John D. Evans, James H. Baden, Burhl M. DeGarmo, Kenneth T. Treacy, Evart T. Lakies, George J. Kovacs, Leslie L. Ferris, Edward J. Tallenger, Richard A. Kolar, Robert Felt, Jr., David B. Dunlap, Stephen J. Winchester, Lawrence E. Hill, Archie C. St. John, Alfred G. Hansel, Jack Tracey, Arthur F. Marohn, Herbert A. Satow, Clarence J. Miller, John H. Moyer, Joseph M. Doyon, John T. Yesh, Swen G. Swenson, John B. Donaldson, James T. Hubarth, Kenneth S. Wixom, Raymond F. Young, Earl M. Russell, Robert B. Cook, Francis A. Figart, Harley E. Woody, George R. Cunningham, Gerald I. Berlien, William C. Brown, William C. Currin, Herbert Weinberger, George W. Robinson, Edwin H. Putnam, Guy E. Klender, John D. Heck, George B. Dailey, Lawrence A. Wagnitz, Orle Huitema, Arlington D. Newman, Clyde S. Harmon, Frank M. Jagunich, Lawrence R. Sampson, William H. Allen, Barney K. Robb, Arthur F. A. Buehre, Angelo Monte, Roger S. Green, Melvin L. Stonewall, George K. Agnew, Arthur H. Vradenburg, Frank J. Strye, Herbert L. Cummings, John F. Devereaux, Martin A. Paulson, George R. Flannery, William E. Parge, Ronald W. Weide, Ralph L. Trites, Byron E. Lapham, Rev. Fr. Joseph V. Swastek, Leonard J. Rafalowski, Miles H. Underhill, Theodore L. Barry, Jr., William K. Sanborn, Leo Kurzweil, Clare W. Chatteron, Harry H. Watkins, Leonard A. Davis, George W. Stilwell, Sidney C. Olson, Wilbur J. Dewey, Norman E. Parker, Albert D. Kocsis, Harry W. Kunse, Gerald O. Abrams, Elmer L. Campbell, Ralph R. Langdon, Merril W. Preistly, Stanley C. Mrock, Kenneth S. Rocker, Erich Weis, Thomas H. Booth, Milford J. Roberts, Frazer H. Wadenstorer, Paul E. Cook.

George E. Burk, Donald W. Sharpe, Harry D. White, Frederick P. Katus, Thomas E. Dennis, Charles F. Wimmer, James C. Herrington, Charles W. Smith, Roy E. Olson, John H. Meier, Herbert D. Broeske, Sherman W. Swindlehurst, Robert F. Boyle, Roy O. D'Autremont, Lowell M. Rutterbush, Cecil H. Cronkright, Alvin E. Larson, William C. Lukes, Carl E. Cossin, George E. Scott, William T. R. Robertson, Robert C. Usher, Randall H. DeLong, James B. Grant, Albert E. Coates, Jr., Milton Bozek.

CORN SUPPLY AMPLE

Reports from the United States department of agriculture indicate the country began the year with a corn supply of 3,150,000,000 bushels of corn, nearly a record supply. Michigan farmers feeding meat and dairy animals are helping use the corn. Those who have studied this supply indicate there is enough corn and other feed on hand to produce more meat and livestock products than the American public has ever consumed in any one year.

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COMMISSIONERS' PROCEEDINGS

Special meeting of the City Commission of the City of Farmington held March 3, 1941.

Called to order by Mayor Gildemeister 8:30 a. m.

Commissioners present: Hatton, Oldenburg, Bagnall and Otis.

Motion made by Hatton and supported by Bagnall that the Commission of the City of Farmington adopt the following Resolution:

RESOLUTION

WHEREAS the City of Farmington is desirous of purchasing for public purposes and not for resale the following described property:

That part of the following described property lying north of the North line of Farmington Cut-Off Road, beginning at the south quarter corner of Section 28, Town 1 North, Range 9 East, thence East on the south line of said section to the Southwest corner of "Assessor's Plat No. 1", thence north on the west line of said Plat and extension of same to the East and west quarter section line, thence West on said quarter section line to the center of Section 28, thence south on the quarter line to the beginning excepting a parcel in the northeast corner 104.90 feet east and west by 224.85 feet, north and south, in the City of Farmington, County of Oakland and State of Michigan. Containing 67.46 acres of land.

That part of the following described property lying south of the south line of Farmington Cut Off Road, beginning at the South quarter corner of Section 28, Town 1 North, Range 9 East, thence east on the south line of said section to the southwest corner of "Assessor's plat No. 1", thence North on the west line of said plat and extension of same to the east and west quarter section line, thence West on said quarter section line to the center of Section 28, thence south on the quarter line to the place of beginning, in the City of Farmington, County of Oakland and State of Michigan. Containing 38 acres of land.

Part of the Northeast quarter of Section 28, Town 1 North, Range 9 East, beginning at a point on the north and south quarter section line distant south 739 feet from the southwest corner of "Perkins & Cowan's Subdivision", thence East 993.47 feet, thence North 200.27 feet, thence East 721.70 feet, thence South 441 feet to the east and west quarter line, thence west on said quarter line to center of said section, thence North to the place of beginning, in the City of Farmington, County of Oakland and State of Michigan. Containing 13 acres of land.

Lot 8 of Assessor's Plat No. 1 of Section 28, Town 1 North, Range 9 East, in the City of Farmington, County of Oakland, and State of Michigan.

Part of the North one-half of Section 27, Town 1 North, Range 9 East, beginning at a point on the South line of Ten Mile Road, located S. 89 degrees 57 minutes W. on section line 173.2 feet and south 30 feet from the northeast corner of said Section 27, thence South 89 degrees 57 minutes west along the south line of Ten Mile Road 2,438.65 feet to the East line of Powers Road, thence South 5 degrees 40 minutes West along the east line of Powers Road 800 feet, thence E. 127.6 feet, thence South 9 degrees 04 minutes E. 317.5 feet, thence South 7 degrees 11 minutes West 175.8 feet, thence East 298 feet, thence South 205 feet, thence East 70 feet, thence South 197.66 feet, thence East 365.22 feet, thence south 240.90 feet, thence E. 317.19 feet, thence South 150 feet, thence South 59 degrees 01 minutes East 100 feet, thence East 171.46 feet, thence South 150 feet, thence East 160 feet, thence South to the north line of Shiawassee Road, Thence southeasterly along said road 14 feet to the East and west quarter line, thence East along the quarter line 810.80 feet, thence North 210 feet, thence East 207 feet to the West side of Orchard Lake Road, thence North parallel to and 53.20 feet west of the East section line 1,975 feet to the Southeast corner of Lot 272 "Farmington Woods Subdivision," thence south 89 degrees 57 minutes west 120 feet, thence North 434.90 feet to the place of beginning, in the City of Farmington, County of Oakland and State of Michigan. Containing 121.60 acres of land. At the State Land Board sale now pending, and

WHEREAS the City of Farmington is desirous of taking advantage of the offer of the County of Oakland to use its bidable tax equity in the taxes cancelled on the above described property, being Oakland County Board of Supervisors Miscellaneous Resolution No. 1789, adopted by said Board on February 8, 1940, now on file in the office of the Clerk of Oakland County, State of Michigan, and

WHEREAS the City of Farmington desires to also use the bidable tax equity of School District No. 5 located in the City and Township of Farmington, Oakland County, Michigan,

NOW THEREFORE BE IT RESOLVED that the City of Farmington hereby authorizes John J. Schulte, Jr. to appear at said sale and place a bid in the name of the City of Farmington, County of Oakland, and School District No. 5 for the purchase of said property.

BE IT FURTHER RESOLVED that John J. Schulte, Jr. be and hereby is authorized to bid not in excess of Twelve Thousand Three Hundred ($12,300.00) dollars which bid will be inclusive of the tax equities of the three units involved.

BE IT FURTHER RESOLVED that the County of Oakland, through its representatives, be requested to cooperate with the City of Farmington.

BE IT FURTHER RESOLVED that School District No. 5 be requested to cooperate with the City of Farmington and be requested to pass an appropriate resolution to accomplish such purpose.

BE IT FURTHER RESOLVED that arrangements be made with the Board of Auditors or the Ways and Means Committee of the County of Oakland to pay out Oakland County's Tax equity over a five (5) year period in pursuance of the Miscellaneous resolution above mentioned.

BE IT FURTHER RESOLVED that a similar arrangement be made with School District No. 5.

BE IT FURTHER RESOLVED that sufficient sum of money be appropriated from the general fund to pay the amount of cash to the State Land Office Board within twenty-four (24) hours after sale to comply with the provisions of Act 155 of 1937 as amended by Act 244 of 1939, and

BE IT FURTHER RESOLVED that upon report of John J. Schulte, Jr. to the proper City officials as to the amount of cash necessary to perfect said bid that the city treasurer be authorized to make the City's warrant payable to the State Land Office Board for the sum needed.

Roll Call: Hatton, Oldenburg, Hamlin, Bagnall and Otis.

Motion made by Bagnall and supported by Oldenburg to adjourn. Carried.

Leo F. Gildemeister, Mayor

Harry Moore, Clerk.

Reported to be the only one in the world, the Cherokee Indians in Oklahoma, have a newspaper in their own language.

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"Ellery Queen Master Detective"
Plus Cartoon Latest News Every Wed.
IT PAYS TO SHOP IN FARMINGTON

Woodland Fire Has Beneficial Results

Fire that swept Barry county woodlands in 1939 had considerable value in spite of the damage, in the opinion of Arnold Haugen, conservation department representative directing the work on the Barry county Pittman-Robertson wildlife area.

Sprouting dogwood, sassafras, aspen, hickory and oak that has sprung up in dense thickets over the area makes a big improvement over the previous stand of large trees, so far as wildlife of the district is concerned, Haugen says.

The snail has 14,175 teeth, a most peculiar set. They are arranged in 135 rows of 105 each. The actual count was made by a British dentist.

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ELECTION NOTICE

TO THE QUALIFIED ELECTORS OF THE CITY OF FARMINGTON, COUNTY OF OAKLAND:

Notice is hereby given that a Biennial Spring Election will be held in the City of Farmington, in the County of Oakland and State of Michigan on April 7, 1941, from 7 o'clock in the forenoon until 8 o'clock in the afternoon, Eastern Standard time for the purpose of electing the following officers:

STATE

Two Justices of the Supreme Court
Two Regents of the University of Michigan
Superintendent of Public Instruction
Member of the Board of Education
Two Members of the State Board of Agriculture
State Highway Commissioner (to fill vacancy) term ending June 30, 1941
State Highway Commissioner, term ending June 30, 1945
Three Circuit Court Judges for term ending December 31, 1947.

CITY

Mayor for a term of two years
Clerk for a term of two years
Treasurer for a term of two years
Assessor for a term of two years
Three Commissioners for a term of four years
Two members of the Board of Review for a term of two years
One Justice of the Peace for a term of four years
Two constables for a term of two years

Notice is hereby given that March 27 at 8 p. m. will be the last day to file petitions.

H. W. MOORE
City Clerk

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DRIVE "D"	NO	Optional	NO	NO	NO	NO
DRIVE "E"	NO	Optional	NO	NO	NO	NO

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