CULTURAL DEPARTMENT.

from meat should on no be left ... stock of any kind can have ac- ...

... hellebore is the best sure de- ... agent to the currant and ... worm.

... is offen made of a little ... that destroys the flowers of ... Pyrethrum or insect powder ... destroy it.

... louse bug can be destroyed by an ... of insect powder by water, ... the powder over the plants ... with a bellows such as are ... for this purpose. The same reme- ... efficient in the destruction of the ... cabbage worm.

In selecting seed corn, it is best to ... the land on which it is to be grown. ... land is rich and warm, plant as ... corn as is sure to ripen. If cold ... deficient in fertility, plant a small- ... Whether large or small, white ... yellow, be sure that the land is ...

Cut worms are often destructive in ... fields during this month; one of ... best ways to manage them is to mix ... part of Paris green or London pur- ... with twenty parts of flour, and dust ... over some young cabbage leaves, ... place these along through the field ... west, turning the powdered side ...

An Ohio fruit grower, who seems to ... conquered the mildew which is ... an obstacle to the culture of goose- ..., thinks his success is due to ... the plants open in the center ... trimming. As soon as the plants start ... with in the Spring he dishoels to ... a dense growth, and to admit a ... circulation of the air.

The Poultry Keeper advises poultry ... that they should never seek a ... for their poultry between No- ... 15 and January 15. The com- ... mission houses are crowded and trade ... depressed by the volume of receipts at ... seasons. Poultry raisers should bear ... these things in mind and arrange to ... some the better rates to be had in Sep- ... ember and October.

When you set a hen sprinkle a table- ... spoonful of sulphur in the nest. The ... fine powder repels lice, and also keeps off ... body lice. The best cure for the latter ... disease, which is caused by a minute ... parasite, is to dip the fowl's feet and ... legs, to beyond, or rub them with a ... sponge dipped in the oil. Two ... applications, three or four days apart, ... are generally sufficient.

A Georgia man has invented a new ... seed tray, which is not protected by ... patent. He took a keg and filled it ... about half full of water and placed cot- ... ton seed on top of the water, which ... floated on the surface. He then sprink- ... led meal on top of the cotton seed and ... placed the keg in his barn. Next morn- ... ing he emptied his keg of 100 drowned ... rats!

A cherry tree stood in the way of a ... German railway extension that is being ... pushed at Neiderlahnstein, and the ... owner asked about $800 for the tree.— ... Experts were appointed, and he then ... showed that it had for years yielded ... him crops of which sold for sums ... equivalent to the interest on the amount ... named. They finally agreed to award ... him $700, and the tree had to go.

The food of young goslings should be ... rather bulky and soft. An excellent ... mixture is ground meat scraps, corn ... meal, bran, middlings and ground oats, ... scalded and mixed with the same quan- ... tity of mashed potatoes or turnips, with ... chopped onions or grass added. A ... little bone meal or milk will also be ... of assistance, and when a month old ... they will require nothing from the ... owner but a feed of mixed grain at ... night.

During the present month and the ... following one the insect pests will give ... much trouble, and their destruction ... should be accomplished promptly. The ... green fly on house plants and roses in ... the open ground can be destroyed by ... syringing with weak tobacco water—a ... mixture in hot water or soft soap and a ... small quantity of tobacco juice is excel- ... lent. In the case of house plants the ... green fly can be destroyed easily by ... smoking them with tobacco smoke, the ... plants being inclosed in a box or small ... room. Or the plants can be dipped or ... immersed in weak tobacco water. Af- ... ter either of these operations, syringe ... the plants with clear water.

Mealy bugs can be destroyed by use ... of a kerosene emulsion; an easy way ... of preparing it is to churn up equal ... quantities of kerosene and sour milk, ... and this can be well done with an egg- ... beater. Then use a table-spoonful of ... the mixture to a pailfull of water. The ... same preparation can also be used suc- ... cessfully against cabbage and currant ... worms. It has also been employed sat- ... isfactorily for the destruction of the ... squash bug. For this insect it needs to ... be thrown upon the plants with consid- ... erable force, such as can be given with ... a hand force-pump; when merely ... sprinkled on, it fails to reach the un- ... der sides of the insects, where it effects ... them.

President McCann, of the Elmira Farmers' Club, says blackbirds may be kept from corn by his method, which is to put half a pint of gas tar in a half barrel, then put in warm water enough to cover to the depth of an inch or two as much seed as one wishes to coat.—Stir the water, seed and tar vigorously and in a little while every kernel will have a light coating of tar. It can then be taken out in a basket to drain, after- ward rolled in paste. When planted there need be no fear that much of it will be pulled out by birds. If seed corn is to be tarred to prevent it from being eaten by insects or birds it should be first soaked so that the grains have enough moisture inside to sprout them. A very slight coating of tar will exclude water, and sometimes entirely prevent germination. In any soaking of corn the water must be kept warm. If left to get cold the vitality of the seed is impaired.

Chicago handled 7,000,000 hogs, more than 2,000,000 cattle, and 139,000,000 bushels of grain last year.

Sow the Canada pea for the hogs.—Two bushels to the acre on good land.

LOST.

Somewhere along the path of dead and van- ished years
A treasure I have lost, one prized and dear to me,
And no matter I have searched, and searching wept and tears,
And pondered, questioning why this weary loss must be.

Contentment is the name that my lost treas- ure bears,
An amulet I wore close to my happy heart,
And all my gathered sheaves I only count as tears,
Since of my harvest home this is no more a part.

It blesst my days of toil and sanctified each hour,
Made hopeful morn—made even sweet with holy calm,
And slept unconscious, lost in its strange power,
Became a benediction, a constant healing balm.

But it is lost, and when my anxious day is done,
And work is laid aside, hands folded for the night,
With haunted sleep and dreams, and rest but feebly won,
I watch for morning's earliest quivering light.

And when the day is come it brings no glad dening boon,
But comes with heavy hands—with bur- dens laden down
And then I work and wait and wish for noon,
And then for night's gray darkness, set- ting like a frown.

Some prize have I gained and some ambi- tions reached,
But O, at such a fearful, sad and wasting cost!
With heart a-hungered and with face bear- bleached
My soul keeps marching on for that which is lost.

The Greatest Clock in the World.

The famous clock of Strasburg is put completely into the shade by the great world clock, or the 10,000 year time in- dicator. It was constructed in Ger- many, during many years' labor, by Mr. Christian Martin, clock-maker. The clock marks the years and leap-years, and will run for a hundred centuries, when its mechanic works will have to be changed. The face of the clock is about ten feet square, and has a large number of dials and little niches, where one hundred and twenty-two little fig- ures have their abiding place. These latter are to allegorize human life. Every minute a sorrowful looking angel hits a bell with a sledge hammer. When he has done this fifteen times another angel in a red robe strikes the first quar- ter. The genius, dressed in Louis XIV costume, turns a dial so that the future is shown. At the same time the figure of a child appears at a lower door. At the second quarter a youth appears, at the third a middle-aged man with spec- tacles and a high hat, and at the fourth a decrepit old wreck with a white wig. While all this is going on below, Death, in the shape of a Comanche Indian with wings, has been vainly endeavoring to hammer a bell in an upper niche, but an angel has headed him off in every case and protected the human family by raising the right hand in an allegorical relation,' as per program, until the forth quarter. Then death gets the bet- ter of the struggle, strikes the hour, and bundles the old man off into eternity.

The twelve Apostles are trotted out each hour. Above them is a figure of Christ, who blesses with both hands each Apostle in passing with mathe- matical exactness. At morning, noon, and night a number of bell ringers ring their respective bells with vindictive energy, and an old man drops upon his knees, as if something had kicked his legs out from under him. All these and many other wonders exposing the fami- ly secrets of the zodiac, the heathen gods, the seasons, the moon, and the globe all run regularly. The whole structure is surmounted by a cock, which crows at six and twelve o'clock.

Why Are Skins Tanned?

If a fresh animal skin is laid in a damp and warm place, it will, in time, decay. Skin consists largely of gelatine or glue; there is more or less fat adher- ing to the lower side, and some kind of hair upon the upper surface. After the skin has been deprived of fat and hair by lime-water and scraping, it is placed in vats of tan-liquor. This is usually made of oak bark. The active princi- ple in the oak bark is tannin, or tannic acid, which abounds in gall-nuts and other vegetable substances that have an astringent or puckery taste. If you add a solution of tannic acid to one of glue, (gelatine) that will turn cloudy, and in time will deposit a substance which is the tannate of gelatine—or leather. The skins in the tan liquor absorb it, and the gelatine slowly unites with the tannic acid in the liquor, and the whole skin is changed to leather. It will not now putrify, nor dissolve in hot water, and has become a very different sub- stance. Skins are also preserved with- out the use of oak-bark, or any other substance containing tannin. Such skins are not properly tanned, but are tawed. In this operation, alum, salt, and other like substances are used to preserve the gelatine of the skin. Still another method of preserving skins is be oil, which is used in some kinds of leather.

Undigested Food.

In the stomach develops an acid which stings the upper part of the throat and palate, causing "heartburn." It also evolves a gas which produces "wind on the stomach," and a feeling and ap- pearance of distention in that organ after eating. For both this acidity and swelling Hostetter's Stomach Bitters is a much better remedy than alkaline salts, like bartshorn and carbonate of soda. A wine-glassful of the Bitters, after or before dinner, will be found to act as a reliable carminative or preven- tive. This fine specific for dyspepsia, both in its acute and chronic form, also prevents and cures malaria fever, con- stipation, liver complaint, kidney trouble, nervousness and debility. Persons who observe in themselves a decline of vigor should use this fine tonic without delay.

The demand for young men to take charge of creameries at the South is so great that the Mississippi Agricultural College is forming a class for special in- struction in this industry.

"Rough on Rats."

Clears out rats, mice, roaches, flies, ants, bed-bugs.

Heart Pains.

Palpitation, impaired breathing, dizziness, in- digestion, nervousness, relieved by "Wells' Health Renewer."

"Rough on Corns."

Ask for Wells'. It makes the tender. Quick, complete cure. Hard or soft corns, warts, bunions.

"Buchu-Paiba."

Quick, complete cure, all annoying kidney, bladder and urinary diseases, scalding, irritation, stone, gra- el, catarrh of the bladder. $1, druggists.

Bed-Bugs, Flies.

Flies, roaches, ants, bed-bugs, rats, mice, gophers, chipmunks, cleared out by "Rough on Rats." 15c.

This People

Use Wells' Health Renewer, restores health and vigor, cures dyspepsia, biliousness, nervousness, debility, $1.

"Rough on Pain."

Cures cholera, colic, cramps, diarrhœa, aches, pains, sprains, headache, neuralgia, rheumatism. 25c. Rough on Pain Plaster, 15c.

Mothers.

If you are failing, broken, worn out and nervous, use "Well's Health Renewer." $1. Druggists.

Life Preserver.

If you are losing your grip on life, try "Wells' Health Renewer." Goes direct to weak spots.

"Rough on Piles."

Cures piles or hemorrhoids, itching, protruding, bleeding, internal or other. Internal and external remedy in each package. Sure cure, 50c. Drug- gists.

Pretty Women.

Ladies who would retain freshness and vivacity, don't fail to try "Well's Health Renewer."

"Rough on Itch."

"Rough on Itch" cures humors, eruptions, ring- worm, tetter, salt rheum, frosted feet, chilblains.

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Corrects offensive odors at once. Complete cure of worst chronic, also acute catarrh as sample for diphtheria, sore throat, foul breath. 50c.

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