

Tree trimming is in order, and many large limbs will be cut off unavoidably. No stump should be left, but the cut should be made close to the trunk and the wound should be painted thoroughly after as it has seasoned for a few weeks. Left to decay in the weather it will soon admit water to the heart of the tree, when rapid and certain destruction follows.

Some people make the mistake of painting the wound as soon as it is made. Paint and oil cannot adhere to a wet surface, but will peel off, or will let sap and water blister beneath it. and very soon the application is valueless .- New York World.

REMEDY FOR ROUP IN FOWLS.

This disease is exceedingly contagious, and is similar in every respect to the diphtheria of persons. It arises from the same causes, viz., poisoning by bad air or dampness, by which the germs of the disease are encouraged. The remedy lies, first, in removing the cause, making the poultry house clean and dry, and keeping it as warm as may be. The sick birds are treated by giving doses of powdered chlorate of potash, one small pinch of it being dropped in the throat twice a day. The swelled heads are bathed with warm vinegar, and the mouth and throat washed by means of a soft feather. The house should be well general use. disinfected by burning sulphur in it during the day, keeping it tightly closed for an hour or two while the fumes of the sulphur are acting. All dead birds should be buried deeply, away from the house. - New York

TEACHING CALVES TO DRINK.

According to F. E. Emery, Agriculturist at the North Carolina Experiment Station, the successful calf feeder will use more tact than force in teaching a calf to drink. He will never allow a foolish calf to betray him into a passion or display of brute force. Do not allow the calf to suck the whole hand or a single finger, but placing the palm of either hand over its nose, gently bring it to the milk held in a convenient sized pail in the other hand. By separating the fingers hold back the sides of the tongue and insure the entrance of milk when the calf sucks.

If the milk is warm there will be less trouble, then give the calf more, or less, of the two fingers, according to the success in keeping it interested to the success in keeping in the milk. When the calf is doing well the fingers will scarcely be touching its tongue or lips. If it acts badly give the fingers to suck and contrive to let in a dash of milk so a sup now and then will encourage the calf to

continue. I have been obliged to dip my hand repeatedly into the milk and thus give a taste of it before the calf would allow its nose to be turned down into the pail. Some calves will drink during the first to third trial, while others will need the fingers a much longer time. - Farm, Field and Fire- to pack them in sand and put in the side.

HOW TO GROW AND SHIP CAULIFLOWER.

Cauliflower, like all vegetables of the brassics, or cabbage, family, requires a very rich soil. The land should be treated to about eighty bear this in mind. two-horse loads of horse manure, or of comported horse and hog manure to the acre. This should be plowed under, care to be taken that the soil be not wet, but in perfect friable and mellow condition. The drills should be about three feet apart and the cultivation level and very frequent. There is a hand cultivator which is preferable after the plants are about half grown, because horse or mule would doubtless destroy them if the drills be only three feet wide. The object is to have large, compact heads. As soon as these are well formed they should be shipped, or the blue or purple bloom will form, and then the heads are unsalable, at fair or good prices. If necessary, turning the plant on its roots, say half-way round, will act as a check, and breaking two or three of the outer leaves over the already fully formed head will afford a beneficial shade and a little more retarding. Only one-third of the leaf is turned over the head, and it is not or less from which they manage to separated from the main plant. Cauliflower should be shipped in shallow crates, or, if the regular cabbage crates be used, pack in tiers so as not to injure the head. The recently formed refrigerator car lines with expert handlers will prove a great advantage for shippers. - Courier-Jour-

GROWING ALFALFA.

Just now there is much inquiry going the rounds as to proper methods to be employed in the starting of a stand of alfalfa. In reply to a query along this line from a correspondent of the Nebraska Farmer, Professor Charles E. Bessey has written as fol-

"In the growth of alfalfa it is necessary, first of all, to take great pains to fit the soil for the young plants. The ground must be rich and mellow. Unless it has had legumes growing upon it it should be treated to a good quantity of barnyard manure in order to supply the soil with available nitro- whenever they go to drink. This is gen. Then when the alfalfa has ob- preferable to the usual method of salttained a foothold it will thereafter ing the farm horses once a week.

supply itself with all the nitrogen it

"Prepare the ground with great care, and have it like a garden as to mellowness and freedom from clods. Sow the seed as early as possible in the spring, but do not sow it on another crop, as we generally do with clover. It is well to sow a peck or so of oats per acre with the alfalfa, simply to afford a little shade to the young plants. Since a field ought to last many years when once a good stand is secured, it will pay to take great pains with it. Do not try to seed too large a field at once, but begin with a few acres, so as to give these the greatest care, and add to the area each year. In this way success is reasonably certain. But do not attempt it without seeing that the soil is rich in nitrogenous matter. Put on barnyard manure freely."

SCIENTIFIC FEEDING.

A bulletin just issued from Cornell University Experiment Station, on the feeding of steers in Texas, shows the following results:

Roasted cotton seed do not have the laxative qualities of raw seed and are more palatable.

Faster gains are made by feeding the boiled seed, but at a greater cost per pound gain. The advantages to be gained in the

use of roasted seed hardly justify its Boiled seed are more palatable than raw seed, less laxative and make faster gains. May continue to be used

with profit. Steers fed on raw seed, eating a less quantity of seed, ate slightly more hay in consequence.

Cotton seed, at usual prices, is a good and cheap addition to corn and hav ration.

The best beef ration found by previous experiments-cotton seed meal, hulls and silage, is not here proven the best, when calculated at former prices raw seed, corn and hay being better.

When value of raw seed is raised to near market present prices, ten dollars per ton, the meal, hulls and silage are again the best ration; raw seed, corn and hay being next best.

The average cost of gain per pound in all lots at present price of food was 3.64 cents.

The cheapest feed per pound gained for all steers fed, when raw cotton seed is valued at \$10 per ton, was raw seed, corn and hay.

FARM AND GARDEN NOTES, Leghorns are among the very best of

Set the first clutches of duck eggs under a ben. Proper shelter from storms means

regular, even fleeces. It will pay every grower to learn

thoroughly to grade wool. Burs in the pasture are very expen-

sive. Get rid of them. The less water there is in butter the

fewer odors it will absorb. The best way to keep root crops is

cellar. Put the perches far enough away from the doors or windows to avoid

Eggs often have a bad flavor from the food the hens eat. It is well to

Have the nests so low that the hens can step in. If they jump in they are apt to break the eggs.

If the young stock is to be used for breeding it should always be selected from the earliest hatches. Cowsare not kept for their company,

therefore why let them go dry four to six months out of the year. Early manuring is simply impossible if the animals are stinted while they

are forming bone and muscle. The production of eggs is a great drain on a hen's vitality. Therefore,

the laying hens should be well fed. Whether hatched in an incubator or under a hen, do not feed the chickens

until they are twenty-four hours old. It never pays to offer a horse for sale in poor condition. It does not

pay to keep a horse in poor condition. Fourteen million of the inhabitants of France have farms of twenty acres obtain a living.

Young turkeys are naturally tender. There is no advantage in hatching them out until the weather is reasonably well settled.

Provide all the setting hens with comfortable quarters and see that their feathers are well dusted with insect powder before starting them.

If a colt is broken to harness when he is full of life and spirit, he will be more reliable than if handled in the same way when weak and half fed. If they are made comfortable and kept in good condition some of the

hens will want to set this month. It will be worth while to make them com-Experiments will show that it is a mistake to feed more than ten pounds of beet pulp per day to pigs. Under

all circumstances the pulp must be

combined with other fodder. Place a box of oalt near the water ing trough so the horses can lick it SCIENTIFIC AND INDUSTRIAL,

Brick is made from slag.

Machine glass blowing is a failure. The only use of a bird's tail is to serve as a rudder during flight.

'The "Georgia thumper" grasshopper has a wing spread equal that of a robin. The pearl is only carbonate of lime, is readily effected by acids and burns

The diamond has been found on all continents and in almost every country in the world.

Alcohol is distilled from sweet potatoes, one bushel of the potatoes

yielding a gallon of the fluid. Motormen who ring gongs with their feet get a pecufiar pedal malady which they call "trolley foot."

the hairs number about 1000, and the whole number on an adult scalp is about 120,000. The latest pattern of rapid-fire guns

In a square inch of the human scalp

throw a projectile through the air at the rate of 2287 feet per second, or 1968 miles an hour. English opthalmic authorities say

that the incandescent lamp judiciously placed and shaded is superior to any other artificial illuminant in its effect on the eves. Taking the earth as the centre of

the universe and the polar star as the limit of our vision the visible universe embraces an aerial space with a diameter of 420,000,000,000 miles and a circumference of 1,329,742,000,000

The Chicago municipal authorities have instituted a crusade against certain stockyard packers, who have been slaughtering diseased cattle and placing the meat on sale. The present method of inspection is reported as faulty in the extreme. In future the license of every violator of the law will be revoked.

It is fair to presume that a vessel which has developed high speed under trial will always be a swift vessel under ordinarily favorably conditions, and the new ships of the United States Navy may, therefore, well be regarded as among the foremost examples of what can be accomplished by modern naval architecture applied to purposes

In children of consumptive parents a number of deep respirations accompanied by a horizontal extension of the outstretched arms at each inspiration distend every part of the lungs and expand especially the apices where this insidious disease first appears. In cases of contracted lung from pleurisy such exercise will break up old adhesions and restore lost breathing power. This pulmonary gymnastic exercise in moderation should be practiced by all persons of consumptive parents.

The name of the Chinook wind is from that of the Chinook Indians, near Puget Sound. During the prevalence of the wind the thermometer rises in a few hours from below zero to forty degrees or forty-five degrees. It is analogous to the Fohn of Switzerfrom various parts of the world. All that is needed to produce them are high and low pressure areas, whereby the air is caused to pass over the mountains, depositing its moisture on the ascent, and descending on the lee-

Dogs Spread Consumption.

The medical profession in France is much stirred up over the great increase of the deaths from consumption shown by recent statistics. This disease carries off five persons out of each 1000, or 170,000 a year, in France, while in England the mortality from this cause has fallen to two per 1000. The scourge is worst in Paris, where one death out of every five is due to consumption. At Marseilles it is one out of six, and at Dijon and Nancy it is one out of seven. Dr. Gilbert, a specialist on the disease, says that drunkards are specially susceptible to the disease, and that the tenement houses, where the poor live, are very hotbeds for its spread. In such places five out of twelve deaths are due to consumption. Professor Cadiot, a prominent veterinarian, says that there can be no doubt that dogs very often communicate the disease. He says that a microscopic examination has shown that many dogs are infected with it. He has held post mortem examinations of a large number of dogs, which were supposed to have died of cancer, and in every case found that tuberculosis was the cause of death. He says that people who keep infected dogs about them are almost sure sooner or later to contract the disease. - New Orleans Picayune.

Mutton Growing in Popularity.

The rapid increase in the consumption of mutton in this country is largely due to improvement in the quality of the meat. People who formerly objected to what they termed the "woolly" taste soon lose their prejudice when persuaded to try really good

The disagreeable odor which is apt to accompany this meat can be avoided cient blood to render it insensible, an opening be made in the abdominal and the wool then rapidly removed. The careass should be quickly cooled and washed out with cold water.

The sheep should be kept without food for several hours before killing; and the latter operation should be performed out of doors, as fresh meat is peculiarly susceptible to bad odors. A little more attention to these two points would go far toward still fur-ther popularizing mutton among consumers.-New York World.



Pale tan, almond and silver blue are to have another season of favor.

The French women are famous for their capacity and experience in busi-

The diadem of the Russian Empress Anna contains 2536 large diamonds and a ruby valued at \$600,000.

The Princess May is to be presented by the ladies of Canada with a handsome pair of Canadian-bred horses.

Of the twelve bridesmaids at Queen Victoria's wedding only three survive -the dowager Duchess of Bedford, the Duchess of Cleveland and Lady Jane Ellice.

It was some time in 1600 that Mary Astell wrote, importuning women "not to be content to be in the world like tulips in a garden to make a fine show and be good for nothing."

Miss Brander Matthews, the debutante in literature, allows her father to "name" the products of her pen after they are complete, as Matthews has a singular facility that way.

Because Queen Victoria with oldfashioned tastes sill enjoys tableaux bit was held in the last days of the Ro- temptations of the sort. vivants, that unexciting amusement is almost the national indoor resource of English homes were young women still believe in the theory of statuesque Somebody asked Mrs. Paran Stevens,

of New York City, why she had not entertained any this winter, and her answer was that there was so much poverty existent that she was afraid to give large parties for fear the starving poor would dynamite her.

The Ancient Order of Foresters in England has found the admission of women into its ranks a complete success. There are already seventeen courts of female Foresters, and this number is expected to be doubled by the end of the present year.

Miss Rose Elizabeth Cleveland, the sister of the President, is now visiting the White House for the first long stay since her brother came into the Presidency the second time. Miss Cleveland abominates public life and tries to escape from it in every way.

"Plaisance suitings" are among the novelties of the new season. Many show handsome Persian effects, and in most cases the background is worn in two colors with a contrasting tint, forming an overshot figure. crepe weaves appear in shot effects.

Charlotte M. Younge is tall and stately, with large brown eyes, light hair and a very strong face. Her corridor. Among her treasures are autograph letters from royalty and taken, according to H. M. Ballou, children thanking her for her writings. Miss Aldrich Blake has the signal

receive third honors, with marks qualifying for a gold medal, in the recent bachelor science examination of the University of London. She is a stuland, and similar winds are reported a dent of the London School of Medicine for Women.

Watches are worn at the side again and are no longer hung up on the chest. They ought to be put out of sight. A watch worn as most women wear them is simply tempting fate and two-thirds of the "losts" in the newspaper columns are watches, which vanity puts to a use never intended by the inventor.

Is the would-be swell female attempting to match her petunia purple cheeks and magenta street gown? or is she trying to live up to the chromos in the prize package papers? In any event the giddy colors visible under the fashionable veil would make nature blush and an Apache turn green with jealousy. It is simply awful.

Capotes are very flat, with a low crown, or no crown at all, the only exception being the Tonkin shape, with small, peaked crown. Some shapes have a plain, narrow brim, but the most novel are of very soft, supple felt, which can be bent about, and almost draped according to fancy. The same shapes are made of stiff net, covered with plain or fancy velvet.

Miss Mary Clapier Ritchie, of Philadelphia, recently contributed \$10,000 each to the University and Jefferson College Hospitals, and \$5000 to the Philadelphia Home for Incurables, to provide a bed in each for the treatment and maintenance of indigent single women suffering from incurable disease. These endowments are in memory of her brother, the late Commodore Robert Ritchie, United States

A man from Salina, Kan., is a hustler. He peddles groceries on week days and on Sundays preaches in two pulpits-one in Hoxie and the other in Hills City.

Dr. Kilmer's Swamp-Root cures all Kidney and Bladder troubles. Pamphlet and Consultation free, Laboratory Binghamton, N. Y.

The first line of railroad in Norway was

216 Bus, S Lbs. Onts From One Bus, Seed. This remarkable, almost unheard-of, yiel! was reported to the John A. Salzer Seed Co., if, as soon as the animal has lost suffi- La Crosse, Wis., by Frank Winter, of Montana, who planted one bushel of Great Northern Oats, carefully tilled and irrigated same, cavity to allow the gases to escape, and | and believes that in 1804 he can grow from one bushel of Great Northern Oats three hundred bushels, 'It's a wonderful oat. IF YOU WILL CUT THIS OUT AND SEND IT with Sc postage to the above firm you will receive sample package of above oats and their mammoth farm seed

Smile and save money. Mail your orders for anything in drug line to E. A. Hall. Charleston, S. C. Free catalogues, West's Nerve and Brain Treatment. 67c.; Liver Pills, 12c.; Hat Dye. 10c.; "2305," Best Worm Powders, 12c.; Porous Plasters, 12c.

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high.

Why Whittier Never Married,

A letter Whittier wrote in 1827, full

He is said once to have seriously

observed to a relation, a young woman,

contact with it. If this was his judg-

single life. - Springfield Republican.

S. Spencer, a young Englishman,

accompanied by two guides, made the

the Dom. The peak is 15,000 feet

SLEEPLESSNESS,

and kindred ailments, whether resulting from over anxiety, overwork or study, or

from over anxiety, overwork or study, of from unnatural habits or excesses, are treated as a speciality, with great success, by the Staff of Specialists attached to the Invalids' Hotel and Surgical Institute at Buffalo, N. Y. Personal examinations not always necessary. Many cases are success-fully treated at a distance.

ASTHMA. successful treatment has been discovered for Asthma and Hay Fever, which can be sent by Mail or Express.

It is not simply a palliative but a radical

For pamphlets, question blanks, references and particulars, in relation to any of the above mentioned diseases, address, with ten cents in stamps, World's Dispensary Medical Association, 663 Main Street, Buffale, N. Y.

bility, Nerv-ous Exhaust-

tion, Neuralgia, Paraly-sis, Loos

The Peacock at the Feast. Brehm informs us that the flesh of the young peacock is very delicate, and of admiration for a young woman has "a wild odor" which is very agree | named Bray, who came to Haverhill able. He thinks an old bird fit only to have her portrait painted, shows for stewing. The Greeks must have that he really fell in love with the found it marvelous costly feeding, if painted image, and afterward made it be true, as Aelian says, that a single | her acquaintance with the result of bird was worth a thousand drachmas deepening the feeling. But he never -nearly \$300. The esteem in which allowed himself to follow this or other

the imperial regime. Vitellius and Heliogabalus served up that no Whittier ought to marry, for to their boon companions enormous the hereditary temper was such that dishes of peacocks' tongues and brains, no wife could be happy in continual seasoned with the rarest Indian spices. In medieval days it was still held in ment of his own nature it explains his. favor, particularly as a Christmas dish, and minstrels sang of it as "food for

man Republic did not diminish under

lovers and meat for lords.' To fit it for the table was no ordinary culinary operation. After the first successful winter Alpine ascent of skin-and plumage-had been carefully stripped off, the bird was roasted; then served up again in its feathers, with gilded beak. No, I have forgotten that it was first stuffed with spices and sweet herbs and basted with yolk of egg. It floated in a sea of gravy, as many as three fat wethers some times supplying the unctuous liquor

for a single peacock. No vulgar hands carried it to the table, but the fairest and most illustrious of the dames and damsels present at the feast, and its arrival was announced by strains of triumphal music. Had the bird known the honors reserved for its obsequies, surely it would, like Kests, have fallen "half in love with easeful death."

"By cock and pie!" exclaims Justice Simllow-little knowing that his everylay ejaculation referred to the old chivalrous usage of swearing over this lordly bird to undertake any grim enterprise worthy of a gallant Knight. house is filled with books, even to the Did not the royal Edward take oath on the peacock before he entered upon his invasion of France?—All the Year

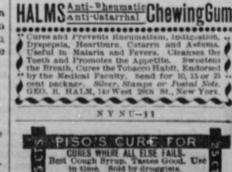


KNOWLEDGE

Brings comfort and improvement and tends to personal enjoyment when rightly used. The many, who live bet-ter than others and enjoy life more, with less expenditure, by more promptly adapting the world's best products to the needs of physical being, will attest the value to health of the pure liquid laxative principles embraced in the remedy, Syrup of Figs.

Its excellence is due to its presenting in the form most acceptable and pleasant to the taste, the refreshing and truly beneficial properties of a perfect laxative; effectually cleansing the system, dispelling colds, headaches and fevers and permanently curing constipation. It has given satisfaction to millions and met with the approval of the medical profession, because it acts on the Kidneys, Liver and Bowels without weakening them and it is perfectly free from every objectionable substance.

Syrup of Figs is for sale by all druggists in 50c and \$1 bottles, but it is manufactured by the California Fig Syrup Co. only, whose name is printed on every package, also the name, Syrup of Figs, and being well informed, you will not accept any substitute if offered.





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