

## Farmers' Department.

### Indian Corn.

The following information on this interesting subject was furnished by Mr. Andrews.—*Ed Working Farmer.*

The kind or variety of corn at harvest, depends not on the kind or variety of corn planted; but on the kind or variety from which the planted corn receives its pollen. This I have established by repeated experiments. For instance, I have planted the improved Canada corn, and have raised from it a good crop, fit for use at the time that the ears of the Canada corn would have been in the milk.

The mode of operation was very simple, as soon as the tassel of the Canada corn began to appear it was cut off. The tassels were also cut from the Sweet corn and the pollen from it on the silk of the incipient ear on the Canada corn. The ear will be Sweet corn without any intermixture of kernels of the Canada corn.

If the tassel be suffered to remain on the Canada corn, and the pollen from the tassel of the Sweet corn be shaken on the silk of the ear, the ear will consist of kernels of Canada corn and kernels of Sweet corn intermixed.

I have mixed three varieties on one cob, by shaking the pollen from the tassels at different times, and I see no reason why many more might not be added to them. But if the pollen from tassels of different varieties, be shaken on the silk of any variety, at the same time corn produced, will have in it combined all the varieties of the varieties represented in the pollens.

This is by this means that I produced the Rhode Island premium corn, and the Andrews' Hybrid corn, the first by a combination of the pollen of the Rhode Island premium, the Dartmouth white, and the improved Canada corn. I have found some varieties that will not intermix on the ear with other varieties. I have never known the Rhode Island premium to do so. There are probably others that will not mix in the kernel. Why this is so, I am not prepared to say. Further experiments may demonstrate the facts more clearly, and perhaps afford the reason for them. It is the pollen from the tassel that decides the kind of corn, and without this pollen there will be no corn.

The cob will grow in its covering of husks, but without a kernel or corn on it. An easy way to prove this, is one that I adopted: cover the incipient ear so that no pollen can lodge on it in silk—This can be done with a paper or cloth; if it be done effectually you will raise cobs, and that will be all. This led me to let the suckers on my corn alone. I never cut them out to remove them.—They yield pollen, if not ears, and thus help fill the ears on the parent stock. I have come to the conclusion, that in those varieties that most abound in suckers, there is a deficiency of pollen in the tassels to fructify all the silk, and make well capped ears, and that nature sends the suckers to supply that deficiency.

By examining the ears of the Rhode Island premium corn, or the Andrews' Hybrid corn, it will be seen that the corn grows very close over the butt of the cob, as well as being well capped over at the other end.

### Decay in Fruit Trees.

We have often heard the practice recommended of driving nails into decaying fruit trees, to restore their vigor. But we have never seen the result set forth so strikingly as in the following from the Southern Planter.

A singular fact, and one worthy of being recorded, was mentioned to us a few days since by Alexander Duke, of Aiken. He stated, that whilst at a peach orchard, every tree in which had been totally destroyed by the ravages of the worms, with the exception of three, and these were the most thrifly and flourishing peach trees he ever saw. The only cause of their superiority known thus far was an experiment made in consequence of observing that those parts of worm-eaten timber into which nails were driven were generally sound. When his trees were about a year old, he had selected three of them, and driven a ten-penny nail through the body, as near the ground as possible. Whilst the balance of his orchard had gradually failed and finally yielded entirely to the ravages of the worms, these three, selected at random, treated precisely in the same manner, with the exception of the nailing, had always been vigorous and healthy, furnishing him with the greatest profusion of the most luscious fruit. It is supposed that the salt of iron afforded by the nail is offensive to the worm, whilst it is harmless, or perhaps even beneficial to the tree.

A chemical writer upon this subject says: "The oxydation or rusting of the iron by the sap, evolves ammonia, which as the sap rises, will of course impregnate every part of the foliage, and prove to be a dose for the delicate palate of intruding insects." The writer recommends driving half a dozen nails into the trunk. Several experiments of this kind have resulted successfully.

**CREAM CAKES.**—Two cups of flour, one of butter, half pint of water, boil butter and water together and stir in the flour by degrees while boiling, let it cool, and add five eggs, a quarter teaspoonful of soda, drop this mixture on fire, bake in a quick oven.

**Inside.**—One pint of milk, half cup of flour one cup of sugar, two eggs—beat the eggs, sugar and flour together, then stir into the milk while boiling—flavor with lemon.

**CUP CAKE.**—Three cups of sugar, three-quarters of a cup of butter, one of sour cream, five of flour, six eggs, one teaspoonful of soda, two of cream of tartar; beat the butter to a cream; add the sugar; beat well; beat yellow and white of eggs separately; add flour last and stir it gently.

**FEIX GINGERBREAD.**—One quart molasses, half a pound of butter, six eggs, one pint of sour milk, half an ounce of ginger, cloves and cinnamon, one ounce of soda and cream of tartar.

**BUNN CAKE.**—One pint of sugar, one of flour, five eggs, two-thirds of a cup of butter, half cup of cream, half a tablespoonful of soda, one teaspoonful of cream of tartar, and a grated lemon.—*Gudry's Ladies' Book.*

**RECIPE FOR MAKING ICE CREAM.**—Two quarts good rich milk, four fresh eggs; three-quarters pound of white sugar; six teaspoons of powdered arrowroot.

Rub the arrowroot in a little cold milk, beat the eggs and sugar together; bring the milk to the boiling point, then stir in the arrowroot; remove it then from the fire and immediately add the eggs and sugar, stirring briskly, to keep the eggs from cooking; then set aside to cool.

If flavored with extracts let it be done just before putting it in the freezer. If the vanilla bean is used, it must be boiled in the milk.

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## City Advertisements!

### IT'S ALL FOR BUNCOMBE!!

These entries that ring out their red rage and make much noise, are not for Buncombe, but for the *Yankees*!—*"Suspension and its consequences?" "Great attraction?" "Free greatly reduced?" and other queer "poisons?"*—*"To get the worth of your money, call at the Family Grocer and Quakerware Store!"*

J. D. HALLIBURTON,  
The N. W. Corner, Public Square, and directly opposite the Caribou Dept. Bank, in the name of Free Enterprise.

Address of Chas. Glass and Queenware has just been replaced from Philadelphia, and for beauty of design, quality and cheapness.

IT CAN'T BE BEAT.

**GROCERIES!**

His assessment of FAMILY GROCERIES is full,

including flour, sugar, coffee, tea, bacon, ham, bacon, &c., &c.

Mixed Pickles, Plain, &c., &c.

Imported and Domestic Sauces, Dishes or Black do. American do. Tomato Paste, &c., &c.

Poppy Seeds, Oats, Starch, &c., &c.

Bacon's Sausage, Chocolates, Macaroni, &c., &c.

SUGARS, SPICES, ground & ground,

Pepper, Nutmeg, Cloves, &c., &c.

SAFETY INSURANCE.—THE ALLEN & EAST PENNSYLVANIA MUTUAL FIRE INSURANCE COMPANY of Cumberland county, is incorporated by an act of Assembly, is now fully organized, and the management of the risk will be conducted by the commissioners, who are to meet at the office of the company, in the city of Carlisle, on the 1st day of January, 1858.

David Bailey, William J. Organs, Michael Connelly, John H. Corson, Lewis Hyer, Dr. Henry H. Meeker, J. H. Moseley, J. H. Brandt, Joseph Wickens, and J. H. Moore, are the commissioners.

The rates of insurance are as low and favorable as any company of the kind in the State. Persons wishing to make application for a policy, may do so by calling at the agents of the company, who are willing to warrant them at any time.

DENJ. H. MOSELEY, President.

CHRISTIAN SEAYLAW, Vice-President.

MICHAEL COCKLIN, Treasurer.

JOHN HYER, Secretary.

JUST RECEIVED AND OPENING AT NAUCLAS JEWELRY STORE, Main Street, Carlisle, Pa.

A large supply of White Gold and Silver Jewelry, and Open and Plain Watch Cases to suit all Purposes.

NAUCLAS'—Fine and Cheap Jewelry of every style and quality to set by the place as wanted.

NAUCLAS'—Silver and Plated Watches, Case, Fob, Fleur, and Card Baskets, Silver, Table, Tea, Cream, Sugar, and Dessert Spoons.

NAUCLAS'—Pearl, Coral, Cameo, Goldstone, Mosaic, Pemino, Mosaic, Jet Box and Glass and Crystal.

NAUCLAS'—Diamond Brooches and Earrings.

NAUCLAS'—Gold Hunting Case, Eight Day, Gold Hunting Case, Eight Day, Gold Hunting Case, &c., &c.

NAUCLAS'—Gold, Diamond, Ruby, Emerald, Garnet, &c., &c.

NAUCLAS'—Diamond and Gold Rings.

NAUCLAS'—Diamond and Gold Bracelets, Lockets, Thimbles, Crosses, Charms, &c., &c.

French Time Piece to run three months.

NAUCLAS'—Gold, Steel, Vest, Collar, and Shirt, suits of all styles and qualities.

NAUCLAS'—Plated Forks, Spoons, Knives, Napkin Rings, Silver, Shields, &c., &c.

NAUCLAS'—Silver, Gold, and Platinum Jewelry.

NAUCLAS'—If you want to get a Cheap Check, you can get it at NAUCLAS'.

If you want your Silver well marked at short notice, call at NAUCLAS'.

All goods warranted as represented, or the money refunded.

Persons who want bargains are invited to call at NAUCLAS'.

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