

WATER REDUCES BACTERIA COUNT

Investigators Show How the Moisture in Paris Subway Cut Down Germs.

MOISTURE decreases the number of bacteria in the air enormously. French scientists counting microbes in the air before and after a rainstorm in Paris have found wide variations in the totals.

In a cable meter of air gathered up near the Place Clichy Messrs. A. Sartory and Marc Lauglats found 3,800 germs on a wet day at 5 p. m. and 16,000 at the same time on a dry day.

Similarly in the Paris subway after the tracks had been sprinkled thoroughly only 410 bacteria were found to the cubic meter while two hours later, when the tracks were dry, the investigators discovered 68,000.

Taking advantage of such findings, officials of many communities are advocating more generous sprinkling and in many instances have applied calcium chloride to road surfaces to lay the dust. That chemical, which in itself has high germicidal value, absorbs moisture as well as killing germs.

Good Road Facts

Henceforth, civilization can be no better than its highways.

More than \$1,000,000,000 was spent in improving highways of the United States last year.

Good roads are a fine thing, but it is well to remember that they lead away from the farm as well as to it.

All roads leading to the four gateways of Yellowstone National park are reported to be in excellent condition.

The national parks, seven in the United States and three in Canada, are now linked together by improved highways.

The defense highway, shortening the distance between Washington and Annapolis, Md., by eight miles, will be completed this year.

Twenty times around the world! Such, at any rate, is the distance American motorists could travel on their 500,000 miles of surfaced roads.

The Arizona highway department has taken consideration of the pedestrian on the roadway and has made official recommendation that he walk on the left side.

Minnesota has 100,000 miles of public roads of which 7,000 are trunk highways treated by special patrol maintenance, on which there has been expended during the past five years \$33,000,000 annually. This state is a large user of calcium chloride for dust-laying and highway maintenance.

Radical Changes for Farmers to Make.

To the Editors and Bankers of South Carolina:

Now that the farmer is beginning to interpret the handwriting on the wall, also to realize the penalties that will necessarily follow if he continues in the old rut, he can clearly see that at least 6 radical changes are imperative, as follows:

1. Economic soil building.
2. Variety standardization.
3. Community cooperation.
4. Better cultural methods and more judicious use of commercial fertilizers.
5. Making mass selections for planting seed.
6. Maintaining higher standards of purity of the planting seed by preventing gin mixing.

These problems entail large preventable losses. They are primarily the problems that are directly up to the individual farmer and his community, more particularly under prevailing conditions, when more good seed are being used than ever before.

The customary methods of ginning have contributed perhaps more to the rapid degeneracy of planting seeds than any other one unit factor.

While our farmers have been producing a "drug on the market" our manufacturers have been forced to buy their cotton elsewhere to secure a grade and staple that could just as well have been grown in South Carolina.

The ginner's profit lies in the volume of bales he can turn out, not purity of the seeds, which latter is directly up to the farmer, to see he has ways and means provided by which he can have his cotton seeds returned 100 per cent pure.

Under direction of The Agronomy Division of Clemson College, a State Wide Campaign is now in progress to materially aid the farmer in helping himself by insisting on methods of preventing gin mixing of planting seed, a subject in which every individual cotton producer and community should be vitally interested.

JAS. L. CARBERY,
Ext. Agronomist.
Spartanburg, June 1, 1928.

OUR WANT ADS BRING RESULTS

Kershaw High School Graduates

The Kershaw High school issued certificates of graduation to the following pupils last week:

Cecil Barfield,
Frank Lowry Belk,
Minnie Bell Bowers,
Iva Lee Carson,
Beulah Marjory Catoe,
Ferris E. Catoe,
Edna Mary Clyburn,
Anna Mae Coats,
Jean Reynolds Culvern,
Frank L. Elder,
Juanita Alma Faile,
Frohn Ferguson,
Mary Elsie Gardner,
Fredda Elizabeth Gay,
Mary Abigail Gregory,
Mary Alyce Hilton,
Virgie Mae Holden,
Wilbur Horton,
Nita Annebell Jones,
Jaqueline Kirkley,
James Thomas Mothershed,
William David McDowell,
Rosalie McGuirt,
Benjamin Andrew Neal,
Mary Ruth Pace,
Annie May Roberts,
Margaret Elizabeth Seawell,
William Ariel Shaw, Jr.,
Jessie Robert Truesdale,
Mary Marie Truesdale,
Mary Ruth Truesdale,
Hattie Welsh

Jersey Consignment Sale, At Greenville on June 14

Greenville, June 2.—The annual consignment sale of Jersey cows and heifers by the members of the South Carolina Jersey Breeders Association will be held in Greenville at the Camp Sevier site, on Thursday, June 14, when forty choice animals belonging to breeders over the state will be offered for sale.

These animals, says W. F. Howell, of Lancaster, secretary of the Jersey Association, were selected by a very discriminating sales committee which was very careful to select only the very best individuals of approved breeding, and the cattle offered are therefore very high class in every respect, being in many cases the best animals in the herds from which they were selected, and all of them are from blood lines that are in popular demand today. This sale is being prompted by the Jersey breeders to encourage the dairy industry in general and the breeding of Jerseys in particular, and the Jersey cows and heifers that are offered are animals that could not be bought privately from the owners.

Greenville, through its Chamber of Commerce and W. R. Gray, county farm agent, are making elaborate plans for the sale. The visiting Jersey breeders will be given a banquet on Wednesday night before the sale.

The officers of the State Jersey Breeders Association are: president, Dr. E. F. Bell, Spartanburg; vice-president, H. T. Warner, Greenwood; secretary, W. F. Howell, Lancaster.

Those desiring catalogues of the sale should write to the president or the secretary.

Sweet Potato Demand Good

Clemson College, May 26.—Without any sweet potatoes available for at least a month, there has arisen the greatest demand for them known for many a day, writes T. B. Young, general manager of the Carolina Cooperatives Consolidated.

"The reason for this," Mr. Young explains, "is that the demand, which was normal through the early part of the season, consumed every potato that we could get and although we are searching North and South Carolina and Virginia we have nothing to offer the hungry trade. Of course the cool weather and the short supply of green vegetables accounts for some of the demand for potatoes, but the facts are that for the past three or four years we have never had enough potatoes to last us through the season. Even much uncured stock from banks has found ready sale this spring."

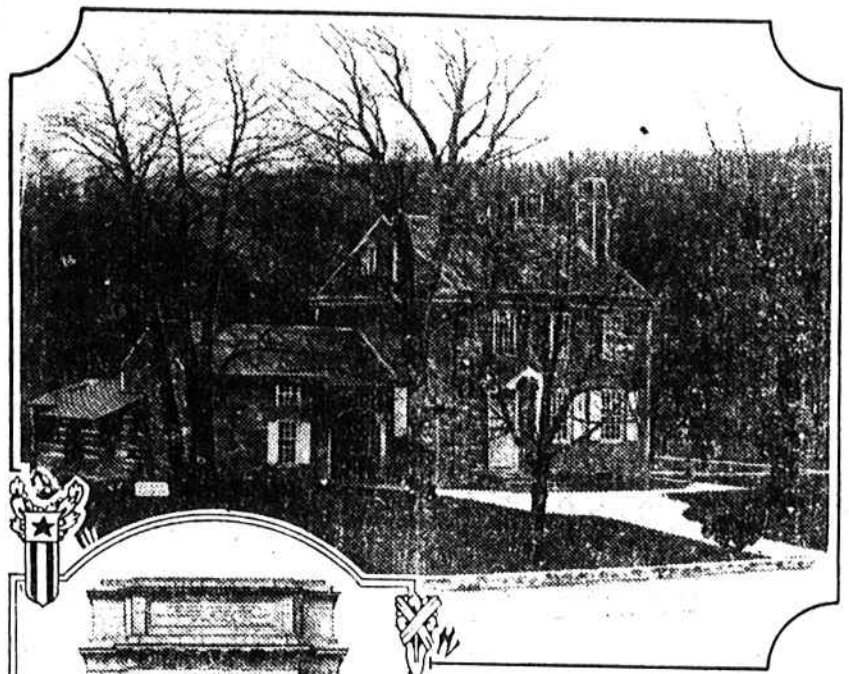
Regarding prices Mr. Young states that their sales of the 1926 crop brought an average of \$1.15 per bushel package for cured No. 1 stock and that the 1927 crop, the business of which is now being closed up, will probably be a little better than that. He gives the following price averages received per package per year: 99 cents in 1922; \$1.85 in 1923; \$2.07 in 1924; \$2.15 in 1925; \$1.15 in 1926.

As to future prospects Mr. Young says that he sees no reason why under present conditions sweet potato growing properly handled should not prove profitable. But Mr. Young and the Extension Service of Clemson College lay stress on moderate acreage per farm, proper cultural methods to produce the maximum of No. 1 tubers, and most of all proper handling of the marketable potatoes in curing houses.

FOR SALE—House and lot on Fair street, formerly owned by John Hinson. Price reasonable. For terms etc., see BURNEY HINSON.

VALLEY FORGE PLANS TWO MEMORIALS TO HONOR HEROIC SOLDIERS OF 1778

Library and Non-Denominational Church Will Rise on Broad Acres Near Philadelphia—Celebration Arranged for June to Mark 150th Year.



Washington's Headquarters and Memorial Arch at Valley Forge. The Walk Approaching the Arch Has Been Chemically Treated.

VALLEY FORGE, scene of the Continental Army's martyrdom and heroism in the depressing days of 1777 and 1778, will furnish the background for a great national observance of the 150th anniversary.

Imposing memorials are planned for the big cantonment outside of Philadelphia, chiefly a Washington Memorial Library and a Washington Memorial Church, non-denominational.

While the details for the celebration have not yet been announced, it is believed that they will be most comprehensive and picturesque, including participation first of all by the thirteen original states and then by all forty-eight states.

The Washington memorials will rise on the site of the Zulch mansion, destroyed last spring by fire. The Rev. W. Herbert Burk, founder and rector of the Washington Memorial Chapel, has received assurances of gifts that will make the memorials possible.

His congregation has bought a site covering 15 acres for the buildings and an unidentified donor has promised funds for the Library, the cornerstone

for which will be laid June 19, 1928 as the closing feature of the Sesqui-Centennial observance.

History only will have a place on the library shelves. Each state will be represented by works dealing with the history of that state and the library will have, therefore, 48 alcoves.

Valley Forge continues to be the center of interest of thousands and thousands of visitors from every section of the country, as well as from abroad.

Railroads and automobile bus companies regularly run excursions to the famous old shrine of patriotism and on Sundays and holidays even the broad acres of Valley Forge are taxed for space by the huge throngs. In addition many visitors travel by private motor cars over the excellent roads, kept in splendid condition by the Commonwealth of Pennsylvania.

All roads to Valley Forge run through a landscape of remarkable beauty, artists agree, and these roads are treated, as necessarily arises, with chemicals, especially calcium chloride, to lay the dust.

Only 32 miles from Philadelphia, the shrine has long been one of the favorite objectives for daily excursions for Philadelphians, as well as for visitors to that city who have combined the Valley Forge trip with a tour of other places of historic interest, such as Independence Hall, the Betsy Ross House and other relics of the Revolution.

That interest is expected to be stimulated by the forthcoming celebration

Should Spray Fruit Trees

L. W. Johnson, York county farm agent, says: Indications point to a big crop this season and everyone should try to spray their fruit at least once or twice to make it sound and free from insects and fungous diseases. Just at this time a spray of Dri-Tonic Lime Sulphur would be a great benefit to the peaches. This is a powdered form of lime-sulphur which merely has to be dissolved and applied at the rate of two pounds to fifty gallons of water for peaches. Friedheim Bros. have this in stock, which is economical and effective in preventing brown rot on peaches. Peaches that are wormy will drop off soon and should be picked up and destroyed until the dropping off ceases, or in large orchards where this is not practical either plow under or otherwise destroy. If they are left on the ground, the worm in the peach will develop another cocoon and there will be a second crop of worms in the mature peach which is the most objectionable generation of worms. The Dri-Tonic spray is not difficult to handle and since it only has to be dissolved, anyone can use it.—The Kershaw Era.

MATTRESSES RENOVATED

I will make regular trips to Camden for the purpose of renovating mattresses about every two weeks. I make standard mattresses and will renovate your old mattresses at reasonable prices. All of my work is absolutely guaranteed. Orders may be left at The Messenger office and I will call at your home and get the mattress and then deliver the same to you in first class condition.

W. L. RUSHING,
Unionville, N. C.

Hens Say It With Eggs.

Clemson College, May 26.—An average income over feed cost of \$45.95 per flock is reported to the poultry division here by poultry demonstrators for April, 148 farm flocks averaging 136 hens being included in the report. The average number of eggs laid per hen in these flocks was 17.8, which is 60 per cent, a good average for April.

The reports show that feed costs per dozen eggs during the month were 20.3 cents and that the average price received was 25.8 cents per dozen eggs, or \$52.11 per flock of 136 hens. This income from eggs was supplemented by an income from fowls of \$34.94, making \$87.05 for the income per flock, from which the average feed cost of \$41.10 being subtracted leaves \$45.95 profit over feed cost.

Fifteen commercial flocks of 500 or more hens averaged 16.8 eggs per hen in April at a feed cost of 18 cents per dozen, the report shows.

Seaboard Air Line Railway Is-us Attractive, New Folder on Wrightsville Beach, Virginia Beach and Tidewater, Virginia.

Distribution of an attractive new, illustrated folder just issued by the Seaboard on Wrightsville Beach and other beaches in North Carolina, Virginia Beach and points of historic interest in Tidewater Virginia is being made by Mr. C. W. Small, Division Passenger Agent of the Seaboard Air Line Railway at Columbia, S. C.

"With vacations near at hand, we are having many calls for this new folder," said Mr. Small, "as it gives much interesting and valuable information and shows a list of hotels with both daily and weekly rates. Though Wrightsville Beach and Virginia Beach are featured, because of their diversified amusements and unusually attractive surroundings, and hunting, fishing and golf opportunities are described and historic Cape Henry, Norfolk-Portsmouth, Ocean View, Old Point Comfort, Newport News, Williamsburg, Jamestown, Yorktown, etc., are included with many illustrations and much information of interest to prospective visitors."

Short Course at Winthrop for Rural Women and Girls.

The State staff of the Home Demonstration Department in a conference recently completed plans for the Annual Short Course for rural women and girls, to be held at Winthrop College, June 8th to the 15th.

Through the personal efforts of Dr. D. B. Johnson, with the help of the State Council of Farm Women, the Short Course has been made possible. Due to a lack of funds, it was not held last year, for the first time in many years. This announcement will be received throughout the State with great rejoicing, as the State Short Course at Winthrop is looked forward to by both women and girls for months in advance, as the big event of the year. All are anxious to attend, and consequently eagerly comply with all requirements in order to avail themselves of this splendid opportunity of a week's study at Winthrop College.

The theme of the Short Course this year centers around the health of the homemaker. A splendid program of lectures, demonstrations, and laboratory work has been planned. In addition, time will be given to recreation, swimming, and various forms of entertainment, with Chapel each day. A similar but separate program is planned for the girls who will attend.

On the last two days the Annual meeting of the State Council of Farm Women will be held. Mrs. M. W. McElmurry, of Beech Island, the president, presiding. A splendid program for this meeting is being planned. Out-of-State Speakers and Instructors who will assist with the Short Course are: Dr. Louise Stanley, Chief of the Bureau of Home Economics, Washington, D. C., Miss Lucie Marvin Adams, of Atlanta, Ga., formerly of the National Y. W. C. A., and Dr. Maud Presley, of Charlotte, N. C.

Six members from the Women Home Demonstration Clubs and six from the girls' 4-H Clubs are given this splendid opportunity, and every County should have its quota there. In those Counties where there is no Home Demonstration Agent, the Farm Agent or Superintendent of Education has been asked to select six women and six girls to attend the Short Course, at which the only expense will be rail road fare and \$1. for handwork materials.

Sand Hill Home Demonstration Club Has Good Meeting

The Sand Hill Home Demonstration Club was honored on last Tuesday by having Mrs. Dora Dee Walker more affectionately known by her friends as "Mother" Walker, founder of Home Demonstration work in South Carolina, as a visitor a worker. The Club had a splendid attendance, twenty-four members present, and with such an inspiration as was given by "Mother" Walker along with the help and cooperation of Miss Burgess, Kershaw County Demonstration Agent, much will be accomplished. Plans are being made to transform the old Sand Hill school house into a lovely Community House on Sunday, June 3, when Bishop of the north and south Georgia conference of the Methodist church preaches the baccalaureate sermon. The exercises will be held in the university auditorium.

Another feature of the commencement season this year will be the alumni reunion on Monday, June 4, of those classes whose numerical enrollment is eight and three. Dr. Goodrich C. White, dean of the College of Arts, W. B. Beauchamp, presiding officer and Sciences, will be the orator of the day. The Kershaw Era.

Good Peach Prospect

John C. Jenkins, local peach grower, who has a fine orchard surrounding his home, reports that there is a large crop of peaches on his trees, and that the other orchards in the vicinity on farms near Kershaw are well laden also with fruit. This means that we will be able to buy our peaches at home this year, which will effect a saving of both time and the extra expense attached to the shipped-in peaches. Mr. Jenkins states that he expects to sell peaches at his garage and at his orchard when they begin to ripen.—The Kershaw Era.

Man Wanted to run McNess Business

in Kershaw county. No experience needed. Must have car—can make \$75-\$10 daily—no lay off—no bosses—chance of a lifetime. Use our capital to start. Write FURST AND THOMAS, Dept. J. L. 9, Fryerport, Ill.

TRAVEL BY TRAIN



THE MOST RELIABLE THE SAFEST THE MOST COMFORTABLE

POPULAR EXCURSION

TO ASHEVILLE, N. C. ACCOUNT RHODODENDRON FESTIVAL SATURDAY, JUNE 2, 1928 VIA SOUTHERN RAILWAY SYSTEM

Round trip fares:	
CAMDEN	\$4.50
Columbia	4.85
Lancaster	4.00

Proportionately excursion fares from all other points. Excursion tickets sold for all trains Saturday, June 2. Return limit: Good on all trains to reach original starting point by midnight, Thursday, June 7, 1928.

RHODODENDRON FESTIVAL WEEK ASHEVILLE, JUNE 4-9

See Mr. Pisgah and Mr. Mitchell at height of their seasonal gorgeous splendor. Excursion tickets also sold daily, June 1 to 5 inclusive, one fare and a half round trip. Final limit June 12, 1928.

A RARE AND APPEALING OPPORTUNITY

For further information apply to Ticket Agents and for illustrative booklets call on:
W. E. McGEE, MR. W. C. WALKER, MR. R. S. BROWN
Div. Pass. Agent, C. P. & T. A., Dist. Pass Agent
Columbia, S. C., Charleston, S. C., Augusta, Ga.