



COVER CROPS FOR ORCHARDS.

Cowpeas and oats have been used very satisfactorily for cover crops in the apple orchard. Rye and wheat made heavy growth, but were somewhat difficult to kill in the spring, and therefore not as satisfactory as either cowpeas or oats.

CELERY-GROWTH.

Celery is a crop which require very rich land. But it will bear farther carrying than any other market crop. A good deal of the Eastern cities is grown in the West, on rich soil, and it can be sold here at a profit. It can be grown on a large scale.

BIRDS ON A FARM.

It is desired to protect his property against insects should obtain a small share. A robin consumes forty per cent. of its own weight in its first stages. A pair of robins having a nest of young ones would perform a vast amount of work in a season, as each pair will sometimes raise two broods.

USE OF DEAD LEAVES.

I notice a great many farms and town people burn the leaves in the fall after the frosts. If they would use the leaves as a mulch for the strawberry beds, or spade them under the vegetable garden in fall, or even throw them in the chicken yard and scatter grain on same, and watch the chickens scratch to get the food, they would be paid for the trouble.—C. H. Warner.

SOAPSUDDS USEFUL.

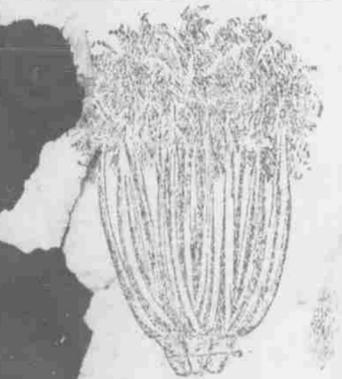
Soaps are made mostly from soda instead of potash, the soda soaps being hard and potash soaps soft. Soap sudds, therefore, contain very little, if any, potash, but serve to prevent insect attacks to a certain extent. Some plants, like celery and asparagus, seem to thrive when treated occasionally with soap sudds, which is probably due to the fact that soda is beneficial to such crops.

VINE THRIPS, OR LEAF HOPPERS.

From midsummer to autumn in increasing amount the leaves of grapes are affected by a little jumping insect, commonly known as the thrips, or leaf hopper, which works in enormous numbers on the under side of leaves, causing them to appear blotched and scorched or covered with little yellowish or brownish patches and eventually drop, curl and fall. The depredator is a very minute insect, not exceeding one-eighth of an inch in length, and has a peculiar habit of running sideways when disturbed, like a crab, and dodging from one side of the leaf to the other. It jumps vigorously like a flea, but also takes flight, rising in swarms when the vines are shaken. If examined without being too much disturbed they will be noticed thickly clustered over the under surface of the leaves, busily engaged in sucking the juices of the plant. Any remedy is of little avail. An exchange advises to spray with kerosene emulsion early in the morning or late evening when weather is cool. It is said that the emulsion "should be diluted with fine parts water."—Cultivator.

FINE VARIETY OF CELERY.

Celery growers who have not raised the Giant Pascal have missed one of the best sorts on the market. The stalks grow to good size, being broad, thick and crisp and entirely free from stringiness. They grow about two feet



VARIETY OF CELERY.

and the flavor is sweet and nutty. It has the merit of being raised easily and cheaply, which will be appreciated. For late use celery may be raised to the middle of August, the best plants needing, of course, the cutting off and final bleaching in the fall when grown in cold sections. An expert grower says that he places bleaching boards around the newly set plants so that the sun will not hit them. These boards are removed after the plants get well started.

Some has a water supply of 20,000,000 gallons a day. London has 100,000,000 and Paris 50,000,000.

GERMANS AWAY FROM HOME.

In Great Britain and the colonies live 150,000 Germans, as against 120,000 in Austria, 112,000 in Switzerland, 100,000 in Russia and 90,000 in France.

Chrysanthemums.

Among flowers the chrysanthemum is said to live the longest after being cut.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Mail's Catarrh Cure.

F. J. CHENEY & Co., Toledo, O.

We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WALKER & TAYLOR, Wholesale Druggists, Toledo, O.

WALDING, KENNAN & MARVIN, Wholesale Druggists, Toledo, O.

Lull's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price, 75c per bottle. Sold by all Druggists. Mail's Family Pills are the best.

Damascus now contains about the same number of Jews that it had in the time of St. Paul. In the middle of the first century of our era some 10,000 Jews lived in Damascus and were governed by an Ethnarch; the present Jewish community is computed at about 11,000.

Why Do We Die?

Vital statistics classified show the respiratory organs to be the feeble point in man. Diseases of the lungs are out of all proportion in fatality. Take Taylor's Cherokee Remedy of Sweet Gum and Mallein for coughs, colds and consumption.

At druggists, 25c, 50c, and \$1.00 a bottle.

Only one out of every 1000 married couples live to celebrate their golden wedding.

FITZGERALD'S CURE. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer, 221 Arch St., Phila., Pa. Dr. R. H. KLINE, Ltd., 231 Arch St., Phila., Pa.

Coffee has been cultivated in Venezuela only since 1879.

Mrs Winslow's Soothing Syrup for children's teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25c a bottle.

The legislative period of a German Reichstag is five years in duration.

I do not believe Pisco's Cure for Consumption has equal for coughs and colds.—JOHN E. BOYER, Trinity Springs, Ind., Feb. 15, 1900.

To keep the whole German Army in the field for a week would cost \$30,000,000.

PUTNAM FADELESS DYES color more goods, brighter colors, with less work than others.

It is a notable fact that most of the subjects of King Edward are Hindus.

Southern Tobacco Works, Bedford City, Va., wants three or four reliable travelling salesmen in each state. Reasonable pay to new men who want to work up.

The electric roads of the United States carried last year three times the population of the earth.

Asthma

"One of my daughters had a terrible case of asthma. We tried almost everything, but without relief. We then tried Ayer's Cherry Pectoral, and three and one-half bottles cured her."—Emma Jane Entsminger, Langsville, O.

Ayer's Cherry Pectoral certainly cures many cases of asthma.

And it cures bronchitis, hoarseness, weak lungs, whooping-cough, croup, winter coughs, night coughs, and hard colds.

Three sizes: 25c, 50c, \$1. All druggists.

Consult your doctor. If he says take it, then do as he says. If he tells you not to take it, then don't take it. He knows. Leave it with him. We are willing.

J. C. AYER CO., Lowell, Mass.

CAPUDINE CURES INDIGESTION and ACIDITY

It acts immediately—you feel its effects in 15 minutes. You don't have to wait a week to know its good. It cures by removing the cause. 10 cents.



Ripans Tablets are the best dyspepsia medicine ever made. A hundred millions of them have been sold in the United States in a single year. Every illness arising from a disordered stomach is relieved or cured by their use. So common is it that diseases originate from the stomach it may be safely asserted there is no condition of ill health that will not be benefited or cured by the occasional use of Ripans Tablets. Physicians know them and speak highly of them. All druggists sell them. The five-cent package is enough for an ordinary occasion, and the Family Bottle, sixty cents, contains a household supply for a year. One generally gives relief within twenty minutes.

Some has a water supply of 20,000,000 gallons a day. London has 100,000,000 and Paris 50,000,000.

afflicted with Thompson's Eye Water

BREEDING CORN.

New Varieties Adapted to Certain Conditions.

Among the most interesting propositions for the increasing of returns to corn raisers is one that is being carried on in a successful and practical method by the Funk Brothers, of Bloomington, Ill.

These gentlemen are breeding corn upon their large tract of land, consisting of 2,500 acres in one body near that city. The idea which they are putting into effect is to increase the returns from their corn lands both by increasing the yield and increasing the feeding value of their corn. They are taking up this matter of breeding corn, which was inaugurated at the Illinois experiment station, and demonstrated to be both practical and profitable by Prof. C. G. Hopkins and A. R. Shamel. By this system of breeding, which is in effect seed selection, they are selecting those strains of corn which show the greatest yield, and have already produced a strain of corn that out-yields the ordinary type to a considerable extent.

The varieties started with were those recognized by the Illinois Seed Corn Breeders' Association, and which have been bred for many years by old and successful corn breeders.

For example: The Reid's yellow dent has been bred for almost fifty years by the Reid family, formerly of Delevan, Ill., and perhaps has its characteristics fixed to a greater degree than any of the other varieties. Also the Leaning is another variety which was originated in 1826 by J. S. Leaning, of Ohio. The Boone County white is another variety of corn grown upon these farms, and was originated in Indiana by Mr. Riley.

A complete chemical laboratory has been established by this firm, in which samples from many thousand ears of corn are analyzed, and those ears showing the greatest amount of oil, or protein, are planted in separate breeding blocks, one ear being planted to a single row, and these single rows are harvested separately, and from the corn raised from these mother ears is selected by analysis that which is highest and planted by itself another year. These breeding blocks are completely isolated from any other corn, and are thus kept pure.

It is really remarkable that until recently but little systematic or scientific effort has been put forth to improve the greatest staple crop and money producer of the United States.

It is now recognized that it is just as practical to breed corn for certain purposes and to increase its yield as it is to breed horses for certain qualities, either for drift, or speed, or to breed cattle either for the dairy or the block. In all instances this is accomplished by selection, as the fundamental principle of heredity is that "like begets like."

Another important feature in this corn breeding is that there is a large per cent. of barren stalks in the average corn field. Under the Funk Brothers' system of breeding these barren stalks are detasseled before any pollen is permitted to fertilize the silks of fruitful stalks, and already they have reduced the per cent. of barren stalks quite perceptibly.

The chief underlying principle of the corn breeding operations of this company is to increase and fix the prepotency of the various strains of corn which they are breeding—prepotency meaning the power to transmit desirable characteristics to future generations.

Being situated in the heart of the corn belt, with ample capital and land to carry on their operations, and with a trained corps of chemists and agriculturists, this company is inaugurating a movement that will be of great benefit to the corn raisers of the world.—Chicago Record-Herald.

A POSSIBLE CONTINGENCY.

"Remember, my boy," said the old man to his son who was about to join the army, "never talk back to your officers."

"But, father," inquired the young American anxiously, "supposing they talk back to me?"—Syracuse Herald.

POETRY vs. PROSE.

"Oh, for the wings of a dove!" sighed the poet with the unbarbered hair. "Order what you like," rejoined the prosaic person, "but as for me, give me the breast of a chicken."—Chicago Press.

4,000,000 PEACH TREES TENNESSEE WHOLESALE NURSERIES.

Jane Buds a Specialty. No agents traveled but sell direct to planters, at Wholesale Prices. Absolutely free from disease and true to name. Write for catalogue, and prices before placing your orders elsewhere. We guarantee our stock to be true to name. Largest peach nursery in the world. Address, J. C. HALE, WINCHESTER, TENN.

PISCO'S CURE FOR CONSUMPTION

WHERE ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.

GRATEFUL, HAPPY WOMEN



Miss Muriel Armitage.

Thank Pe-ru-na for Their Recovery After Years of Suffering.

Miss Muriel Armitage, 36 Greenwood Ave., Detroit, Mich., District Organizer of the Royal Templars of Temperance, in a recent letter, says:

"I think that a woman naturally shrinks from making her troubles public, but restored health has meant so much to me that I feel for the sake of other suffering women it is my duty to tell what Pe-ru-na has done for me.

"I suffered for five years with uterine irregularities, which brought on hysteria and made me a physical wreck. I tried doctors from the different schools of medicine, but without any perceptible change in my condition. In my despair I called on an old nurse, who advised me to try Pe-ru-na, and promised good results if I would persist and take it regularly. I thought this was the least I could do, and procured a bottle. I knew as soon as I began taking it that it was affecting me differently from anything I had used before, and so I kept on taking it. I kept this up for six months, and steadily gained strength and health, and when I had used fifteen bottles I considered myself entirely cured. I am a grateful, happy woman to-day."—Miss Muriel Armitage.

Pe-ru-na cures catarrh of the pelvic organs with the same surety as it cures catarrh of the head. Pe-ru-na has become renowned as a positive cure for female ailments, simply because the ailments are mostly due to catarrh. Catarrh is the cause of the trouble. Pe-ru-na cures the catarrh. The symptoms disappear.

Female Weakness is Pelvic Catarrh.

Always Half Sick Are the Women Who Have Pelvic Catarrh.

Catarrh of any organ, if allowed to progress, will affect the whole body. Catarrh without nervousness is very rare, but pelvic catarrh and nervousness go hand in hand.

What is so distressing a sight as a poor, half-sick, nervous woman, suffering from the many almost unbearable symptoms of pelvic catarrh? She does not consider her-

self ill enough to go to bed, but she is far from being able to do her work without the greatest exertion. This is a very common sight, and is almost always due to pelvic catarrh.

It is worse than foolish for so many women to suffer year after year with a disease that can be permanently cured.

Pe-ru-na cures catarrh permanently. It cures old chronic cases as well as a slight attack, the only difference being in the length of time that it should be taken to effect a cure.

If you do not derive prompt and satisfactory results from the use of Pe-ru-na, write at once to Dr. Hartman, giving a full statement of your case and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

DR. THACHER'S LIVER AND BLOOD SYRUP

has been used in thousands of families for fifty-two years. Cures CONSTIPATION, Liver or Kidney Troubles AND MAKES PURE BLOOD.

If you have never tried it a sample bottle will be mailed to you, free of charge, upon request. For sale at all dealers THACHER MEDICINE CO., - - - Chattanooga, Tenn.



WE OFFER Fresh Packed Oranges \$1.75 PER BOX f.o.b. at Kissimmee from now until December 20th. Cash with order.

WANTED—20,000 pounds Dressed Cat-Fish daily. Correspondence solicited.

We pay the Highest Cash Price for Otter Furs, Raccoon Skins and Alligator Hides. Ship us your furs.

W. B. MAKINSON CO., KISSIMMEE, FLA.



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STUART-ROBSON PECAN CO., Kirkwood, Ga.



BEST FOR THE BOWELS. GUARANTEED CURE for all bowel troubles, appendicitis, biliousness, bad breath, bad blood, wind on the stomach, bloated bowels, foul mouth, headache, indigestion, pimples, pains after eating, liver trouble, sallow skin and dizziness. When your bowels don't move regularly you are sick. Constipation kills more people than all other diseases combined—it starts chronic ailments and long years of suffering. No matter what ailments you are suffering with, CASCARETS today, for you will never get well and stay well until you have taken the right medicine. Take our advice, start with Cascarets today under absolute guarantee or money refunded. The genuine tablet stamped C.C.C. Never sold in bulk. Send for booklet free. Address: St. Louis, Mo.