The Dairy Cow.

Mr. C. P. Goodrich, of Fort Atkinson, Wisconsin, one of the most successful and widely known dairymen in the country, was a speaker before the students of the special courses, one of which was listened upon the conformation of the dairy growth of the industry which has made Jefferson the famous dairy county of a leading dairy State. The dairy association of the beauty of what is called the dairy form, as the income yearly profits come to him all at one time.

Mr. Goodrich has formed his idea as to the typical form of the dairy cow. A full bright eye, and broad forehead; a full strong jaw, wide at the base; great depth of body; a prominent back bone and open rib; a high pelvic arch; thighs wide apart as viewed from behind; large milk veins and large well formed udder, are among the points upon which stress was laid. Mr. Goodrich considers Brown Bessee, the famous winner of highest honors at the World’s Fair, a cow of typical dairy form and he carries in the picture not only his head but the picture of Brown Bessee often as that of his wife, but adds that to his head.

A good dairy cow was defined as one that is a large consumer of milk, that produces milk that will turn it all into milk except what she needs to sustain her own body. Mr. Goodrich believes in feeding and breeding to a balanced ration of a variety of foods. He related an interesting experience of his own where the investment of thirty cents a day in a particular kind of food to “balance up” the ration he was feeding brought him an increase of sixty cents a day in income from his butter. He does not believe in forcing cows to the limit of their capacities. He says that, as a rule, the cows that have made great records have not been heifers.

The talks were enjoyed very much by those who heard them, and all are glad to know that another opportunity will be had to hear Mr. Goodrich next week.

An Inducement for High School Pupils to Attend Farmer Institutes.

For the purpose of getting more young people to attend the farmer’s institutes, the superintendent of institutions, in co-operation with the College, has inaugurated a series of contests among high school pupils of the State. The plan is to have all high school pupils attend the session of the institute in their town.

Then as many as care to enter the contest must write a report on their crop for the session they attend, giving a synopsis of each talk or paper presented, with a report of the contest and its decisions which follow. The best report, as determined by a committee of the superintendent of schools, is sent to the College, and receives a prize.

The best five reports, as determined by the Department of English at the College, will be published and distributed. The College also offers premiums to the most successful competitors, as follows:

1. To the person sending in the best report the Agricultural College will remit room rent for one year. This will amount to about $15 or 12.50.

2. For the second best, a remission of matriculation fee and of in tuition fees for one year, which will amount to $12.50.

Anyone securing either of these prizes will have the privilege of en trating the College and utilizing the College and co-operation with the institutes, in order to get the high school pupils of the county sold for nearly a cow for every person, and the number of mortgages on Jefferson county farms since the inauguration of the dairy form, as the income yearly profits come to him all at once.
THE M. A. C. RECORD.

FEBRUARY 8, 1898.

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How to Start and Operate a Cooperative Creamery.

One day last week the special correspondent of the Record had the privilege of listening to a talk by A. C. Jones, of Middleville, on "How to Start and Operate a Cooperative Creamery." Mr. Jones is a shareholder in the Cold Spring Creamery, a co-op creamery located at Cold Spring, and he suggested on the experience gained in the management of that business.

In the first place, the speaker thinks, three directors, located near each other, should be on the management of affairs—better three thus located than seven or nine scattered over the country, because business is better attended to more promptly.

Then elect competent officers—a president, secretary and treasurer to look after the management of affairs. By all means engage a good maker. It is as necessary to make good butter, if only one hundred pounds per day is made, as if the output is seven or nine hundred pounds per day. The reputation of a creamery is to be built up and maintained, and this can only be done by the most careful selection of the cream and milk obtained, or by the best of everything, and maintaining the same kind of cream and milk, and milk and cream Canters, and we were troubled but little with sour milk.

Having secured your officers, and having worked up your system as well as possible, set a day to start your creamery and start up. Take that milk, and come to that best you can for the patrons. Remember it is a new business to them, and they have it all to learn; they don't understand about the tests or overplus. We always give them all the opportunities of selecting butter and milk.

At the end of a month or two you find that the profit is on the wrong side of the balance sheet, do not be discouraged, but go on to try and hunt for some good butter, or milk, or milk must have milk or fail. Your creamery is starving for the want of milk.

Your directors should now go out among the farmers and talk to them about it; they think that they have but little milk, not enough to send, and that they ought to wait until next season and see how it turned out. Tell them your creamery wants milk and must have milk in order to run; that will help. By leading them by cans they for a month we induced many to enter the creamery by those who were stayers with us. Educate them to the business in this way; remember the creamery business is a revolution in their business, especially in a grain growing country. Have a dairy association if possible, if you can, to make a creamery; get them out; get some good speakers. We had such a picnic at a time when our business was exceptionally bad and our milk was running off badly daily, and this picnic added about thirty dollars more to our losses; but at the same time we reaped a harvest of new patrons. After running six months we found we had run behind nearly a thousand dollars, but our stockholders stood by us, and we started to rest, and by the end of a year we were not out of the creamery. On account of the way that they have stood by us, and success has crowned our efforts.

Mr. Jones mentioned as another important matter in the success of a creamery, the securing of sober, punctual, accommodating men as directors. Have them located on the farther end of the route, if possible, and pay them well. As business increases add other labor-saving devices, so as to unload the milk promptly and have a clean bench that would otherwise sour.

In marketing butter, deal with commission men of good rating. If the creamery has a fine grade of butter, it will receive the best price to be obtained, but if your butter is over-

Select a pay day, then bend every effort to keep men to retail butter by the pound.

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At College.

Miss Edith Merrill, '04, was visited by her father last Wednesday. Mrs. Keladie entertained a few friends at whist Saturday evening.

FEBRUARY 8, 1898.

Mrs. Kedzie entertained a few friends at whist Saturday evening. Mrs. Kate Marvin Kedzie's recital, Friday evening. Mrs. Kedzie entertained the ladies Saturday evening.

J. H. Skinner; treasurer, C. F. Austin. The above named officers will enter upon their duties the first of next term.

Of the class in advanced machine design, Chas. Gower is designing an attachment for the milling machine to cut internal gears, and C. Spring and J. W. Merkel are each designing a one and one-half ton traveling crane for the foundry.

Instead of holding their regular programs last Saturday evening, the Olympic and Columbian societies united in a mock trial in the Columbian rooms. The prisoner was accused of the larceny of a dead turkey, but was pronounced "guilty by the twelve " good men and true " who composed the jury. The trial was conducted in a very creditable manner, and the examination of the witnesses afforded the spectators much amusement. The work of the deputy sheriff deserves especial commendation.

At the annual meeting of the State Dairy Association, at Ypsilanti, February first to third, the Hon. T. F. Marston was on the committee on nominations and was re-elected to the committee. Goodrich, one of the workers at farmers' institutes, represented the institute of the College work, and Professor Smith represented the Experiment Station. One entire session was given up to the addresses of Mr. Goodrich. In all the addresses made by members of the association the best of feeling was manifested toward the College, and its work was praised for its practical character. Naturally the special courses relating to the dairy came in for special praise.

John Knox was the subject of an interesting talk by Dr. Edwards Sunday morning in Chapel. The speaker stated his belief that Christianity is a condition in life rather than a theory. He found much that was unloving, uninviting, in the theology of both Knox and Calvin; also much that was commendable, such as strength of character, steadfastness of purpose, and unflinching devotion to his work, in the subject for his talk. This new plan of Sunday morning services is meeting with general favor at the College. Interesting Sunday morning talks are given, and they are well attended; and by means of the reduced rates to the city, large numbers of students—many more than used to attend Sunday afternoon services in Chapel—are induced to attend services in the city.

The Wandering Singer and His Songs.

One of the handiest College souvenirs ever published is the book of poems by Frank Hodgman, '92, of Climax, entitled "The Wandering Singer and His Songs and Other Poems." The book is bound in pebble-white cloth with blue and gilt trimmings, contains 153 pages, and is printed on excellent paper with full gilt edges. It is beautifully illustrated with half tones of Clore and other scenes and with sketches by Prof. W. S. Holdworth, '98, and E. N. Thayer, '93. In that volume are new songs and poems by several others, not only for the College student, but for the music lover at large. The book contains many more than used to attend Sunday afternoon services in Chapel—are induced to attend services in the city.

The Wandering Singer and His Songs.

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Sale prices in every department until Feb. 15. Students and members of faculty are cordially invited to attend this sale.

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News from Graduates and Students.

Prof. L. H. Bailey, '82, was in the city last week.

J. W. Tootey, '89, is at present acting director of the Arizona Experiment Station.

George L. Foote, with ’89, and four children mourn the death of wife and mother.

John A. Tripplett, with '00, is now looking forward to the time he can return to college.

W. R. Rumpler, '86, and R. W. McCulloch, '87, are patent attorneys at 82 McVicker's Theater Building, Chicago.

The annual reunion and banquet of the Chicago M. A. C. Association will be held at the Palmer House, February 26.

Miss Lu D. Baker, '00, who is studying at the Chicago Art Institute, has again been promoted, this December 23, as says The Spectrum.

R. W. McCullock, '87, is president of the Pension Department and has again been promoted, this December 23, as says The Spectrum.

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