

## On the Farm.

### SEED GERMINATION.

All sound seed germinates under conditions which give simultaneously, and in the right proportion a supply of air, moisture and heat.

The best time to plant or sow is that which effects the quickest coming up of the seed, and its strong subsequent growth, the air and round must be warm enough for the seeds to germinate.

Hastening the coming up of the seeds is of great advantage, as the plants grow up in advance of the weeds, which lightens the labor of keeping the field clean.

Manuring the seed by steeping induces a quicker and stronger growth of the plant in the first 14 days, laying a sure foundation for a subsequent growth and enables it to quickly outgrow dangers from insects.

The infancy of a plant is its critical period. Seed manuring supplies the nutritive properties directly to the young plant at the time when its organs are yet unfit to seek its proper nutriment over a wide range of soil.

The vigorous development of the plant while young, is, moreover, a sure guarantee of its full perfection and ripening.

### HEIFER CALVES.

Female calves are our dairy recruits and on their proper rearing largely depends their future usefulness. Some dairymen of scant experience imagine that when a calf develops into the proportions of a cow, no matter what vicissitudes she encounters during her growth, she is then ready to become a paying animal. Dairymen should banish such false notions from their heads if they desire to possess sows of any merit. Remember that calves cannot be raised too well. It pays to force their growth all that you can. Do not slop them much with sour whey or old buttermilk. Feed both to them in a fresh state. They should have the free run of a partially shaded pasture, in which there is a good growth of mixed grasses, containing some clover. Offensive surroundings, like proximity to a barnyard or stable, is inimical to the healthy development of growing calves.

Sweet skimmed milk as it comes from the separator or creamery will make bone and sinew for calves, especially if a little oil meal be added to it.

### DESTROY BLACK ANTS.

When your fruit trees lose their bark near the ground, look out for black ants. These pests will eat off a girdle of bark next to the soil. Frequent inspection should be made. If the ants are found, trace them to their nest, which will not be far from the trees they are attacking. Having found their nest, you can kill them with bisulphide of carbon. Pour some of the poison into the entrance of the nest, cover the nest with a thick cloth, so weighted down with stones that the gas formed cannot escape. The gas formed by the evaporation of the bisulphide of carbon is much heavier than air, and, therefore, it will sink into the nest, displace the lighter air, and suffocate the ants. Even the ordinary conical ant hill can be cleaned out by this method. Another way to destroy an ant nest is to pour kerosine or gasoline into the heap, let it spread through the mass and then fire it. Sugar will attract the ants. Scatter it freely about the nests. When the second ration of sugar is scattered mix a little arsenic with it. The ants cannot distinguish between the arsenic and sugar, and the diet will do them up. The best way to fight ants is the way that will kill the workers and destroy the eggs at the same time. The firing method will accomplish this.

### POULTRY POINTERS.

Air out that hen house. A comfortable hen is generally a profitable hen. Shade during the hot weather is very important.

Remember that a thoroughbred male is half the flock.

Before saying that poultry on the farm doesn't pay think twice.

Give fresh and clean water to the fowls several times a day and especially let the first drink in the morning be clean water. Water standing over night or for part of a day is liable to be full of dust, poison and parasites. These are not good for chickens.

Eggs under the hen will range in temperature from 100 degrees for

# SALADA

## CEYLON GREEN TEA

will displace all Japan Tea the same as Salada black is displacing all other black teas.

those on the outside to 105 degrees for those in the center of the bunch. The hen shifts the eggs from the center to the sides, besides turning them over once or twice a day.

Poultrymen who are looking for a duck should not overlook the Rouen duck. The Rouen is a large bird, is a prolific layer of green and white eggs, is not timid, is a good brooder, and produces rich, juicy flesh.

The parts of the incubator nearest the lamps will be the warmest parts. If the incubator be in a cold room, it will require care to keep the temperature even throughout the egg chamber.

Incubators cannot be successfully used unless the grower will shift the eggs every day, besides the mere reversing of the trays. Shifting will aid to bring an even hatching.

If the legs of your hens are persistently scaly, dust them thoroughly, daub the legs with lard and sulphur, and keep up the treatment until the legs are smooth.

Chickens like and will thrive on sweet milk. Use glass or glazed feeding vessels, and be sure that the vessels are not covered with soured milk.

Soft food is necessary for chicks. All soft foods, especially starchy ones, ferment quickly. Therefore watch carefully.

Never put eggs under a scale-legged hen.

# BRIGHT'S DISEASE

is the deadliest and most painful malady to which mankind is subject. Dodd's Kidney Pills will cure any case of Bright's Disease. They have never failed in one single case. They are the only remedy that ever has cured it, and they are the only remedy that can. There are imitations of Dodd's Kidney Pills—pill, box and name—but imitations are dangerous. The original and only genuine cure for Bright's Disease is

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Dodd's Kidney Pills are fifty cents a box at all druggists.

### CHURCH OF FOUR STEEPLES.

The German Architect's Funny Story of His Experience [With the Officers of a Texas Baptist Church.

The chief engineer's draughtsman, Mr. Bock, was a severe-looking German, who rarely cracked a smile, and more rarely told stories. When not otherwise engaged, his favorite occupation was to keep his limekiln going; in other words, to stuff and light his pipe. One evening, when the stock of camp lore was near low-water mark, he was, after much persuasion, induced to unbosom himself.

"Dere isn't much to tell. I came 'to Texas fifteen years ago, and as I didn't know a vord of English, vent to San Antonio to look for a job. I am an architect and vorked for von old German rascal two years for \$15 a mont und board. I hot to make all de designs and calculations, but I vas so green dot it dook me two years to find out dot my vork vas vorth more money. Den I got mat und quit und hung out my own sign.

"In tree days I got my first independent job. It vas a blan for a Baptist church in a town sixty miles from de railroad. I made a very fine blan of von imitation Gothic church, vit von fine decorated shteeple, und den I took my book of designs und de blan und vent to dat town to see de deacons. Dere vas only five deacons, but dey made me trouble enough for a dozent. Von deacon he liked de shteeple very much, und tree didn't vant any chincherbreut vork on it at all. De oder deacon didn't care about de shteeple, but said dat de roof vas too shteeple, und de breacher said dat my bulpit vas al-right for a Catholic Church, but not for a Baptist Church. De five deacons vas rich gattelman und made a great deal of fuss about de blan, und be-

fore the meeting vas over dey got to fighting about it. I couldnt swear like dem fellers if I tried a hundred years. Von got shot in de arm, und de breacher he got a black eye, vich vas intended for anoder man. I jumped oud of der vinder und run to de hotel, but as I couldn't get a hack dat evening I hat to stay in town. De gongregation vas getting egoided, too, und I vas very anxious to get back to mine sick vife, vich I haven't got yet.

"About 6 o'clock next morning de deacon vat vas shot in de arm, came to my room und asked me if I could make a blan for anoder kind of shteeple. I showed him my design book, und ven he saw de picture of de minaret on a Turkish musk, he vas vild vit delight. "Dot's choost vat I am looking for; put dat in de blan." Den came anoder deacon, und told me he didn't like six-cornered or round shteeples; he vant a good Hard-shell Baptist tower vit four corners, I found von in de book dat suited him egzactly. "Put dat on de church, says he, und goes downstairs. Before I could get to breakfast in comes anoder deacon und said he didn't vant no candle extinkwishers on de church, und selecting a high, slender shteeple from de book, he told me to put dat in de blan.

"Vile I vas talking vit dese fellers de stage started for San Antonio und I vas awful anxious to see mine sick vife. Dey notified me dat dey vould hold anoder meeting dat afternoon. I vent to bed, sent dem my design book und asked to be excused, as I wasn't feeling vell. Dey nearly had anoder fight, but de breacher he got dem to gompromise, und I got de order to change the blan. I put tree different shteeples und one minaret on dat church, und I just got the blan finished ven in comes de last deacon und vants de roof changed, und de breacher vouldn't breach unless I changed de bulpit. I changed dem.

"Ven you go down to dat town, you will find a vooden Gothic church on a stone foundation, vit a French mansard roof, a Gothic steeple, a Turkish minaret, und dwo oder kinds shteeples, und a bulpit dot looks like de desk of a chustice de peace. Dey paid me \$150 for de job, und dey vas so vell satisfied dat dey vant to put my name on the corner stone as architect. I paid the stone cutter \$5 to forget all about it.

"A gompromise is a grand ding—sometimes."

### LAW ON BABIES' FOOD.

It is not generally known that in France it is a penal offence to give any form of solid food to babies under a year old, unless it be prescribed in writing by a properly qualified medical man. Nurses are also forbidden to use for their charges any sort of feeding-bottle having a rubber tube. These and other equally stringent laws have recently been enacted by the French Government, for, in despair of increasing the birth-rate of the country, they are now doing their utmost to save the lives of the comparatively small number of babies who are born.

### A GIGANTIC WORKSHOP.

The greatest workshop in the world is that of the famous Krupp at Essen. It employs between 20,000 and 25,000 hands, nearly all of whom reside in dwellings belonging to the firm. In the great mill of Essen are 1,195 furnaces of various kinds; 286 boilers; ninety-two steam hammers of from 200 lb. to 10,000 lb.; 370 steam engines, with a total of 37,000 horse-power; 1,724 different machines, and 361 cranes. The eleven high furnaces produce about 600 tons of iron daily, and 2,735 tons of coal and coke are used each day for fuel.

### EVAPORATION FROM TREES.

Some curious facts concerning trees have been discovered. A single oak of good size is said to lift 123 tons of water during the months it is in leaf. This moisture is evaporated and rises to form rain clouds. From this estimate of the labor of a single oak we can gain some idea of the immense force which the forests exert in equalizing the evaporation and precipitation and preventing periods of inundation and drought.

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### "A Man's a Man for a That."

Even if he has corns on both feet. But he is a stronger, happier, and wiser man if he uses Putnam's Painless Corn Extractor and gets rid of the unsightly corns painlessly and at once.

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The trunk of the elephant has no fewer than 4,000 muscles—at least, so said Cuvier, the famous comparative anatomist. The whole of the muscles of a man's body added together only number 527.

### MONTREAL HOTEL DIRECTORY.

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### LOUD CHEERS.

Men of Rugby, cried the aspirant to political honors, if you are so backward in coming forward we shall be all behind, as we were before! Then he sat down.

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