A DISCOVERY.

The Oregon Agricultural and Rural Northwest of April contains the following article: "The Michi­
gan Agricultural College announces a discovery which suggests a new line of experiments in horticultural operations. It is the addition of insoluble matter will reduce to an amazing extent the injurious effect of solutions upon seedlings. Corn seedlings which would barely stand a solution of a certain strength would endure without harm a solution 6 times stronger where ground quartz was added to the solution. The ground quartz in no way affected the chemical character of solution. The direct conclusion drawn from this discovery was that chemical analysis of soil fails to deter­mine what there may be in the soil available for plant growth." The Agricultural suggests that this dis­covery may prove of value in spraying operations. The discovery referred to appeared in the M. A. C. Record recently and was worked out by Prof. Danieno of the botanical de­partment, who has carried on a long series of experiments along this line.

CONTESTS IN NORTH DAKOTA.


Questions and answers were given a very creditable showing the pony very much.
M. A. C. RECORD.

MARKET WAST GONE.

"As competition forced these little establishments out of business, the people who owned them, as did their respec-
tiveness, to the cities and large towns. With them went not only the re-
tail markets, but the farmers, when a wholesale market was, for the country stores could not live on the profits gained from handling and feeding produce and were obliged to close. Thus the farmer's market was gone, and he must look elsewhere for a place to sell his produce."

A. M. C. RECORD.

Bernard Nagelvoort lives in Detroit and recently became a proud father. Some particulars are lacking, but in any event, information cannot be given at present.

With '05. Augustus G. de Clercq was married to Miss Clara M. Wordley on April 2, in Chicago. Mr. Clercq was a special student at M. A. C. in 1903. The Record extends congratulations.

THE M. A. C. RECORD.

INCREASE OF FRUIT GROWING.

"That thar perfesser of th' Michi-
gan Agricul'tural College who said "kill all th' brood must be a hard-
himself," said Reuben Jay, of Bad Axe, this morning. "If he wouldn't present each of th' spoon-fed grad-
utes of th' M. A. C. with his jigger it would be useful in th' field, perhaps to keep th' crows from scratchin' th' corn. Don't yew tetch in our grove, Mr. Professor, be - -"Detroit News.

A BIRD.

"When all these little mills were running the farmers in their imme-
diate vicinity had a ready market for their flour, butter, eggs or veget-
able, without having to ship it away to distant cities, for what the village gent would buy could be taken to the mill-store and sold or traded for goods from the store which the farmers did not raise but had to have."

"Thus the village store became a sort of central buying and selling farm products, and shipping it to the city markets, taking all of that responsibility away from the farmers, who in the end were to be the losers by not knowing how to handle their goods."

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Bitter Sweets

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THE M. A. C. RECORD.

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Canvas Cots at 95c. Woven Wire
Cots at $1.50. Woven Wire
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$1.50. Mattresses at 35c, 50c,
and $1.00. Tables at $1.50 and
$1.35. Chairs at 50c up.

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ABOUT THE CAMPUS

The cry at Ypsilanti now is "On to M. A. C.!!" A large delegation will be here on April 22, the time for the debate.

A black overcoat was left in the mechanical laboratory about two weeks ago. Owner can call for it at 6:30 on "The Inspection of Land and Cotton Shirt Waists, Muslin Underwear, Dress and Walking Skirts, at the office of Prof. Weil.

Mechanical laboratory about two weeks ago. Owner can call for it at 6:30 on "The Inspection of Land and Cotton Shirt Waists, Muslin Underwear, Dress and Walking Skirts, at the office of Prof. Weil.

M. A. C.!!" A large delegation visiting in Terre Haute, Ind., at Monday and has secured rooms at M. A. C.

W. L. Wheeler accompanied her as far as M. A. C. as the guest of Mrs. Marshall. Prof. A. R. Sawyer came here on April 22, the time for the debate.

Mr. C. A. McCue will give the M. A. C. Foresters at 6:30 on "The Inspection of Land and Cotton Shirt Waists, Muslin Underwear, Dress and Walking Skirts, at the office of Prof. Weil.

This evening Mr. C. A. McCue will give the M. A. C. Foresters at 6:30 on "The Inspection of Land and Cotton Shirt Waists, Muslin Underwear, Dress and Walking Skirts, at the office of Prof. Weil.

Furniture... Headquarters

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Rubber Heels

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The rubber heel makes no noise, diminishes perceptibly the jar incident to walking and makes a consequent saving in nerve force.

Price, 40c. a pair.

Special to M. A. C. Girls.

Also rubber sole and cloth top gymnasium shoes.

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BASEBALL SCHEDULE.

The baseball schedule as adopted by the faculty is as follows:

April 14, Detroit College at M. A. C.
April 22, U. of M. at M. A. C.
April 26, Albon at Albion.
April 27, Kalamazoo at Kalamazoo.
April 30, Detroit College at Detroit.
May 4, Hillsdale at M. A. C.
May 7, Alma at M. A. C.
May 14, Olivet at M. A. C.
May 14, Kalamazoo at M. A. C.
May 20, University of Wisconsin at M. A. C.
May 21, Olivet at Albon.
May 26, Albon at M. A. C.
May 28, Albon at Alma.
May 30, Ypsilanti at M. A. C.

Mrs. F. W. Robinson is visiting at home in Michigan.

A new department of farm engineering has recently been added to the school of agriculture in Madison, Wis. The last legislature appropriated $15,000 for the erection of a building, which will be put up this summer. Instruction will be given on how to run windmills, grinding machinery, engines, plows, etc., and will be designed to give a practical education to farmers in this important branch of farm work. Michigan should have the same equipment.

Reports from the different counties indicate an increased demand for one-day farmers' institutes. Several have asked for six such institutes. Four have been held so far in these counties. Institutes are of great value to farmers and the legislature should make an additional appropriation for this purpose. Wisconsin appropriates $12,000, other states even more. Michigan has more institutes than any other state except Pennsylvania and Wisconsin.

The Michigan Agricultural Society has more institutes than any other states even more. Michigan has more institutes than any other states except Pennsylvania and Wisconsin.

The state of Michigan except Pennsylvania and Wisconsin has more institutes than any other state except Pennsylvania and Wisconsin.

There is a great misunderstanding in regard to the length of time during which conditions can be made up. Suppose a student receives D in freshman algebra, fall term, and can take a special examination in this subject on Monday of the term following the failure. In case he neglects to do this he can make arrangements to take it at some time during the winter or spring semester. If be waits till the next fall term, he will be obliged to take the subject in class unless the general board of agriculture grants him a special privilege. However, it is not safe to depend on this privilege.

"The Acre," a paper published in Three Oaks contains an interesting sketch of Hon. Henry Chamberlain. Mr. Chamberlain recently celebrated his 90th birthday and was the recipient of many congratulatory letters. He was a member of the Michigan Legislature in 1857, at the opening of Congress in 1857 and 1873 for governor in 1873 and again for congress in 1876. He has received the thanks of the democratic party three times for the United States Senate. He was a member of the State Board of Agriculture from '83 to '92 and from '91 to '57. Mr. Chamberlain is well known at M. A. C. His son graduated here in 1882, is now professor of Mechanical Engineering at Lewis Institute, Chicago.

The M. A. C. district school should be a model to condition of grounds. We have courses in landscape gardening and beautifying not in the town. We preach to others the important value of the beautiful in nature. We claim that it is a simple matter to plant a few shrubs, have a flower bed or two, and to make things neat and attractive. In fact, we are thinking of the advisability of extending an extension of the village folk thousands to do these things; and yet our next school district is not a bit better than the average rural school in the state, at least so far as the grounds are concerned. These things should be changed. The Delta has plenty of talent. The district is large enough and rich enough to stand the expense. Spring is here, now doing something. The M. A. C. district school should set a model in every way. It can not now claim this distinction.

Ex-secretary L. H. Butterfield of Pontiac and several members of the executive committee of the State Agricultural Society visited at M. A. C. last Thursday. The committee met in Lansing to decide upon a permanent location for the state fair. No agreement was reached.

After 50 ballots had been taken, the meeting was adjourned. The vote stood 13 to 12 in favor of Saginaw or Pontiac. Since they were necessary for location, something should be done. Jackson polled 7 votes at one time and then gradually dropped out. A good deal of feeling has been stirred up. Why not bring the fair to the center of the state? If Saginaw has not enough to stand the expense, it is a simple matter to plant a few things and to make things neat and attractive. A. C. ROLLER, Secretary to Bottcher, Lansing, Mich.

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- PUBLISHING FIRMS.

- BASEBALL SCHEDULE.

- THE M. A. C. RECORD.