## SUMMER SCHOOL OF PRACTICAL AGRICULTURE

SHAW, Dean of Agriculture, Michigan Agricultural College



The first regular organized summer achool of practical agriculture was opened at the Michigan Agricultural college June, 1911, and continued throughout the enseting four weeks. This course is intended to train the analysis procured in this school or elsewhere performance of ordinary farm work is concerned. No formal bectures were given, but each student was shown to properly performs the operation of the coultward that the student was shown to properly performs the operation of popular procured in the section of the coultward of the concerned. No formal bectures were given, but each student was shown to properly performs the operation of competent instructor, vir.: Titing and operating of haying and harvesting tools and machinery, it same being true in the case of all implements may be appeared to take part in very operation involved in farm drainage, the same being true in freeding, care and management of poultry, hogs, sheep, beef cattle, dairy state and horses. In fact the student was required to put the had to rection given. A student sent to mow unterformed the properly, swing and to take hold properly, swing and the take the best mode of fight-

RULES for Extermination of Weeds

By DR. W. J. BEAL

each to the best dividings, i.e., who method.

2. See that all seeds purchased or grown at home for seed are free from seeds of weeds. Although often heard, these words are too little heeded.

3. See that threshing machines, hay make, grain hags from other farms are well cleaned before used on the form.

farm.

4. Cook or grind screenings and burn chaff when certain weeds are suspected.

5. Send seeds to the agricultural college, East Lansing, for identification, unless they are known to be harmless.

6 Strive to prevent

1. The right kind of a man, who will carefully observe and study the kinds of weeds and their habits, fighting each to the best advantage, i. e., with

a great extent the best mode of fighting it. Certain remedies suggest themselves for creeping perennials, like quack grass and toad flax, while different treatment is best for farrow-leaved dock; and still a different mode of attack may be adopted for crab grass and pursione.

Weeds are annuals, as pigweeds, crab grass, pursianc; blennials as built bistic and mullens; perennials, like quack grass, Canada thistle, or-eye Datsy.

Will k pay? The annual cost of successfully fighting a weedy farm of 100 acres in Ontario has been found to be about \$75. Good cultivation in the long run pays a greater profit than sliphod culture. It not only kills the weeds, but keeps the soil in condition for securing good crops. It conserves moisture.

Perennial plants cannot gain any if the green leaves are not allowed to

Perennial plants cannot gain any if the green leaves are not allowed to appear. The nourishment stored in the root stocks underground will add the plant to send up slender leaves and if these remain, the plants gain and recruit, but if the leaves start underground and are cut off before coming to the light, these root stocks are described as the start of the common consists of the common

tion, unjess they are known to be hardless they are known to be hardless they are known to be hardless to prevent weeds from the fire the level and the repetition of the fire the level and the repetition of the fire the level and the results that the level and the seeds ripen before their presence is suspected.

7. For meadow or pasture make the seeds ripen before their presence is suspected.

8. Modify the rotation deeds.

9. Make a specialty of heed or cut.

10. Make solling crops a prominent feature in certain fields.

Vanc chicks will not do no real

s. Make a specialty of head or cuttvated crops.

10. Make solling crops a prominent feature in certain fields.

11. Smother weeds with quick growing and thickly seeled crops. like red cropt or the control of the cont

Americans Fiee London Hotel Fire. Americans Fize Lordon Hotel Fire Mearly one hundred Americans, including James R. Keene and Gov. and Mrs. Frank Brown, of Maryland, nearowly escaped death when the Hotel Carlion, Llondon. Eng. was badly damaged by fire. One guest, an American actor, James Lee Finney, was killed. His charred remains, burney and beyond recognition, were found in the althour adjoining Mr. Finney's room on the fifth floor of the anner. Apparently Mr. Finney had gone into the buthroom to batch before dressing and was aspby:inted.

### THE MARKETS

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ces, 304 to 1006, 1164, 135; grass stores of 146 to 156. The store of 146 to 156. The store of 156 to 156 t

Hoav, \$1.90@\$; yorkers, pigs, \$8. Receipts, 5 care; strong; top lambs, \$7.67.15; yearlings, \$5.95.25; wethers, \$3.90@; evens, \$3.93.50. Caives; \$4.50@\$.75.

per nack. Choice to fancy comb, 149 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500; 1500;

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FRUITS.

Pears—\$1@1.25 per bu.
Plums—\$1@1.25 per bu.
Huckleberfice—\$78.25 per bu.
Blackberries—\$1.50@1.75 per 16-at.

Biackberfes — \$1.500 to per to-tage and to the complex per bit.
Melons — Watermelons. 25@40c each:
Rocky Forts. 25.00 to per to the complex per craft;
Peaches—Arkansas Esterias, 34 per bu, 31.50 per 4-basket craft;
Mchigan, 1-5 bu, 20c bunnels, 31.30.50.

bit, \$1.30 per 4-basket craice; Michigan, 1-8 but, 25c; bushels, \$1.30.150.

The individual, gather remortal plan advented by Ann Arbor council has been vected by the mayor as expensive and unsanitary, who does not believe the clitzens would stick it of their task.

An amendment to the constitution providing that the president and vice-president be elected for terms of six years instead of tour and not be oligible to-succeed themselves. has been introduced in the first providing that the president and the constitution are considered as the constitution of the constitution of the constitution of the constitution providing that the president and vice-president be elected for terms of six years instead of tour and not be oligible to-succeed themselves. The beet providing that the president and the constitution are constitution and the constitution of the constitution are constituted by the constitution of the constitution providing that the president and the constitution are constituted by the constitution of the constitution are constituted by the constitution of the constitution providing that the president and vice-president decision. The constitution are constituted by the constitution of the constitution providing that the president and the constitution providing that the president and the constitution providing that the constitution providing that the president and the decision. John J. Joyce, an aritator, fell 560 det with decision. John J. Joyce, an aritator, fell 560 det with decision. John J. Joyce, an aritator, fell 560 det with decision. John J. Joyce, an aritator, fell 560 det with decision. John J. Joyce, an aritator, fell 560 det with decision of the decision. John J. Joyce, an aritator, fell 560 det with the decister of the decision. John J. Joyce, an aritator, fell 560 det with the decister of the dec

## **VETOING STATEHOOD** TAFT HITS RECALL

EAKS PLAINLY OF POPULAR IN-NOVATION IN OVERRULING ARIZONA AND NEW MEX-IGO STATEHODD.

SENATOR WM. ALDTN SMITH PUTS IN SUBSTITUTE BILL,

President Says Majority Is Not A ways Just; Judges Must Be Inde-pendent of Popular Will-Meas-ure Fraught With Danger,

Sheep: Receipts, 5 cars; strong; top
lambs, 1;67:15; yearlings, 25:63.

Calves, 1;62:15; yearlings, 25:63.

Calves, 1;33:65, 25:63.

DETROT—Wheat; Chan No 2; rd,
all called the control of the control o

result in immediate. statehood.

Would Bring Medical Corp Up-to-Date. At a meeting of the state military hoard, held in camp in Port Huron. Capt. H. D. Thomason, of the medical department, United States 'army, on duty with the division of militia affairs, who was sent to Camp Orborn to inspect the medical corps, recommended that the medical corps, recommended that the medical orps, recommended that the medical of the regular scale of the medical corps, recommended that the medical department—and there seems to be no question but that it will—the reorganization will mean an increase in officers and hospital corps men and a complete ambulance company, it will mean the purchase of new up-to-date ambulances and considerable other hospital equipment.

Shoots Wife and Kills Himself.
C. Howard Linabury, formerly jus-tice of the peace and well known in Pontinc, shot his wife and killed him-self. Mrs. Linabury received a bul-let through the left in the peace of the peace for six months and Linabury had entered suit for divorce.

Holland workmen, hit by the decree of the Christian Reformed church that no union man can belong to the church, have started an appeal against the decision.

A WALKING SKELETON.



A WALKING SKELETON.

Worn Out and Prostrated with Terrible Kidney Trouble.

Mrs. Margaret Cook, North Market St. Logan, Ohio, sayar "It is aimost impossible to describe my sufferings. My back ached constantly and so awful was to be a suffering and the suffering an

Rester-Milburn Co., Buffalo, N. Y.

A 'Complication,
Besale found getting well much more
thresome than being sick. She was becoming very impatient about sairying
indoors and eating soups.
When her aunt asked her how she
felt she repifed that she was much
worse; that the doctor had found
something else the matter with her.
"Why, what is it?" asked her; aunt
"I think the doctor said 'convalesence."

Cole's Carbolisative quickly relieves and cures burning, itching and torturing skin diseases. It instantly stops the pain of burns. Cures without sears. Ee and 600 by druggists. For free sample write to I. W. Cole & Co., Black River Falls, Wis.

A man who gives his children habits of industry provides for them better than by giving them a fortune— Whately.

Our highest religion is named "the orship of sorrow."



## Cement Talk No. 1.

Buyers of Portland cement should remember that there are various brands of Portland cement on the market and that all Portland cement is

UNIVERSAL FORTLAND CEMENT CO. CHICAGO-PITTSBURG ANNUAL OUTPUT 10,000,000 BARRELS

If afficted with Thompson's Eye Water

W. N. U., DETROIT, NO. 33-1911:

BETTER FOR MEN, WOMEN AND CHILDREN THAN CASTOR OIL.

SALTS,OR PILLS,AS IT SWEETERS AND CLEANSES THE SYSTEM MORE EFFICIENTLY AND IS FAR MORE PLEASANT TO TAKE

# SYRUPOF IGS and LIXIROS ENNA IS THE IDEAL FAMILY LAXATIVE, AS IT GIVES SATISFACTION TO ALL, IS ALWAYS ENERGICAL IN ITS ISFECTS AND PERFECTLY SAFE AT ALL TIMES. NOTE THE NAME

## CALIFORNIA FIG SYRUP CO.

in the Circle, | on every Package of the Genuine.

ALL BELIABLE DRUGGISTS SELE THE ORIGINAL AND CHOUSE WHEN CALLED FOR ALTHOUGH THEY COULD MAKE A LARGE PROFIT BY SELLIN INSERIOR PREPARATIONS, YET THEY PREPAR TO SELL THE CRUINE, BECAUSE IT IS RIGHT TO DO SO AND FOR THE CODO OF THEIR CUSTOMERS. WHEN IN NEED OF MEDICANS, SUPPLY OF THE COST OF THE CUSTOMERS. WHEN IN NEED OF MEDICANS, AND LIFE OR HEALTH MAY AT SOME THEE, DEPEND UPON THEIR SKILL AND RELIABILITY.

### Note the Full Name of the Gompany CALIFORNIA FIG SYRUP CO.

UNITE UNE DAM OWN THE SAF PER BOTTLE,

STRUP OF FEG. AND LIGHT OF SENDI, A 15 HE ONLY PERFECT FAMILY LAKATIVE,

STRUP OF FEG. AND LIGHT OF SENDI, A 15 HE ONLY PERFECT FAMILY LAKATIVE,

ROUGH TO THE ONE REMEDY WHICH ACTS HE A NATURAL, STRUMFTHEND WAY

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## CALIFORNIA FIG SYRUP CO.



SPOHN MEDICAL CO., Chemists, GOSHEN, INDIANA

A BIG SACK OF TENKELS BREAD FLOUR



W. L. DOUGLAS \*2.50. \*3.00. \*3.50 & \*4.00 SHOES

WOMEN wear W.L.Douglas stylish, p fitting, easy walking boots, because the long wear, same as W.L.Douglas Men's THE STANDARD OF QUALITY-

The workmanship which has madeW.L. Douglas shoes famous the world over is

Doughis shoes famous the world over is maintained in every pair.

If I could take you into iny large factories at Brickton, Mass, and show you how would then understand why, they are warranted to hold their shape, it belier and wear longer than any other make for the princ was required. If you existed chain, W. L. Doughis shoes in the control of the principle o

