

lows the greater curvature of the egg gradually assuming a superficial position at the top of the new position of the egg.

In none of these tests would it have been possible for the blastoderm to become adherent to the shell membrane.

These tests rather indicate that it is not necessary to turn eggs that are being saved for hatching.

Practical Tests on Hatchability

In these tests to determine what influence, if any, turning eggs while saving for sitting has upon hatchability 7 incubators, 7 operators and 800 eggs were used. The following tabulation is a summary of the results.

Date	No. Eggs	Turned while Saving	No. Inf. Eggs	No. Fertile	No. Hatched
9-15-'19	100	+	29	71	48
9-15-'19	100	+	53	47	20
9-15-'19	100	—	16	84	56
9-15-'19	100	—	35	65	44
9-20-'19	200	+	57	143	80
9-20-'19*	100	+	53	147	107
	100	—			

*In this case a two tray incubator was used. In one tray 100 eggs not turned while saving for hatching in which there was 19 dead embryos, and in the other tray containing 100 eggs turned while saving for incubating there were 23 dead germs.

Summary

From these tests it does not appear that turning eggs while saving for incubation is necessary. These eggs varied, in age, from one day to ten days old.

B. F. KAUPP,

North Carolina Experiment Station.

REPORT OF THE COMMITTEE IN INTERCOLLEGIATE STUDENTS JUDGING CONTESTS.

The Committee met at the Prince George Hotel in New York City on Saturday, November 8th, and after careful consideration made the following suggestions:

1. In order to have a definite basis on which to work in the planning of Contests of this kind, it is necessary to have a set of rules and regulations that will outline the general government of such Contests, therefore, the following tentative schedule is offered.

Tentative Rules and Regulations for the Government of an Annual Intercollegiate Students' Poultry Judging Contest

1. This contest shall be known as the Intercollegiate Students' Poultry Judging Contest.

2. This Contest shall be in charge of a Committee appointed by the President of the American Association of Instructors and Investigators in Poultry Husbandry.

3. It shall be held annually in connection with a well-known Poultry

Show, on such day of the show as shall be convenient to the Management of the Show and to the Committee in charge. The Committee shall have the power to select the Show at which the Contest shall be staged.

4. Each college entering this Contest shall be represented by a Judging Team composed of three members, who shall be regularly enrolled in collegiate classes in the Institution from which they come and which they represent.

5. The instructor in charge of each team shall be responsible for the credentials of that team.

6. Each team shall be on hand at the designated place at least by eight o'clock on the morning of the contest.

7. Each student on each team shall be required to judge the following classes of birds, placing all birds, and indicating all disqualifications found:

A. Standard Judging classes.

Barred Plymouth Rock Pullets
(Four birds in class)

White Wyandotte Hens
(Four birds in class)

Rhode Island Red Cockerels
(Four birds in class)

S. C. W. Leghorn Cocks
(Four birds in class)

B. Utility Judging Classes.

Barred Plymouth Rock Pullets
(Four birds in class)

Rhode Island Red Hens
(Four birds in class)

S. C. W. Leghorn Pullets
(Four birds in class)

White Wyandotte Hens
(Four birds in class)

8. The actual supervision of the Contest during the period of the judging shall be in the hands of a superintendent selected by the Committee in Charge.

9. Each student judge shall be required to write his placings on a form which shall be provided for that purpose, the same to be handed to the superintendent as soon as a class has been judged. The report must bear the class number, placings, disqualified birds, with brief reasons, and the student judges name.

10. Twenty minutes shall be allowed for the judging of each class.

11. The birds in the classes to be judged shall be brought to the show for this particular purpose, and arrangements made for the same by the Committee in Charge. They shall be shipped so as to reach the Show at least one full day, and preferably two, before the opening of the Judging Contest. They shall be cooped in a separate room, if possible, and in single tiers of coops, arranged so as to obtain the best light possible and in most convenient manner to facilitate handling.

12. The birds in the Standard classes

shall be judged by a Committee appointed by the Committee in Charge, and their placings shall be the standard by which the grades of the student judges shall be marked. The actual trap-nest records of the birds in the Utility classes shall be used.

13. The ratings for the various student judges shall be made by deducting twenty-five points for any disqualified bird not found, or for any bird disqualified wrongly, and ten points for each place removed from the standard placing. This would give a rating of 100 for perfect placing of all five birds. A separate grade shall be given for each class judged and the final grade or rating of the student judge shall be the sum total of his ratings on classes judged. The rating of the judging team shall be the sum total of the three members of the team.

14. In case of a tie in scores the decision shall be given to the team or individual placing the greatest number of first awards, correctly; if the tie still persists to the greatest number of second places, etc.

15. The winning team shall be awarded the Silver Trophy, to be held by the College they represent for the ensuing year, and to become the permanent property of the College winning it for the third time.

16. The student judge having the highest individual rating shall be awarded a medal.

17. No Standards of Perfection or other references shall be used during the Contest.

2. Because of the rapidly increasing interest in the judging of birds from the standpoint of their capacity for egg production, it has seemed wise to the Committee to include this feature in the Contest. In order not to make the Contest too long or burdensome, the schedule outlined in paragraph 7 of the Rules and Regulations is suggested. It is felt by the Committee, that if the College students participating in this Contest are trained along the lines outlined for this Contest, that they will be good poultrymen. A thorough poultry student, should undoubtedly, have a very clear and full understanding of standard bred poultry, and a keen appreciation of the same. But he should also have a clear working knowledge of the branch of poultry breeding which comes into play on our egg farms.

3. Several invitations were in the hands of the Committee requesting that this Contest be held at several different poultry shows this winter. After very carefully considering these invitations, and the possibility of holding the Con-

test at the various shows from the standpoint of time, distance, and other controlling factors, it seemed wise to accept the invitation of the New Jersey State Poultry Association. Therefore, the Intercollegiate Student Poultry Judging Contest this winter will be held in connection with the State Show in New Jersey. This takes place during the week of January 12th, 1920 in the Armory at Trenton, N. J. The date of the contest will be Wednesday, January 14th. Arrangements are being made with the management of the Trenton Show to stage the contest as a distinct feature of the show, and it is assured that every accommodation will be given to the Contest.

4. It is hoped that a good number of judging teams will be able to enter this competition. It is only when there is keen competition and rivalry that anything of real interest and value can be obtained from participation in such a contest. The Committee will appreciate early information as to the probable lineup of teams which will compete in the Contest. Any Institution desiring to enter this Contest should get in touch at once with Dr. O. B. Kent of Cornell University, Ithaca, N. Y., who is Chairman of this Committee.

5. In explanation of paragraphs 15 and 16 the Committee desired to state that it is their plan to have a real worth-while trophy in readiness for the winning individuals and winning teams.

6. It is suggested that everyone interested in the matter of furthering the Intercollegiate Students Poultry Judging Contest idea, give particular care to the reading of the tentative rules and regulations, included in this report. Kindly send any suggestions for changes or improvements to the Chairman of the Committee.

7. Our Country is so large, and the number of Institutions now interested in teaching poultry husbandry so numerous, that it might be entirely possible for sectional contests to be held, winners of these contests, to compete in a National Contest later in the College year. The Committee would gladly entertain suggestions as to the possibility of working up the Contest idea along these lines. They believe sincerely that every Institution having a poultry judging class should be able to compete in friendly rivalry of this kind.

(Signed) Dr. O. B. Kent,
Chairman, Cornell Univ.
Prof. W. C. Thompson,
Univ. of New Jersey.
Prof. L. F. Payne,
Mass. Agr. College.
Committee.