BAKED POTATOES.

Experiments Looking to Production of New Commercial Food.

The South Carolina experiment station, located at Clemson College, which is under the charge of l'rof. J. S. Newman, has lately issued a bulletin that ought to interest every farmer in the South. The bulletin describes a new method of preserving sweet potatoes, which has been tested and proven to be a decided success, and we give herewith the substance of the report:

Three years ago the solution of the problem of how to introduce the sweet potato to commerce was undertaken. There were two difficulties to be over-

1st. To render the potato less perishable, and

2nd. To reduce its weight and thus render its shipment to distant markets

The question of varieties, fertilization and cultivation has been exhaustively studied. That large crops can be produced at small cost has been demonstrated.

That they furnish cheap and nutritious food, not only for man, but for questioned.

transportation, even to our own large it is noted that in one case stated in Second, they are too perishable to

bear rough handling and exposure to freezing weather.

The problem, therefore, which we bulk and weight, by drying off surplus moisture, to sterilize the product as to exempt them from the fungus disease to which the green product is subject, and to accomplish these ends without impairing the edible qualities of the dessicated product.

In 1899 the roots were peeled and sliced and dried in a movable evapoof the green roots, and rendering the product non-perishable, but this was accompanied by a practical destruction of the flavor. The surplus moisture was removed, but the re-absorption of the moisture was not satisfactory, and, hence, when cooked, they did not resemble in consistency nor flavor of the fresh potato.

In 1900, Mr. J. Sam Pickett, fore- est of this State and section. Mrs. E. F. McDowell, of Franklin, N. C., had succeeded in producing a satisfactory article by boiling the potatoes before evaporating them. Acting upon this suggestion fairly good results were obtained, and a merchantable article produced by boiling in an open kettle, and using again the fruit evaporator. The work, however, was irregularly done, many of the slices being over-cooked and hard.

A sufficient per cent of the output was properly repared to demonstrate the correctness of the method, and that satisfactory success was attainable with a suitable outfit skillfully handled. To test the keeping qualities of this output, a part of the product has remained in ordinary cloth sacks for seventeen months, having passed through two winters and one summer in a perfect state of preservation.

In the fall of 1901 experiments were made with thirteen different varieties to test their comparative adaption for the purpose. A box of each of these is now included in the Clemson College exhibit at the Charleston exposi-

A room was equipped for steam heating in connection with the cannery in the horticultural division of the experiment station, by means of which the work of boiling, peeling once wherever it becomes known. and evaporating could be more expeditiously and economically performed.

By means of a derrick used in the cannery, several bushels of green potatoes were lowered in an iron basket into a large boiler in which the water was heated by steam. To secure uniform cooking the roots should be nearly of the same size. Those weighing from one to two pounds required one hour for thorough cooking. Six to eight hours were required for evaporating them at a temperature of 150 F. An ordinary laborer peeled and sliced one bushel per hour.



Under this system there can be no loss from rotting during storage. On the contrary the evaporated product is not only not perishable, but contained only 3.42 per cent of moisture, will keep for an indefinite time and bear transportation to any part of the world at any season.

To prevent hardening of the product it should be packed in close boxes as soon as practicable after removal from the hot room.

Soak the slices in warm water for an hour and prepare as dressed or candied potatoes. The dessicated potatoes may also be used as are the fresh roots for puddings or custards.

In commenting upon the discovery of which the foregoing bulletin treats, the Charleston News and Courier makes the following timely observa-

The value of the process which has been devised by the station may be estimated from this account of it. It insures to the farmer the perfect preservation of one of his most prolific and most important general food crops, at all classes of domestic animals is not the same time fitting it for safe and economical shipment to distant mar-As a market crop they have thus kets heretofore closed to it, and effects far fallen far short of success. Why these ends by a mode of preparation which is so simple and cheap that it First, they are too bulky to bear can be employed on any farm. When the table an acre of land yielded 357 bushels of raw potatoes, which in turn yielded 105 bushels of the dried product, the possibilities of the process in the way of developing the culture undertook to solve was to reduce the of the vegetable in the South and introducing it to the world's commerce and comfort begin to appear in truly vast proportions. And it is to be remembered that 357 bushels of sweet potatoes to the acre is by no means the record crop for this section. Mr. J. R. Mattox, of Cinch county, Ceorgia, once made 1,445 bushels on one acre in one season, and doubtless some rator. This resulted in removing the South Carolina farmer has done even excess of moisture and consequently better than that. At any rate, the reducing the weight to one-fourth that | world | would be glad to get our potatoes and pay well for them, if it were at once made acquainted with their to have done the shooting. The deed I comes back and drinks just as much excellent quality, and Prof. Newman and Mr. Pickett, it appears, have found a way to bring them to its at-

tention in good form and condition.

It is a good work that they have done,

and it can hardly fail to prove of im-

man of the station work, learned that | Accompanying the copy of the bulletin sent to the News and Courier was a small pa kage' of the product. On inspection it was noted that the slices are cut across the potato and are about an eighth of an inch thick. In color and texture it is very like dried figs, but much firmer, one of the slices resisting a considerable pull before tearing. When cooked for table use according to instructions-as for 'candied potatoes''-the resulting dish could be distinguished from one likewise prepared from fresh roots only by reason of a scarcely perceptible degree of toughness remaining in the dessicated product. Perhaps a longer preliminary soaking would remove even this slight difference, which was scarcely noticeable at the most. The test was successful in every way, as it proved that the dessicated product retains all the flavor of the fresh roots, and can be used for them at any season of the year with perfect satisfaction to the housekeeper and consumer. The experiment station has unquestionably opened the door to a new industry of enormous proportions and value for the South, and any agricultural community can employ the opportunity at its own discretion.

He was Dead at Throttle.

There can be no question about the

demand for the prepared product. It

will make a large market for itself at

Middleton, N. Y., Aug. 6.-The coroner's inquiry into last Sunday's wreck on the New York, Ontario and Western railroad at Horton's, in which four men were killed, is now in progress before Coroner Johnston.

From evidence already adduced it is believed that Engineer Ady O'Neal, whose disregard for orders is alleged to have caused the wreck, was dead on his engine when passing the scheduled stopping point. It is believed be received a fatal blow on the head by coming in contact with a bridge or other obstruction some time after receiving the order, as he did not slow up at either Chiloway or Horton's although Conductor Ducoton tried every means to signal the engineer.

- Lots of girls get married merely to gratify their curiosity.

- No artist has ever been inspired to paint a bald-headed angel.

- A lazy man never gers ahead unless some one puts a head on him.

Nashville, Tenn., Aug. 4.-Armed with dynamite to blow his way out of desperado, led a desperate band of sixteen convicts to liberty from the Tennessee penitentiary to-night. Fif-

Blew a Way Out of Prison.

teen of the escaping party got entirely clear of the premises and only one, Edward Carney, a safe blower, sent up from Nashville, paid the penalty of death in the bold undertaking. Joseph Loss and James Work were traced by life-long regret that children have bloodhounds and captured, but the never been born to them. rest of the prisoners had gotten so far out of bounds that by midnight no trace of them could be had.

The prisoners were furnished dynamite from the outside, which they used in blowing out an opening in the main wing of the prison. Hyatt stood off the inside guard with a brace of revolvers, which had also been furnished him from the outside, while the men preceded him, and Carney, less than 22 boys and girls. the prisoner who was killed, immediately preceded the train robber. The dynamite was laid by Doe, the Marchester train robber, and he made good his escape with the train of prisoners that left by the opening made by the explosive material.

Six of the prisoners that got away were Government and the others were State convicts. Men and bloodhounds are in pursuit of them.

Train Robberies are too Frequent.

Mount Carol, Illinois, August 6 .-A daring and successful train robbery occurred at Marcus on the Chicago, Burlington and Quincy railroad, five miles north of Savanna about midnight. The fine vestibuled passenger train of eleven coaches, conductor Emerson in charge, was flagged at the little station, and six masked men boarded the engine. The engineer and fireman obeyed the imperative orders engine and express car from the train and ran them a quarter of a mile up

They then blew up the express car with dynamite, ran the engine north a distance of a mile from Rauover, and the engine becoming dead the robbers the highwaymen was killed, being shot above the eye and also in the leg. He met instant death while in the engine, and his body was dumped to the ground by his companions as they sped time. I just gets on the train and

The express messenger Bye claims was done quickly, the trainmen and as I please, and then I goes out in passengers making no defense. Six the woods and hollows just as loud as sacks of money were secured but the I can, and I had the best time you amount is not known. The passengers were not molested.

As the country is adapted to sucmense value to the agricultural intercessful flight the robbers easily escaped. The work is evidently of experts as they went at it coolly and

Officials of the railway say that only \$3,000 in silver was secured.

Milesian.

law was in very humble quarters, in tion that the day before a strange wothe rear of a cobbler's shop in Fulton man had left her baby, returned in the street, near William. One day an afternoon, asked for her child, and Irishman who called and inquired for the cobbler was told by Brady that check. The matron in charge would he was out. Peering about the room take no chances, but told the woman of the newly fledged lawyer, scantily to come around later, when, if there furnished with two unpainted chairs were an unclaimed baby remaining, and a deal table, he inquired:

here?"

Brady.

"'Humph!' said the Irishman. 'must be doing a good business, as I see you have only one left."

Hot weather saps the vital energy and makes the hardest workers feel lazy. To maintain strength and ener gy use Prickly Ash Bitters. It is the friend of industry. Evans Pharmacy.

- All a man needs to do to get a woman to do something is to find out Judge inquired, and "Whatever you what she wants to do and tell her to

Chamberlain's Colic, Cholera and Diarrhoea Remedy has a world wide then," said the judge to the clerk. reputation for its cures. It never fails and is pleasant and safe to take. For sale by Orr-Gray & Co.

- The most painful climbing of fortune's ladder is done by people who have been at the top and are compelled to climb down again.

Henry L. Shattuck of Shelleburg, Iowa, was cured of a stomach troubl with which he had been afflicted for years by four boxes of Chamberlain's Stomach and Liver Tablets. He had previously tried many other remedies and a number of physicians without relief. For sale by Orr-Gray & Co.

altogether. At fourteen years the elephant loses its first set of teeth and a new set grows.

Stops the Cough and Works off the Cold.

Laxative Bromo Quinine Tablets cure a cold in one day. No cure, No Pay Price 25 cents.

Adopted 22 Children.

South Haven, Mich., Aug. 9 .- Mr. and Mrs. John Shandrow, of South prison, Gus Hyatt, train robber and Haven, have adopted a whole orphan asylum, 22 children in all.

> The 22 children are not all infants. Some of them are bright, rosy-cheeked youngsters, already old enough to go

> Mr. and Mrs. Shandrow have made more than a competence on their 100 acre fruit farm, and it has been their

To please his wife Shandrow wrote to the Smith Foundling hospital in Minneapolis asking them to send him several children for a summer's outing, with the privilege of choosing from them in case he should want to adopt a boy. The Minneapolis institution is a small one, and the management promptly forwarded the visible supply of children over three years of age-no

Mr. and Mrs. Shandrow are devout Methodists, and an amusing sight was enacted when they discovered that part of the children had never been baptized. The minister was promptly rummoned and eight of the little ones christened at once. They have just decided to adopt all of them, of whom they are excessively fond.

Having a Good Time.

Most people are disposed to make he best of poor circumstances, especially if they are stout and goodnatured-the people, not the circumstances. The humor of the situation appealed to the two travelers and they began to laugh.

"Say," said one of them, addressing the driver, "my friend here is the chief of police of one of Alabama's big cities, and he has come up here to have a good time. He can't do anyand the robbers at once uncoupled the thing at home, for every one will know it. Now tell us what you do up here to have fun."

This question interested the driver very much. He still had some some sporting blood left after thirty years behind the plough. He dropped his reins, turned round to face his passenabandoned it and escaped. One of gers, and kept his back to the mules. which continued to plod their weary way just the same.

"Wael, gentlemens," he said, "I'll tell you what I do to have a good goes either to Birmingham or Atlanta and buys me a jug of whifkey. Then

Forgot to Explain.

A local Episcopal congregation takes a great interest in a day nursery for babies that is run as a part of the organized charity of the Church. Mothers going out to work or having other reasons for intrusting children to the care of the nursery for the day receive a numbered brass check, cor-Conversation became reminiscent at responding to a tag hung on each baby. the lawyers' club the other day, the The nursery, located in a workingfolks late Judge James T. Brady being the neighborhood, is very popular with all subject, says the New York Times. classes and denominations, the charge A veteran practitioner who knew him being merely nominal. At a recent Wednesday evening service in the "Brady's first attempt at practicing | church, the pastor told the congregawas refused because she had lost the she could have it. The woman called "I say, boss, what do you sell just at closing time, and was told the only baby left was a negro. Here the "Blockheads,' promptly replied pastor was interrupted with exclamations of "Oh!" "What a shame!" "Dreadful!" "Poor woman!" etc., from the feminine members of his congregation.

"I forgot to explain," he went on, after a moment, "that the mother, too, was black.'

Judge Knew Women.

"What is your age, madam?" the choose, sir," was her answer. She was under oath.

"You may put down 45 years, "What is your occupation, madam?" "Sir," said the witness, "you have made a mistake of 10 years in my age."

"Put down 55 years, then," directed the judge. 'Your residence--" "Sir," exclaimed the lady, angrily, 'my age is 35 years, not 55!" "Thank you, madam," said the judge blandly.

The Deacon's Resolution.

"The deacon prayed fer rain six - An elephant has only eight teeth | days an' nights on a stretch, an' when the rain come-" "What then?"

"Drowned two of his best cows, an' washed the foundations from under his house. An' now he says that hereafter he's a good mind to keep quiet an' jest let Providence run the | weather to suit itself!"

Speed of Dogs. Greyhounds are the swiftest dogs known, and scientists say that they are the swiftest of all four footed animals. Trained hounds can travel at the rate of eighteen to twentythree yards a second, which is about the speed attained by a carrier pigeon. These dogs are bred for speed alone. Every other consider-ation is lost sight of, and only the machinery that makes for motion and endurance is cultivated.

Foxhounds are also very fast travelers, going at the rate of nearly eighteen yards a second. M. Dusolier, the noted French scientist, has pointed out in his statistics on the speed of animals that little fox terriers trotting along with their masters who are driving or riding a bicycle cover mile after mile without a touch of fatigue or distress.

Many animals akin to dogs show. even greater endurance. A wolf can travel fifty or sixty miles in a night and be ready for a similar journey the following night.

A correspondent asks, "Won't you oblige by saying why the word book' is applied to muslin?"

The idea that book muslin derives its name from the peculiar manner in which it is made up for salenamely, folded in yards and each yard doubled in again on itself in such a way that the process of opening it strongly resembles the opening of a book—is ingenious, but incorrect. The word has its origin in Buke, which was erroneously written "Book," the district in India where it was first made. It was not until 1780 that the manufacture of British muslins became a rival to those in India. India muslins are still famous for preserving their whiteness.

Wire Used For Pins.

all pins are made from brass wire,

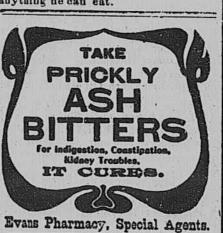
she expects a man to admit that her admission doesn't count. - Often a woman is so inconstant that after making up her mind as to

her age she is unable to stick to it. -It is easy for a millionaire philopher to tell a young man how to

live on \$6 a week and put money in the savings bank. - If you see a couple walking along the street and the man goes on while

shop windows it's a sure sign they are - An appropriate present for a girl

anything he can eat.



ONE TRACT, four miles Southeast City of Anderson, containing about 200 acres, Also, our Mill Tract, water pow-er, with 50 acres of land. Terms upon

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ry Scholarship are to be awarded on com-petitive examinations for this, Anderson County. Blank forms of application should be suplied for at once to Col. C. F. Gadsden, Chairman Roard of Visitors These applica ions, fully made out, must be in the hands of the Chairman on the 31st July in order to receive attention. C. S. GADADEN, Chairman Ecard Visitors.

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Elegant new building. Careful attention to individual student. Board and tuition for year, \$110. All in-

A. M. DuPRE, Head Master.

"Book" Muslin.

Perhaps as striking a figure as can be adduced in relation to wire is its consumption in the pinmaking industry. With but few exceptions, and the daily production of pins in Great Britain is placed by competent authorities at 50,000,000, of which Birmingham supplies about three-fourths. How this stupendous cutput is consumed affords matter of no small wonderment, and when the proverbial trifling value of each individual pin is further borne in mind the interest in this branch of the wire industry will be still fur-ther augmented.—Chambers' Jour-

- When a man proposes he doesn't seem to realize that it may result in his losing control of himself. - When a woman admits a thing

the weman pauses to look in at the

is anything she can wear; for a boy,

LAND FOR SALE.

W. H. CARPENTER, L. F. CARPENTER. July 23, 1902

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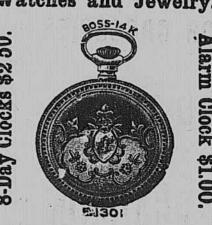
DON'T fail to see the grand Axel Machine that W. M. Waltace has purchased to save people money on their Buggies, Carriages, &c. This is the greatest Machine that has ever been invented in this country. It saves you putting on new Axel Points. This only costs you \$2.00 to make your old Buggies ride like new ones. Don't fail to come to save you fail to come to save you will shrink your Tires for 87to each, and guarantee satisfaction. Horse Shoeing a specialty. You will find us below Jail, on the corner.

W. M. WALLACE.



insurance Co. to inspect the buildings insured in this Company, and will commence work on the first of July. Policy-holders are requested to have their Policies at hand, so there will CAN tighten your Tires while they are cold without taking them off be no unnecessary delay in the inwheels or taking out bolts. Leave the wheels in perfect shape and dish just right. Can do the work in one-ANDERSON MUTUAL FIRE IN. SURANCE CO. third time it requires the old way. Don't wait 'till your wheels are ruined. Bring them on and see how nicely we can do the work.
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Will loan you any amount from Three

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June 30		rect
STATIONS.	Daily No. 15.	Daily No. I
Charleston	11 W p m 12 W n't 2 W a m 2 45 a m 4 05 a m	7 00 a 7 41 a 9 00 a 9 28 a 10 24 a
Savannah Baruwell Blackville	12 80 a m 4 13 a m 4 28 a m	12 80 a 4 18 a 4 28 a
Columbia Prosperity Newberry Ninety-Six Greenwood Hodges	6 00 a m 7 14 a m 7 80 a m 8 80 a m 8 50 a m 9 15 a m	11 80 a 12 20 n 12 85 p 1 80 p 2 05 p 2 25 p
Abbeville	8 85 cim	1 45 p
BeltonAnderson	9 40 a m	8 20 p 2 45 p
Atlanta (Cen.Time)	11 20 a m	4 25 p
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7 85 p m 10 45 a m 8 05 p m 11 10 a m 9 05 p m 12 01 n'n Ar. Blackville. STATIONS. | Daily Daily No. 14 No. 16 7 00 a Lv..Charleston..Ar

"P" p. m. "A" a. m. "N" night.
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[Vestibule Limited), and 5:55 p. m.; southbound, 1:25 a.m., 4:30 p. m., 12:50 p. m. (Vestibule Limited), and 1:30 a.m.

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Feb 5, 1902 33

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STATIONS.	Bun.	No. 6 Daily Ex. Sun.	Daily Ex.		No 12 Daily
v Walhalia Senecs Cherry Pendicton Autun Denver Anderson Telton	7 45	8 00 8 08	8 26 8 54 4 11 4 23	2 45	A. M. 8 00 8 25 8 57 8 47 8 55 9 02 9 09 9 30
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STATIONS.	No 8 Daily	No. 5 Daily Ex Sun.	No. 7 Daily Ex. Sun		No. 11 Daily
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