BIG INCREASE IS

MORE COMPLETE CENSUS OF MISCELLANEOUS MANUFAC-TURIES TAKEN.

LATE STATE CAPITOL NEWS

Review of the Latest News Gathere Around the State Capital That Will Be of Interest to Our Readers Over North Carolina.

The annual summary by the depart nent of labor and printing of mis cturing enterpris North Carolina will show 3,706 estab ients compared with 755 for 1914 This big jump is accounted for by the fact that this year for the first time, the state department has co operated with the United States De parment of Commerce, thereby making it possible to obtain an almost complete census. Included in the misellaneous factories are all exc cotton and woolen and knitting mills and furniture factories, which are reorted in separate classification. The aggregate capital of the 3,706

laneous manufacturies is \$137, 584,107 and the estimated value of raw material used \$61,439,188; estimated value of the output is \$186, 066,168; wages \$23,470,581; salaries,

The summary shows average work day to be nine hours and fifty-three The manufacturies 252,576 horsepower, 359 making no report as to horsepower. Employes reported are 55.568 male and 6,691 female: also 4.625 classified as salaried employes. Commissioner of Labor and Print-

ing Shipman expects to complete within a few days the summary cotton mills, which will show very considerable increase.

New Great Seal for State.

There has just been used for the first time in executive offices of Gov ernor Craig a new North Carolin Great Seal. The order for this seal the one in use since 1893 having been in very bad condition for quite a while. The new seal shows the Goddeas of Liberty holding a staff and with a scroll of the constitution in he Ceres is facing her and holds a sheaf of wheat in her right hand while her left hand rests on small end of a conucopia, which is emptying the abundant products of the state. The principal difference between the old seal and the new is that the new seal shows a ship in the offing. In the background are representations of fields and mountains, the idea being to represent the cor cial and agricultural activities of the The new seal is the eighth that North Carolina has had from the Colonial period to the present time. It is the fourth seal since the formation of the state, and the definite adoption of a State Seal by the Assembly at Halifax in December, 1776.

Named Rural School Supervisor. Information comes to the state de partment of education that Miss Cher ry of Durham has been appointed rural school supervisor in Harnett county. Much gratification is expressed at the steady growth of this phase of school promition throughout the state, there promition throughout the state, there being now rural school supervisors in Harnett. Northampton, Johnston, Alamance Granville Vance, Orange, Avery, Lenoir. These rural appervisors give special attention to improve ing the school life and activities stirring community interest in the work of the school and in general com-

munity improvement. Barnes Secretary Agriculture Board. K. W. Barnes will be secretary to the state board of agriculture on and lic Instruction Joyner are furthering the state board of agriculture on and the state. This new pambranes is the state of course, the

this effect was made by Commission W. A. Graham, on his arrival in the city, after a 10-days' absence in Charlotte, Columbia and Charleston. Mr. Barnes, whose home is at Lucama, Wilson county, served for six years as a member of the state board of agri-

Campaign For Demonstration Work.
Campaigns for financing the cooperative demonstration are being pressed now and some gratifying re-cults are reported. More than 35 counties have already made appro-priations for next season and numbers of other counties are to take action after January meetings of commissioners. Thirty-two of the counties that have made appropriations provide a total of \$18,660, this being an average of \$601.93. The biggest appropriation is \$1,000 by Halifax

Largest Orphanage Collection. the special publicity committee of the the North Carolina Orphanage Assocition that pushed the caronal and special scribed for erecting and sub-scribed for erect tion that pushed the campaign for one day's income Thanksgiving donations ages in North Carolina, says that by far the biggest revenue from this source came to the Thomasville ige, this institution having re peived \$20,444. The other orphanages have not yet made public their receipts, but it is not believed that any of them received such an amount.

The directors of the State's Priso meeting. Only routine matters for the month were considered. It develops that there are now 200 state convicts that there are now not state an arminum special act of the 1918 legislated company's plant at Baden. The Elkin This is a school provided by Roger Company, from Derby, the district being made up of Montgomery and Richmond & Alleghany Railroad Company, from which a large squad of convicts was taken for the Aluminum Works, is countles, said to be satisfied with the squad of ganized, but is to include the grammar 54 convicts left for this railroad construction work. The prison still has school features that will prove a great on hand its 700-bale crop of cotton.

Case la Decided in States Favor. Judge Peebles of the superior court announced his ruling in favor of the State Department of Agriculture in the injunction proceedings instituted against the department by nearly 50 flour mills to stop the enforcement of the North Carolina statute regulation sale of artificially bleached fig Judge Peebles holds that the statute contains no violation of either the state or the federal constitution. It is CARING FOR DAIRY UTENSILS expected that the case will be appeal-ed to the supreme court and will likely to be carried on to the United States

upreme court before final settlemen

The case is Liberty Mills et als, ve

North Cardina Department of Agri-culture and was instituted by the

ouring mills through Tillett & Guth

the case three weeks ago, the argument for the state being by Attorney General Bickett and that for the

flouring mills by T. C. Guthrie of Charlotte. Judge Peobles had reserv-

ceive from the Crop Report Division

of the Federal Department of Agricul-

ture figures on the 1915 North Caro-

lina crops that even exceed the fig-ures Mr. Graham had worked out.

Federal reports show that the North

Carolina corn crop for 1915 is 64,050,

bushels for 1914; wheat crop is 10,

355,000 bushels sompared with 7,332,-

000 bushels for 1914; oats 5,050,000

bushels, compared with 4,375,000; to

bacco crop, 198,4000,000 pounds, com-

pared with 172,250,00 pounds in 1914.

Deposits in the North Carolina State

Banks increased more than \$6,000,000

during the past year and the total re

ources foot up \$87,606,324, compared

with \$85,820,023 last year, a net gain

of \$1,140,300. These are especially

figures contained in the summary of

reports of conditions of state savings bank and trust companies issued by

the Corporation Commissioner, based

on reports of November 10. The com-

31, 1914. There were reports from 417 banks including 21 branch banks.

The number reporting one year ago was 422, including 18 branches.

Members of the Corporation Com-

dicates a healthy business growth, and

that the items that show decreases are

about as creditable to banking prog

ress as those that show increase

figures. For instance, the item of bill

payable show a decrease from \$7,567,-431 to \$3,694,200, and notes and bills

\$1,689,824 to \$744,978, both much more

stages of bank finances summarized in the report was \$4,114,923 and the total

Refore leaving Raleigh for Elizabeth

City to take a hand in experimental

emonstrations as to the extraction of

division of agronomy, talked confi-

dently of the outlook for this new in-

Morse, expert of the United States de-

Commissioner of Insurance James

R. Young is issuing a supplementary

pamphlet bearing on the better and safer school buildings propaganda,

phiet explains that, of course, the changes they are advocating are de-pendent on local authorities in charge

of the erection and control of school

buildings. It points out that the dif-

ference in the cost of the safer build-

ings is overcome by the smaller de-

Two branch Belk store corporations

onnected with the Belk department

store corporation of Charlotte, were

chartered, one for Wilmington and the other for Raleigh. The Wilming-ton corporation is the Belk-Williams

Company, capital \$100,000 authorized

and \$36,000 Subscribed for a general

department store business. The incor-

porators are: W. H. Belk, Charlotte, and J. M. Belk Monroe, 110 shares

each; J. C. warms, Wilmington, 20

shares; B. F. Matthews and G. H. Mc-Donald, Charlotte, 10 shares each.

Union Station Company Chartered.

scribed for erecting and maintaining a commodious union station and leas-ing it of railroad companies or indi-

viduals for union station purposes, in-cluding passenger mail and express service, telephone and telegraph of-fices and operation of bus and auto-

mobile lines. The incorporators are L. E. Johnson, N. D. Maher, W. G. MacDowell, A. C. Needles, L. H. Gocke

State Superintendent of Public Instruction Joyner spent a day at Jack-

son Springs in conference with Roger Derby and trustees of the Derby Me-

morial district school, created under special act of the 1915 legislature

portions of Montgomery and Richmond countles. The school is not yet or

Confer About Derby School.

Two New Belk Stores Chartered.

Urges Safer School Buildings

sound banking.

decrease \$2,374,623.

Soy Bean Outlook Bright.

partment of agriculture.

d show a decrease

ons are with reports of October

ry of State Banking Report.

000 bushels, compared with 57,550,00

in the state.

Tin is Regarded as Best Material and Should Never Be Used for Any Other Purpose.

(By CARL E. LEE.) utensils should be made of the best grade of tin and never used for any other purpose. Wooden or pails are objectionable. See that all joints in the pails, cans and strainers are well made and filled

Cans with the tin partly worn off are not suitable receptacles for milk



Charlotte. Judge Peebles had reserved his ruiting until now. The statute, the enforcement of which is being resisted, imposes an annual license tax of \$25 on each milling company that puts on the market flours artificially bleached. This tax is supposed to defray the expense of collecting and analyzing samples of flour being sold in the state. Milk Strainer, Showing Center Re-

Crop Report is Pleasing.

Maj. W. A. Graham, commissioner of agriculture, was much gratified to tact with milk or cream can best be cleaned by first rinsing with cold waer and then washing with a brush and hot water. trouble in the past has been that the Federal figures were much lower than those issued by the state. The

Washing powder suitable for use in the dairy should contain no grease. Ordinary sal-soda used in small amounts is also a good dairy cleanser. After washing the utensils with hot



Good Cream Strainer.

water, rinse thoroughly with boiling water and place them where they will come in contact with the direct rays

In washing the ordinary five, eight, or ten-gallon milk cans, be sure that the inside of the shoulder of the can is rubbed with the brush, as this is the most difficult part to clean.

FEEDING CALVES DRY GRAIN

Digestive Tract of Young Animals is Small and Giving Small Amounts Often is Favored.

In feeding skim milk calves the grain needed to supply the miss fat may be corn, barley, oats or a mixture. Occasionally a feeder has skim milk or alfalfa or clover hay on hand, and to these he adds linseed meal, nseed meal or gluten feed. These are all high in protein, and when any one of them is combin with skim milk and alfalfa-both high in protein-an unbalanced ration results and scours or other digestive troubles follow.

The digestive tract of a calf is small and frequent feeding of small amount during the first month is best. During the first month it is better to soy bean oil by a local cotton oil mill grind the grains fed. At the end of there C. B. Williams, chief of the this period either oats or corn may be fed unground. Hard grains like kafir and mile give best results when ground. All grain should be fed dry dustry in North Carolina. He will be pined in Elizabeth City by W. J. in a trough. Mixing feeds with milk is not recommended, as calves chew their feed better when fed dry.

RING FOR SELF-SUCKING COW

Habit is Brought on by Putting Off Ways of Prevention.

In most cases it pays to try some emedy, for a cow of this kind is uscally a heavy milker. The habit is brought on by putting off milking. The cow suffers and tries to relieve her-self and the habit is formed. Ways of prevention are numberless.

A cure after the habit is formed is almost impossible. The most effective remedy is putting two rings in the cow's nose. Ring the cow in the usual way, and in this ring hang another, forming two links of a chain. Some times one ring will stop the habit, but in most cases two are needed. If the cow is not a good milker bet-ter sell her to the butcher.

MILK AT SEASONABLE HOURS

No Time on Farm When Hired Man Is Making So Much Money as When He is Busy Milking.

Early milking and late milking in the evening may be all right if a man is overly anxious to make money and do the work himself. But, if hired help has to do it, the owner of that particular farm will soon gain the reputation of being a hard man to work

Why not send the man who takes care of the cows home from the field at five-o'clock in the afternoon, and done during seasonable hours of the

Tack five minutes to the work of your day and go over the calves with comb and brush. It will be the best investment of time you can make

It has taken centuries of experimen-tal breeding to make the dairy cow the wonderful animal that she now is

No Benefit to Cows Don't expect your cows to be greatly benefited by looking as your neighbor's stick.



CONTROL THE PEACH BORERS

Thick, Heavy Coating of Asphaltus rial is Applied Warm.

In a builetin of the California sta tion E. L. Morris calls attention to the use of hard asphaltum, grades "C" and "D," for the control of the peach tree borer. This material was applied early in the spring to badly infested trees from which the borers had been dug. It was found that a thick, heavy coating prevented both the issuance and the entrance of about 95 per cent to 98 per cent of the insects, the gree of efficiency depending upon the and cream because they rust and this condition imparts a metallic flavor to the butter. Utensils that come in contact with milk or cream one i years of experimenting have not shown the least injury. The material is applied warm with a

brush from five inches below to five



Female Beetle Placing an Egg in Tree Below Surface of Gr

inches above the ground. It is easier to apply two or more coatings than to try to put on more at one time than will adhere firmly. The first coating will harden very quickly and the sec ond can be applied without loss of time. Two coatings are generally sufficient unless the bark is very rough. But in any case a thick, uniform cov ering is absolutely necessary for the

best results. Borers are seldom uniformly distrib uted over an orchard. Small blocks of trees here and there may be badly infested, and the most of the orchard comparatively free from the past. In such cases it is not necessary to treat all of the trees with asphaltum, but it is necessary to examine them care fully, for in no other way can the true conditions be known.

A convenient way to handle the as phaltum is to mount an iron kettle on the running gear of an orchard truck and suspend beneath it a sheet iron apron as a fire box. Keep hard as altum in the kettle all the time, so that the melted asphaltum will not get too hot to carry in small containers, and apply directly to the trees.

GERMS CAUSE APPLE BLIGHT

Only Known Way of Control of Dis ease is to Cut Out Affected Parts-Job Tedious.

Blight of pear and apple trees caused by a very minute germ which de the bark and out of reach of any spray material that may be applied. It is spread from tree to tree by insects and gets into the trees through the blossoms. Here it is de-posited by bees and other insects which visit the blossoms, and as conditions are favorable for the develop ment of the germs, they pass from the blossoms through the stems of the flowers into the twig and then through the rest of the tree.

To control blight by cutting out the affected parts is a tedious job, but it is the only way known at this time for controlling it. Whoever will discover a better way than this will be a bene ctor of humanity and do a wonder ful work for the upbuilding of fruit growing.

PROPER SITES FOR ORCHARDS

Fact Often Overlooked That Cold All Settles to Lower Levels-Frost Does Much Damage.

It is a well recognized fact, though one too often overlooked in selecting sites for orchards; that cold air settles to the lower levels. For this rea son it is often colder at the lower elevations than it is at higher points in the same locality. This is what is meant by "atmospheric drainage. The occurrence of frost in low place when there is none on elevated areas is thus explained. For the same rea have the chores done to seasonable son peach buds are often winterkilled time? There is no time when a man or the blossoms are injured by freet is making so much money as when he in the spring in low places when is miking. Then why shouldn't it be nearby orchards on higher elevations in the spring in low places when are injured much less, or even escape entirely.

> Ripening Pears. Pears are best when ripened indoors instead of on the trees. The time to pick pears is determined first. by their known seasons of ripening; and, second, by the ease with which the stem parts from the branch when the fruit is slightly lifted. Most pears ere marketed in a green, but mature

Peach Responds Quickly. The peach tree responds more quick-ly to good treatment than any other fruit tree.

NEW ARCHBISHOP OF CHICAGO



Rt. Rev. Mgr. George W. Munde ein, S. T. D., the newly appo archbishop of the diocese of Chica-go, is only forty-three years old. He eply learned in ecclesiastic lore and lay wisdom, a linguist, and one of the literary lights of the Catholic world. He was born in Brooklyn in 1872 and comes of an old American family, his maternal grandfather having fallen as a Union soldier in the Civil war.

Bishop Mundelein finished his proliminary education in Manhattan college, New York, in 1889. He began his theological course at the Propa ganda Eide in Rome the following year, and was ordained in 1895. He returned to his native city and imme diately was appointed assistant sec retary to Bishop Charles E. McDonnell, a post he held until appointed as chancellor of the diocese of Long Island. Pope Pius in 1906 designated him as domestic prelate, bringing to him the titles of right reverend and

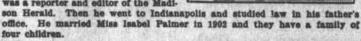
monsignor. In 1907 he was selected as a member of the Ancient Academy of Arcadi, being the only man in the United States who ever enjoyed that The academy is a purely literary body of the church. At its meet the members veil their faces.

In 1909 the honorary title of bishop of Loryma was conferred upon Bishop Mundelein and in the same year he was made auxiliary bishop

KORBLY'S NEW JOB

Charles Alexander Korbly of Indianapolis served his country and his party-the Democratic party-faithfully as a member of the house of representatives in the Sixty-first, Sixty-sec ond and Sixty-third congresses. Then tion by a Republican. But his good services and his ability were not forgotten by the party leaders still in office and Mr. Korbly was selected for the position of legal adviser to the comptroller of the currency. In the last congress he was a member of the committee on banking and currency, and he is considered especially fitted for his present position. The salary of the legal adviser is fixed by the comptroller, usually at \$5,000 a year, and is paid by the national Mr. Korbly was born in Madison

Ind., in 1871, and for several years a reporter and editor of the



HUDSON MAXIM'S HEALTH



Hudson Maxim's remarkably en ergetic and productive life is due very largely to his health, in the opinion of Eugene Christian. Mr. Christian de-scribes Maxim as having been sich only once in his life, and this was due to an indiscretion in eating. The in ventor's health is said to be due first to parental conditions. His father, Isaac Maxim, was a big, robust, hardy Huguenot. His mother used co sense instead of drugs for all family fils and he was early trained never to touch tobacco and liquor.

During his rearing the family table was supplied with substantial, pure food, prepared in an appetizing homely manner. The table was divested of condiments, fancy desserts, sweets and confections, which are the things that contribute tremendously anemic condition of the pampered child. Endowed by nature with a won

derful body and a big brain, Hudson Maxim has supplemented these natural forces "by keeping this brain and body clean." Complimented upon these sensible habits, he quietly said: "I know something about chemistry and why should I take into my body poisons that can do no possible good, but which are sure to reduce the building power of the blood and destroy cell metabolism? Why should I poison the blood that streams through my veins and which goes upon my table?"

CAPTAIN BOY-ED, TURK

(O)

Since Capt. Karl Boy-Ed, naval attache of the German embassy at Washington until President Wilson demanded his recall for improper ac tivities, became prominent in the public prints, many persons have commented on his peculiarly un-Teutonic name. The fact is he is of Turkish descent, for his father was Karl Boy-Ed. a Turkish wholesale merchant who lived in Germany. His mother, however, is a German and the most woman novelist of that coun-

Captain Boy-Ed is not only a naval officer and a diplomat, but also a ladies' man, an athlete, a club man and a litterateur. The clubs and drawing rooms of Washington and other eastern cities saw much of him before the war broke out, and he was looked on as a quiet and affable society man. But as soon as hostilities began he established himself in New York and

devoted himself to aggressive work for his country

Captain Boy-Ed was sent to this country by the German government to learn everything possible about the national defenses, and especially the navy. He never lost an opportunity to gather facts and make observations concerning the army and pavy and their officers and men. He made many visits to Annapolis, and is in touch with what is being done there, and at all the navy yards and naval stations,

Not long before the war broke in Europe he completed a tour of inves tigation through the nation. It is said by persons who know him intimately that the German naval attache is better informed about the United States navy than many of its own officers are. He knows the strong points and weak points in it. He is familiar with all the coast defenses and all the other

TO REBUILD 1818 TRADING POST.

Dr. S. A. Barrett, curator of anthropology at the public museum, is planning to build a reproduction of the trading post erected by Solom Juneau when he came to Milwaukee in 1818, the Milwaukee Journal states. The restored post, as complete as Doctor Barrett can make it, will be placed

Doctor Barrett requests the assistance of everyone versed in the history of old Milwaukes. Sketches of woodcuts of the trading post, even though drawn from memory after the trading post had disappeared, will be espe-

According to a compiled history of Milwaukee, Solomon Juneau's home built immediately after his landing, September 14, 1818, was a log dwelling and trading post on the east side of Milwaukee river, near the present intersection of Wisconsin and East Water streets. It was made of tamsrack noies, cut by Juneau from the tract which is now the Second ward.

WITH ORANGE FLAVOR

DAINTIES THAT MAKE APPEAL TO THE PALATE.

Four Delicious Dishes May Be Made From the Juice and Pulp of This Probably Most Popular of All Fruits Orange Salad .- Cut off the tops of

large oranges. Carefully remove pulp. Mix pulp with an equal quantity of aliced bananas and one-half the quantity of walnut meats. Marinate with French dressing, Place in orange shells. Chill thoroughly and serve with toasted crackers.

Orange Delight.-Seak half a box of gelatin in one gill of cold water fifteen minutes, now add three gills of boiling water, stir until dissolved; put into it half a pint of granulated sugar three gills of sour orange juice and the strained juice of one lemon, stand in a cool place; harden in the refris

Place a couple of rounds of slic orange in each individual dish, cover with the jelly, then a layer of soft custard or whipped cream as a ma serve ice cold with lady fingers.

Orange loing.-Put one running over tablespoonful of strained orang juice in a bowl, one teaspoonful of lemon juice and one teaspoonful of sherry wine or brandy, with a grated yellow rind of one small sour orange. let it stand for twenty minutes, then stir in half a cupful of confectioners sugar, then the slightly beaten yolk of one egg; stir, now add sufficient confectioners' sugar to make it the consistency to spread easily over the cake; it should not run; spread evenly, then put in a cool, dry place to stiffen.

This icing will be rich and creamy. never becoming "rocky," like so many people make. If cake is rubbed on the edge with sugar the icing seldom runs off the sides.

Orange Pudding,-Take two eggs. two-thirds cupful of sugar, grated rind and juice of one large orange, one pint of milk, one tablespoonful of butter, four tablespoonfuls of bread crumbs. Beat the eggs until light and add sugar and orange juice. Scald milk and add butter and pour over the crumbs and add to the eggs, sugar and orange juice. Mix well and bake slowly and serve very cold.

Swedish Apple Pudding. Take apples, pare and cut, and cook

the same as you would for apple sauce, sweeten and add twice the amount of bread crumbs, one tablespoonful molasses, pinch of nutmeg and cinnamon. Mix together, add two eggs well beaten. Do not have it too soft (about the same as plum pudding). Butter a dish, put in and bake in hot oven till nice and brown. Serve with hard or brandy sauce. The pan with a generous piece of butter. Cut them into dice and fry a golden brown, being careful not to burn. After that is done mix with apple sauce. Also put little bits of butter on top before you place in the and watch carefully so it will not burn

Soak half a cupful of taploca in cold water for an hour. If the instantane-ous is used this will not be necessary. Then cook till clear. Remove from the fire and pour over two eggs beaten with half a cupful of granulated sugar, a pinch of salt, teaspoonful of vanilla and a cupful of grated cocoanut. Drop in a teaspoonful of butter and bake in a buttered pudding dish for 25 minutes. Serve warm or cold, with cream or pudding sauce.

Soak one pint of scallons for one

our in salted water, drain, cover with boiling water to which one tablespeon of vinegar has been added, let sim five minutes, drain again, chill and cut tity of finely cut celery, mix with mayonnaise or boiled dressing, and sprinkle with one teaspoonful each of finely chopped chives, gherkins and

Baked Squash With Cheese.

The squash should be scraped free from seeds and baked in its shell, after it has first been cut in quarters. When well baked it is scraped from the shell. put in a buttered silver baking dish. spread with butter and seasoned with salt and pepper, after having been mashed. When it is sprinkled with a generous quantity of grated parmesan cheese it is browned very quickly in a hot oven.

Fish Balls.

Cut enough salt fish in small pieces to make one cupful. Pare and cut in-to small pieces potatoes to make two cupfuls. Cook in water to cover until potatoes are done. (Put the fish in at the same time.) Drain thoroughly the fish and potato and add half tablespoonful of butter and one beaten egg, with pepper and salt. Mash and beat the whole. Drop from a spoon in hot fat.

Hindu Cabbage With Onlons.

Cut cabbage into shreds, put it, dripping wet, into a kettle with one tablespoonful of oil or butter. Season with salt and cayenne pepper to taste. Cover closely, let cook in its own steam, Cut one large onion in small cubes, fry in one tablespoonful of oil or butter till slightly brown; then add cabbage and fry both together a fine golden brown

Potato-Baking Suggestion.

Choose potatoes of equal size. Brush them very clean, drop them into a basin of cold salt and water, then dry them. Place them on a baking sheet and bake in a moderate oven. When a fork will pierce them easily they are baked. The skins should never be

Taking Mud Stains From Silk. Mud stains can be removed fro

silk if the spots are rubbed with a bit of fiannel or, if stubborn, with a piece