

CLUB SHORT COURSE NOW IN SESSION.

With an expected attendance of between 800 and 1,000 farm boys and girls, the annual State 4-H club short course held at State College during the week of July 30 to August 4 will likely be one of the principal farm events in North Carolina this year. "Our four-H clubs are better organized in all parts of North Carolina than ever before," says L. R. Harrill, club agent. "The program for our annual State encampment has been in the course of preparation for some weeks and we have a balanced meeting in which play and recreation will take an important place along with the courses of instruction. For the boys we shall start the day with a swim at 6:30 o'clock each morning. Then after breakfast, the young men will go to their classes in poultry, livestock, farm shops and field crops. Games, sightseeing, rest and recreation will be the program for the afternoons."

Miss Maude E. Wallace, in charge of the girls' club work, has arranged courses in food and health, clothing, room improvement, recreation, poultry and culture. House mothers who will have charge of the girls during the week are Misses Mattie Lee Cooley, Ethel Nice and Daisy Caldwell and Mrs. Sabrie Williams Reid. Several of the home agents have been selected to aid in the teaching work also. Miss Ella Gardner, of Washington, D. C., will have the courses in recreation for the girls and Miss Fannie Buchanan, of a leading talking machine company, will teach music appreciation.

The young folks will need little spending money during the week. The actual cost of the camp is \$7.50 per person, this to include all charges for room and board, laboratory fees and other incidentals. The young people will be divided into groups with competent leaders in charge and some responsible person will be on duty with them each minute of their stay.

COCCIDIOSIS.

The following questionnaire on coccidian diarrhea should be of a helpful nature to all interested in poultry and especially to members of poultry clubs. In studying same they should be able to know definitely some of the effects and causes and how to identify the disease.

Question: What is coccidian diarrhea?

Answer: A disease of chicks affecting mostly the intestinal tract. It is also found in mature domesticated fowls and in some wild birds. It is caused by a germ commonly known as coccidium avium and is classed in the animal kingdom.

Question: At what age are chicks affected?

Answer: It is found in chicks more frequently between the ages of two weeks and three months.

Question: What are the sources of infection?

Answer: The droppings of affected chicks containing the germs contaminate the runs or lots, brooder houses, utensils used for feeding and drinking.

Question: Do climatic conditions or seasons have any bearing on this disease?

Answer: In the summer months the disease is more prevalent as a rule. Early hatched chicks seem to be less affected. In a dry spring or summer there is less trouble from same.

Question: Does moisture have much influence in growth of germs causing the disease?

Answer: Dryness and sunshine prevent the life of this germ outside the body of the chick. Moisture is most favorable to its growth.

Question: What are the symptoms of the disease in chicks?

Answer: They vary according to the severity of the infection and the age of the chicks. In very young chicks the disease develops very rapidly once it has a foothold. Generally there is intestinal disorder such as diarrhea which will vary in consistency from a semi-fluid to a liquid. Color will vary from a grayish with a little brown mixed with it in the early stages to a dark brown streaked with blood or even passing a lot of blood in very acute stages. Feathers become ruffled with drooping wings, loss of appetite and chicks stand around sleeping most of the time.

Question: What are the post-mortem findings?

Answer: When chicks that die from the acute form of coccidiosis are

opened up you will find that the contents of the blind guts contain blood. In the less acute cases the contents are of a brownish color. In the chronic cases you will sometimes find a solid rotten mass and when this is taken out the gut will adhere to it. Chicks that die in the acute stages are usually in fair flesh, while those in a chronic stage show a wasting away.

Question: How may coccidiosis be prevented?

Answer: The brooder houses should be kept thoroughly clean and droppings removed each morning. Disinfecting same at regular intervals using 4 per cent solution of some good disinfectant is necessary. Boiling hot strong soap suds will do very well. The day this is done it should be warm that chicks may be shut out of brooder house most of the day. The feeding and drinking vessels should be disinfected regularly and so made that chicks cannot soil either feed or water. Chicks that show symptoms, do not look good, are pasted up behind, should be immediately removed from the brood. There are in most every lot of chicks a few weaklings and it is best to take the bull by the horns, kill and burn these as soon as noticed. A stitch in time saves nine so we are told and know it to be a fact. If possible use new ground for chicks, build brooder houses on skids that same can be moved every now and then by the use of the farm team and this is possible on our farms. Keep the brooder warm, but do not try to heat the whole house. The brooder is nothing more or less than a hen under which any chick can go at any time to be warmed up a little. Fresh air with no drafts is necessary and the chicks should be allowed outdoors as much as the weather will permit.

Question: Is feeding important in controlling the disease?

Answer: Yes, most important. The chicks should not be fed until they are 48 to 60 hours old. The feeding of sour milk or buttermilk has proved to be one of the best. Give all they will drink. Cod liver oil assists in building up a strong system. If you do not have milk one can buy semi-solid or dried buttermilk. In flocks that are infected it is best to take away all grain food as they have a tendency to irritate the intestinal tract. Feed up to 40 per cent dried milk in the mash or give all they will drink, and moisten the dry mash with same. This and sanitation, new soil, etc., will check the disease with few losses in most instances. Do not crowd too many chicks under one brooder, prefer never to have over 300 in any one flock in any one brooder house.

Question: Are drugs of any value in preventing or treating the disease?

Answer: Yes, but drugs will not do it all, nor will they be better than the above methods. Catechu has proven fairly effective using it in the drinking water at the rate of one-third teaspoonful to the gallon. Sulphophenols are valuable intestinal antiseptics and can be used in the water or milk. A light dose of Epsom salts every two weeks when the disease is present will be found effective. Sour milk and a plenty of it stands out as the one best thing to grow good chicks and do it in a very short time and at the same time control coccidiosis and other minor digestive troubles in chicks.

Vass and Community.

Mrs. J. S. Bundy, of Raleigh, is visiting her daughter, Mrs. A. G. Edwards.

Mrs. R. L. Oldham and daughters, Misses Lillian and Eva, spent the week end in Goldston.

Mr. and Mrs. Carter, of Jackson Springs, called on Mr. and Mrs. Joe Thomas Sunday.

Miss McCraney, of St. Paul, is the guest of Mrs. Duncan McGill.

Barney Jessup, who has been in a Charlotte hospital for some time, has returned to his home here.

W. I. Brooks, of Jonesboro, was in town Tuesday.

Mr. and Mrs. D. C. McGill and Billy McGill spent Sunday in Wadesboro.

Messrs. Albert and Gerald Graham and Miss Willie Pearl Alexander accompanied Miss Katherine Graham to Wake Forest Sunday.

Henry Porter, of Camden, N. J., is visiting his aunt, Mrs. T. F. Cameron.

J. R. Thomas and Gene Patterson, of Winston-Salem, were visitors in

town Saturday.

Rev. and Mrs. Dougald McLaughlin and son, John, of Norfolk, Va., are the guests of Mr. and Mrs. Dan McLaughlin.

G. W. Griffin is on the sick list.

Mrs. Mamie Dixon, of Raleigh, spent a few days with Mrs. J. M. Tyson.

Mrs. Chappell is visiting relatives in Raeford.

Richard Griffin, of Hamlet, spent Sunday at home.

Mrs. T. R. Moffitt and Mrs. Isenhour, of Sanford, were callers at the home of Mrs. W. J. Cameron Friday afternoon.

Mrs. Carl Cashion and little daughter, Dorothy, of Cornelius, are spending a few days in town with relatives and friends.

Mrs. Ida Patterson, Mr. and Mrs. Peter Grosclouse and Virginia and Joseph Dale, of Winston-Salem, spent Saturday night and Sunday with Mrs. Patterson's sister, Mrs. A. J. Keith, of the Crane's Creek community. Mrs. J. R. Thomas, who had been visiting relatives here for some time, accom-

panied them to Winston-Salem Sunday afternoon. Mrs. Thomas is considering locating in Winston-Salem. Mr. and Mrs. Will Keith and family, Mr. and Mrs. Floyd Keith and Mr. and Mrs. Tom Keith, of Ft. Bragg, were dinner guests of Mrs. A. J. Keith Sunday.

Miss Jessie Brooks left Wednesday for Durham where she will visit Miss Inez Holloway.

Willie Horton Keith was at home for the week end.

Miss Annie Lee Thomas, of Cameron, spent Wednesday with Miss Willie Pearl Alexander.

Mrs. J. J. Irvin and Mrs. Graham and baby, of Cameron, visited Mrs. W. D. Matthews Tuesday.

Mr. and Mrs. Abernethy, of Durham, were dinner guests of Mr. and Mrs. T. K. Gunter Saturday.

Evelyn Vaughn, of Watts Hospital, Durham, is the guest of Miss Vivian Matthews.

Mr. and Mrs. Dan McLaughlin spent Sunday in Raeford.

Disease and insect pests have been more prevalent in the tobacco fields of Eastern Carolina this season than ever before.

Farmers of Chowan county will ship 20 cars of fat hogs co-operatively this fall.

POLICE PUPPIES FOR SALE

Will Be Ready To Deliver In About Two Weeks

COME GET YOUR PICK NOW

Dan S. Ray, Vass, N. C.

New Shipment of Ladies Pumps Are Here

Both straps and plain pumps, military and spike heels. Priced from \$2.95 to \$6.00.

New printed Organdies and Flaxons, 35 and 50 cents per yard.

Plaza and Pongee Prints. Absolutely fast colors, 25 cents.

Specials---

Kotex—39 cents cash.

New Fall Hats expected before Saturday.

16-9-28

Smart Fabrics for Grown-ups and Children

For the ladies' frock sketched here we suggest plain silk crepe in one of the smart new shades. Size 36 requires 3 3/4 yards of 39-inch crepe and 3/4 yard for collar.

EXCELLA PATTERN E 2810
Made-at-home cost approximately

For the child's dress we suggest a dainty cotton, fast color print. Size 4 requires 1 1/4 yard of 36-inch material at per yard.

EXCELLA PATTERN E 2798
Made-at-home cost approximately

E 2810 25¢ E 2798 25¢



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He that h what the churches.

"To him give to eat is in the m God."—Rev.

Last week Church.—"T week we wi may be men ganizations— what the spi to praise the what the sp I want to a join me in praise for s spiritual ble speak to us So fear hav His voice. I on every si impossible t the spirit at

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A SUC