

FARMERS' INSTITUTES.

Schedule of Institute Parties Now Covering the Central and Western Parts of the State.

PARTY No. 1.

- July 22—Littleton.
July 23—Warrenton.
July 24—Floyd's School House.
July 25—Stovall.
July 26—Creedmoor.
July 27—Epsom.
July 29—Louisburg.
July 30—Franklinton.
July 31—Apex.
August 1—Pittsboro.
August 2—Lee Court House.
August 3—Cameron.
August 5—Aberdeen.
August 6—Hoffman.
August 7—Rockingham.
August 8—Morven.
August 9—Polkton.
August 10—Monroe.
August 12—Waxhaw.
August 13—Matthews.
August 14—Iron Station.
August 15—Lincolnton.
August 16—Cherryville.
August 17—Shelby.
August 19—Ellenboro.
August 20—Union Mills.
August 21—Marion.
August 22—Glen Alpine.
August 23—Connelly Springs.
August 24—Dr. Foard's Store.

PARTY No. 2.

- July 19—Goldston.
July 20—Siler City.
July 22—Liberty.
July 23—Carthage.
July 24—Rae ford.
July 25—Eagle Springs.
July 26—Star.
July 27—Troy.
July 29—Mt. Gilead.
July 30—Norwood.
July 31—Albemarle.
August 1—Richfield.
August 2—Rockwell.
August 3—China Grove.
August 5—Concord.
August 6—Mt. Pleasant.
August 7—Harrisburg.
August 8—Mt. Ulla.
August 9—Morresville.
August 10—Huntersville.
August 12—Pineville.
August 13—Dixie.
August 14—Gastonia.
August 15—Casar.
August 16—Reepsville.
August 17—Lowesville.
August 19—Holly Grove.
August 20—Denton.
August 21—Farmer.
August 22—Asheboro.
August 23—Randleman.

PARTY No. 3.

- July 18—Bilboa.
July 19—Roxboro.
July 20—Leasburg.
July 22—Ruffin.
July 23—Bethany.
July 24—Dan Valley School House.
July 25—Danbury.
July 26—Walnut Cove.
July 27—Franklin School House.
July 29—Pilot Mountain.
July 30—Westfield.
July 31—Tobaccoville.
August 1—Trap Hill.
August 2—Wilkesboro.
August 3—Boonville.
August 5—Elkin.
August 6—Winston-Salem.
August 7—Summersfield.
August 8—Pleasant Garden.
August 9—McLeansburg.
August 10—Jamestown.
August 12—Kennedy's School House.
August 13—Wallburg.
August 14—Arcadia.
August 15—Clemmons.
August 16—Kernersville.
August 17—Elon College.
August 19—Friendship.
August 20—Mebane.
August 21—Hillsboro.

PARTY No. 4.

- July 18—Old Fort.
July 19—Swannanoa.
July 20—Weaverville.
July 22—Mars Hill.
July 23—Marshall.
July 24—Dana.
July 25—Columbus.
July 26—Horse Shoe.
July 27—Selma.
July 29—Penrose.
July 30—Candler.
July 31—Bethel.
August 1—Rock Hill School House.
August 2—Murphy.
August 3—Brasstown.
August 5—Hayesville.
August 6—Bryson City.
August 7—Cullowhee.
August 8—Higdonville.
August 9—Franklin.
August 10—Otto.
August 12—Mocksville.
August 13—Woodleaf.
August 14—Statesville.
August 15—Eupeptic Springs.
August 16—Taylorsville.
August 17—Newton.
August 19—Sherrill's Ford.
August 20—Denver.

NORTH CAROLINA AGRICULTURAL TRAIN.

As previously published in these columns, the Atlantic Coast Line will operate an Agricultural Train over its lines in North Carolina this summer, under the direction of the Agricultural and Mechanical College, West Raleigh, N. C., and the United States Agricultural Department.

ed at each stop made by this train, viz., Live Stock, Drainage, and Improved Farm Implements.

This is a day of progress and the country that is content with the old methods will have to take a back seat. People in other walks of life have realized that they must apply the latest methods or fall. There is as much, or more, room for improved methods on the farms as in other lines of business, and we are sure that our farmers will take advantage of every opportunity that is offered them.

The itinerary of this train will be as follows:

Monday, July 22.
Arrive Smithfield 6:00 p. m.

Tuesday, July 23.
Leave Smithfield 11:30 a. m.
Arrive Elm City 1:00 p. m.
Leave Elm City 4:30 p. m.

Wednesday, July 24.
Arrive Nashville 9:00 a. m.
Leave Nashville 11:30 a. m.
Arrive Whitakers 1:00 p. m.
Leave Whitakers 4:30 p. m.
Arrive Scotland Neck 6:00 p. m.

Thursday, July 25.
Leave Scotland Neck 11:30 a. m.
Arrive Aulander 1:00 p. m.

Friday, July 26.
Leave Aulander 8:00 a. m.
Arrive Gates 9:00 a. m.
Leave Gates 11:30 a. m.
Arrive Williamston 2:30 p. m.

Saturday, July 27.
Leave Williamston 7:30 a. m.
Arrive Pactolus 9:00 a. m.
Leave Pactolus 11:30 a. m.
Arrive Aurora 1:30 p. m.
Leave Aurora 4:30 p. m.

Monday, July 29.
Arrive Ayden 9:00 a. m.
Leave Ayden 11:30 a. m.
Arrive Kinston 12:30 p. m.
Leave Kinston 4:30 p. m.
Arrive Goldsboro 9:30 p. m.

Tuesday, July 30.
Leave Goldsboro 11:30 a. m.
Arrive Mount Olive 11:59 a. m.

Wednesday, July 31.
Leave Mount Olive 8:30 a. m.
Arrive Warsaw 9:05 a. m.
Leave Warsaw 11:30 a. m.
Arrive Clinton 12:05 p. m.
Leave Clinton 4:30 p. m.
Arrive Burgaw 6:30 p. m.

Thursday, August 1.
Leave Burgaw 1:00 p. m.
Arrive Castle Hayne 1:30 p. m.
Leave Castle Hayne 4:30 p. m.
Arrive Jacksonville 7:30 p. m.

Friday, August 2.
Leave Jacksonville 11:30 a. m.
Arrive Pollocksville 12:30 p. m.
Leave Pollocksville 4:30 p. m.

Monday, August 5.
Arrive Chadburn 8:10 a. m.
Leave Chadburn 11:30 a. m.
Arrive Fairmont 12:30 p. m.
Leave Fairmont 4:30 p. m.

Tuesday, August 6.
Arrive Parkton 8:30 a. m.
Leave Parkton 11:30 a. m.
Arrive Laurinburg 1:00 p. m.
Leave Laurinburg 4:30 p. m.

Wednesday, August 7.
Arrive Steadman 9:00 a. m.
Leave Steadman 11:30 a. m.
Arrive Manchester 12:30 p. m.
Leave Manchester 4:30 p. m.
Arrive Jonesboro 5:15 p. m.

Thursday, August 8.
Leave Jonesboro 11:30 a. m.
At the Morning Stops the Lectures and Demonstrations will begin promptly at 9:30 a. m. At the Afternoon Stops they will begin at 2:30 p. m.

For more detailed information about this train and any further particulars address,

W. J. CRAIG,
Passenger Traffic Manager,
Wilmington, N. C.
E. N. CLARK,
Agricultural and Immigration Agent,
Atlantic Coast Line,
Wilmington, N. C.

I. O. SCHAUB,
Special Agent in Extension, A. & M.
College and U. S. Agricultural,
Department, West Raleigh, N. C.

Jimmy bit his pencil, and looked at the ceiling. It was less wearying than trying to write an essay on Henry VIII. But suddenly the sharp voice of the teacher broke in upon his reverie. "Two minutes more!" he rapped out. Jimmy had to write something. So he set to work, and evoked the following: "Henry VIII. was King of England, and the greatest widower that never was. He was born at a place called Annie Domino, and he had three hundred and fifty wives. The first was beheaded, and then executed; the second was revoked, and the third died, and then he married Ann Buletin. Henry VIII. was succeeded in the throne by his grandmother, Mary Queen of Scots, sometimes called the Lady of the Lake or the Lay of the Last Minstrel. He was buried in Westminster Abbey by the Archbishop of York."

INCREASING THE TOMATO YIELD

The Department of Agriculture has just received a report from the New York Agricultural Experiment Station of tests made to determine the influence of crossing in increasing the yield of the tomato.

The infusion of new blood obtained by crossing somewhat closely related varieties, says the report, has been found, in many plants, to increase the vigor and yield of fruits to a very marked degree. Among the common commercial crops, corn, bean, and tomato, have been proven experimentally to be greatly benefited by such crossing. With this idea in view the experiments were begun as far back as 1907 in order to determine whether crossing increased the yield of tomatoes, and if so, how much? For this purpose the Livingston Stone and the Dwarf Aristocrat varieties were selected. Their fruit is identical in color and quite similar in shape, but the vines, however, are very distinct in stature, one being a standard and the other a dwarf. A third variety, Hedrick, a strain of the Livingston Stone, which originated at the Michigan Agricultural College, was also used in the experiment. This experiment was highly satisfactory. The Dwarf Aristocrat x Livingston Stone averaged 4.438 pounds more fruit per plant than the Livingston Stone and 10.558 pounds more fruit than its maternal parent, or in other words, if the plants had been set four feet by four feet, or 2,722 to the acre, six tons more fruit would have been obtained from this cross than from the Livingston Stone and over 14 tons more of fruit than from Dwarf Aristocrat. If the cross had been made between two standards, instead of a dwarf and a standard, the yield might have been greater but perhaps not, as the vines of the first generation were of standard size.

NOBODY WON THE PRIZE.

The walking craze a few years ago gave a well-known sporting man an opportunity which he could not resist taking advantage of. He had hand-bills widely distributed on which was stated:

"A Great Crosby gentleman will give \$50 to the man, woman or child who first succeeds in doing the following task: To walk from the Pier-

head (Liverpool) to Crosby village. There each competitor must buy a meat pie and walk around the 'Big Stone' and eat it."

About a hundred entries were received and the walk took place on Whit Monday. Much excitement prevailed, and a great cheer rose as a local pedestrian was seen leading the rest of the crowd. His meat pie was soon eaten as he walked round the stone and he went to the judge for the \$50.

"Why," exclaimed the judge, "I didn't think you could have done it. The stone seemed too hard to eat."

"What's that got to do with it?" asked the ped.

"Everything to do with it," answered the judge, "and nobody gets the \$50 till they do."—London Tit-Bits.

WEEK END AND SUNDAY EXCURSION FARES TO NORFOLK AND VIRGINIA BEACH VIA NORFOLK SOUTHERN RAILROAD.

Table with columns: Bound Trip to Norfolk, From, Week End, Sunday. Rows include Raleigh, Zebulon, Wendell, Middlesex, Bailey, Wilson, Farmville, Greenville, Washington.

Rates to Virginia Beach 25 cents higher than fares to Norfolk.

Week-end ticket sold for Friday night and Saturday morning trains good to return leaving Norfolk Monday following date of sale; Sunday tickets sold for trains Nos. 6 and 16 Saturday night good to return on train No. 5 leaving Norfolk at 9:00 p. m. Sunday following date of sale.

For particulars, ask any ticket agent.
W. W. CROXTON,
General Passenger Agent.
Norfolk, Va., June 28, 1912.

WEEK END AND SUNDAY EXCURSION FARES TO BEAUFORT AND MOREHEAD BY THE SEA.

Table with columns: Round Trip to Morehead City, From, Week End, Sunday. Rows include Goldsboro, LaGrange, Kinston, Dover, New Bern, Oriental, Bayboro, Vanceboro, Washington.

Rates to Beaufort 20 cents higher than fares to Morehead City.

Week End Tickets sold on all trains Friday and Saturday and Sunday morning good to return until Tuesday following date of sale.

Sunday tickets sold each Sunday, good to return on date of sale only.
For particulars ask any ticket agent.
W. W. CROXTON,
General Passenger Agent.
Norfolk, Va., June 28, 1912.

Advertisement for THREE-YEAR SUBSCRIPTIONS ORDER FOR SOUTHERN RURALIST THE BIGGEST AND BEST AGRICULTURAL PAPER IN THE SOUTH SEND NO MONEY. Includes form for Name, Postoffice, Date, and 1912 R. F. D. No., State.