# FOR FARM AND GARDEN.

### Value of Subsoiling

One of the advantages of subsoiling One of the advantages of subsching is to do away with the evil effects of deep plowing, that is the under soil is loosened without the necessity of turning the humus of the surface under, and necessarily placing it at the bottom of the furrow below where it will he able to do the wart good it will be able to do the most good.

### Look Into Your Fertilizers

Thousands upon thousands of tons of fertilizer are yearly used by some men who do not even take the trouble men who do not even take the trouble to see if it is helping them out in a financial way, or in other words to see if it is a paying investment. If there was such a thing as reekoning up the loss caused by this oversight the eyes of a great many farmers would surely be opened, and the result would be smaller fertilizer bills and larger crops.

Another thing should be done by all using fertilizers, and that is the matter of looking into the composition of the goods they are buying. Buying fertilizers without knowing the analy-sis of them is practically buying "a pig in a bag.

### Start the Chicks Right.

If we expect a healthy, profitable flock of hens, we must not overlook the fact that the care given the chicks during the first few days of life deter will be in mature life. Chicks must be kept healthy, and in order to do this a system must be adopted and strictly adhered to. They must come from the nest free from vermin and must be adopted and strictly adhered to head the adopted and strictly adhered to adopted adopted and strictly adhered to adopted adop They must not be allowed to become chilled. They must be given the best and most wholesome food, just what is best suited for the forming of flesh and bone. Those that are intended for market require different treatment market require different treatment from the pullets that we intend for next winter's layers. It takes time and patience, coupled with hard work, to make poultry raising a success, but it can be done.—Home and Farm,

### A Few Points on Alfalfa.

When sowing alfalfa seed remem-ber that it weighs about 60 pounds to the bushel and that from 20 to 30 pounds of seed is sufficient for each acre. And if you are raising it for seed it would be advisable to sow a little thinner than this. As alfalfa does not attain maturity until it has reached its third or fourth year, too much should not be ex-

pected of it the first year that it makes

a showing. As it is a deep feeder plow the land that it is to be grown on thor-oughly and it would be pretty hard to

plow too deep. Alfalfa hay is not in itself a com-plete ration so in order to secure the best results when feeding it, it is necessary to use in conjunction with it corn fodder, wheat or oat straw, or roots. Alfalfa itself contains a large amount of what is known as protein to form blood, bone and muscle, so it is necessary to use these other foods to secure for the animal a proper amount of starch and fat, which is accomplished by using feed analyzing high in car-bohydrates. If these are not given the ration is incomplete and conse-quently a good part of the protein is wasted.

### Rotation of Crops.

While no doubt it is better to change crops, that is, not plant the same piece for a long series of years to the same crop—yet, is it not often the case that a good crop can be raised on the same land for a long time by roper fertilization. For instance, take the English hay

crop, by proper top dressing a good crop can be secured for years, and where the field is clayey and stony, it is very desirable to treat it so. We have, for the past few years,

is very desirable to treat it so. We have, for the past few years, made a specialty of the turnip crop, and having one field which seems bet-ter adapted than the others for tur-nips, we have planted it to that crop for a number of years. We began very cautiously, planting at first but a small portion the second and third years as our neichbors soid they years, as our neighbors said they should not like to try it and thought we should not get good results, but,

### The Way to Beautify Home

yields may reveal lessons of more than passing interest to owners of this type

would be a wise proceeding for the average farmer, but it is only too ap parent that the vast majority of farm ers do not pay the strict attention to the selection and direction of their cows that consideration for their owr interests ought to induce them to do

interests ought to induce them to do.

Without couverting the valued cos mopolitan breed into a one purpose class, such as the Jersey or the Ayr shire is, much might be done to en-

hance the value of the ordinary speci men as an all around dairy cow.

The Covered Barnyard.

The covered barnyard possesses some advantages, but everyone must decide for himself whether or not the

advantages are sufficient to warrant him in erecting one. The yard that I have seen was sheltered by two buildings on two sides and boardeo up seven feet on the other two sides,

with a five-foot opening between the top of the fence and the edge of the roof. If a farmer should build one it

would be advisable, in our opinion, to protect the north and west sides com-pletely. This might be done if build

ings were not so located that they would do it, and they would not be in the majority of cases, by building the fence clear to the roof. The cheapest roof would be one that was as nearly flat as possible and still turn the rain. These reads are not such pretention.

These yards are not such pretentious affairs as some people think them to be. It seems to be a common opinion

be. It seems to be a common opinion that they are large enough for 40 or 50 head of cattle and the expense of constructing a yard of sufficient size to accommodate such sized herds has

caused many to ridicule the covered

barnvard as a nonsensical conception.

Perhaps it is, but not because of its

The one I visited would accommo-date about 10 head. Of course it could be made to accommodate more

by turning 10 head into it at one time.

10 head at another and so on. It has been suggested that the roof of the yard might be carried higher and a

loft made for the storage of fodder, a suggestion which in itself shows that

the yard is limited in size. There is

yard we looked at, but it is entirely

enclosed, the space that would be open above the fence, as above de-scribed, being fitted with windows, which can be opened when necessary. There is also a skylight in the roof. We should call a structure of that

we should can a structure of that kind a building rather than a yard. The manner of sustaining the roof will readily suggest itself. The cen-tre of the roof will naturally require some support and will necessitate in-

side posts, which will have to be set substantial enough to withstand any force which the stock might bring

The principal advantages that such

a yard would afford in the opinion of those who believe that the cow should have exercise, would be in the protec-tion or partial protection of the animal while do is a protection of the animal

tion or partial protection of the animal while she is exercising; in preserving the manure from damage by the ele ments; as furnishing shelter for sheep, and, if plenty of absorbent is used, in furnishing, a dry and pleasant barn-yard. Cheaper shelter will answer for fattening cattle in many cases when they need shelter, and the feeder is likely uprovided for in this direction.

against them.

a yard, however, in Pennsylvania, think, that is much larger than

size.

A close examination of the individua Is to do as they all are doing. Ask your grocer, who knows all about it; has some-thing for you in the way of a coupon book, which enables you to get one large 10c. The enormously heavy yields pro duced by some of the animals and the exceeding richness of the milk of others seem to us to suggest that the package of "Red Cross" starch, one large 10c. package of "Hubinger's Best" starch, with the premiums, two Shakespeare panels, farmer possesses a power in develop ing or controlling the inherent pro pensities of cows which is but too lit or one Twentieth Century Girl calendar. all for 5c. pensities of cows which is but too lit tle appreciated, or at all events that is not turned to adequate account. It is obvious that the shorthorn by a sys-tematic process of selection could be made to equal even the Channe' Island varieties as butter producers, or they might be cultivated, if so de sired, to excel the Holstein breed at heavy milkers. We do not think tha' the development of one quality at the case if extremes are to be attained— would be a wise proceeding for the

### Dawson's Up-to-Date Fire Sys

Dawson is now equipped with two steam fire engines, fourteen patent fire extinguishers, one hook and lad der truck, two hose carts and 6000 feet of hose, and has a paid fire depart-ment of twenty men. A working head of steam is kept on the engines at all times.

### Deafness Cannot Be Cured

Destines Cannot He Cured by local arbitections, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitu-tional remedies. Deafness is caused by an in-famed condition of the mucous lining of the Eustachian 'Tube. When this tube is 'in-famed you have a rumbling sound or imper-fect hearing, and when it is entirely closed Deafness is the result, and unless the inflam-mored to its not take condition, baring will be destroyed forever. Nine cases out of ten are caused by catarrh, which is nothing but an in-famed your construction but an in-famed of the norther surfaces. We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that can-pot be cured by Hall's Catarrh cure. Send for circular. If Te many for the sense of the best. A movement to exclude from Russia all

A movement to exclude from Russia all foreign petroleum is on foot.

## Educate Your Bowels With Cascarets. Candy Cathartie, cure constipation forever. No. If J. C. C. fail, druggists refund money.

Ninety thousand men in the British army

To Cure a Cold in One Day. Take LAXATIVE BRONG QUININE TABLETS. All druggistes refund the money if it fails to cure. E. W. GROVE's signature is on each box. 25c. A Parsee priest of Zoroaster is preaching in worship in Chicago.

Jell-O, the New Dessert "leases all the family. Four flavors:--Lemon, Orange, Raspberry and Strawberry. At your grocers. 10 cts.

Eulalie, who visited this contry in 1893, is red-headed. Red-haired Italians are fairly numerous in Italy. They are most numerous in the north-ern provinces, where there is the greatest infusion of German blood.

In Ireland a red-haired girl is made miserable by being called a "Dane." This epithet is a legacy of a thousand years or more, from the time when the Danes actually did override the coasts of British Ire of combine moment the of Britaiu. In a similar manner the Norsemen who invaded Sicily centur-ies ago and inter-married with the inhabitants left descendants with gleam

habitants left descendants with gleam-ing brain thatches. The Turks are a light-haired, blue-eyed race, and their children are everywhere scattered about Asia and Northern Africa. And where there aren't any red-haired girls by nature —as among the Moors and Arabs—the glowing locks are commonest of all. The woman all dye their jetty tresses to a most lovely red with henna.

### Fiji Folk Eat Dirt.

Whereas the Fiji Islanders used to eat their kind, and persons of any other kind that came in their way, they now have taken to eating earth. It certainly is a pleasant change from the old ways, at least for those per-sons who otherwise would be fried, baked or broiled. It is the women baked or broiled. It is the women who like best this new eatable. The earth is soft, and in color a cross be-tween a gray and a pink. It is sup-posed to be a decomposed volcanic ash. The coolies from India, whose labor is employed on the islands, like the earth, and they eat it greedily.

Cronje's Property in the Transvaal. General Cronje's property near Pot-shefstroem consists of more than six thousand acres. The farmhouse is a thousand acres. The farmhouse is a one story building, and is furnished with the utmost simplicity. Its owner is essentially a sportsman and a lover of open air life. He dislikes city life, and for that reason has persistently declined to become a candidate for the Transvaal Presidency—an office the holding of which involves the necesenemy, Colonel Baden-Powell tells the sity of living in Pretoria.

Forests of the Philippines. But it is to the forests of the Philip-pines that we are wholly unable to do justice. Timber exists in great variety and of most excellent quality. There are to be found kinds of wood suitable to every nurnose. Many are of dense to every purpose. Many are cf dense and tough fiber susceptible of the highest polish. Four kinds are so heavy that water will not float them, nor can they be cut with ordinary saws. One variety is of a bright emerald green, and another rich yellow, and they retain these colors when polished. Another, "narra," perhaps the prettiest, and much used in fine furniture, varies in color from light straw to deep red. It is strong and hard and takes a high polish. Per-haps the best known is "molaye," a

haps the best known is "molave," a very heavy dark brown wood, used for fluishing in the interior of the Jesuit church at Manila, where it is said the carvings are by master hands and of surpassing beauty. Ebony is abundant. There are the cacao tree, the cocoanut paim and the bamboo, all invaluable to the natives, and also a tree which yields a kind of cotton.

a tree which yields a kind of cotton. A pitcher plant is found with re-ceptacles that hold as much as a quart of water. There is a very curious plant with long pendent feelers that hang near the ground and have re-markable prohensible properties, tak-ing the strongest hold on anything that happens to touch them. It is with the greatest difficulty that a passerby can extricate himself from one of these many-fingered, hanging hands.—Self-Culture.

### Milk Can Be Too Rich.

The Jersey Bulletin recently said that the richer the milk is in fat the better for eating in its crude form, on words to that effect. This statement is fully as wide of the mark as the one concerning its cheese-making value Every physician of note maintains that normal milk properly balanced is far better for food, especially for infants and young children, than is milk rich in fat. Probably milk containing not mass theory of the for the full The Red-Headed Girl. The geographical distribution of red-headed girls in fortunately wide. They can be found in every inhabited quarter of the world. The so called dark races are frequently glorified by glowing locks. The Spaniards are swarthy as a race, but the purest blooded Castilians frequently show traces of their Visigothic blood by slue eyes and red hair. The Infants and there is not a careful, intelligent, well-bred reader to-day who does not know that three per cent. milk fresh from the cow is much better for the calf than is six per cent. or even four ent. milk, Indeed, it is quite conceded that hundreds of Jerper cent. milk. veniences as a table to support it and a foot or a hand-power turning ar-rangement, displaced in recent years, in possibly a few isolated cases, by actual engine-power driving. In gen-eral use, however, the potter's wheel of the present time bears all the char-acteristics of the one which, 4000 years or more ago, served to turn out potterv attesting unsurpassable taste freely sey calves owe their premature death to a surfeit of rich new milk. Disordered stomachs, indigestion and "scours" are the results when such milk 1s fed to calves. - National Stock-

### Napoleon at St. Helene

the forehead, cropped, but not thin in the neck, and rather a dirty look; in the neck, and rather a dirty look; light blue or gray eyes; a capacious forehead; high nose; short upper lip; good, white, even teeth, but small (he rarely showed them); round chin; the lower part of his face very full; pale complexion; particularly short neck. Otherwise his figure appeared well proportioned, but became too fat; a thick, short hand, with taper fingers and beautiful nails, and a well-shaped leg and foot. He was dressed in an old threadbare green coat, with green velvet collar and cuffs; silver green velvet collar and cuffs; silver buttons, with a beast engraven upon them; his habit dechasse, (it was butto nod close to the neck); a silver star of the Legion of Honor; white waist-coat and breeches; white silk stock-ings and shoes with oval gold buckles. She was struck with the kindness of big or program of the store of the s his expression, so contrary to the fiercenees she had expected. She saw no trace of great ability; his counte-nance seemed rather to indicate good-ness; at the second interview she re-marked that it would change with his humor.—From a Diary of St. Helena.

### Baden-Powell's Bluff.

Physicians in South Framingham, Mass. agreed on a schedule of rates. For Whooping Cough, Piso's Cure is a suc-cessful remedy. M.P. DIETER, 67 Throop Ave., Brooklyn, N. Y., Nov. 4, 1894. The palmist belives that most people should be taken in hand.



Don't thee wed for money, friend; For money hath a sting; Don't thee wed a pretty face; 'Tis but a foolish thing; Don't thee wed for place nor fame; 'Twill disappoint thy hope; But when thee marries, choose a girl Who uses lvory Soap.

IT FLOATS.

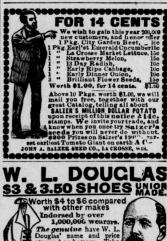
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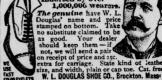
The Most Ancient Machine Tool. General Wheeler of Alabama entered West Point from New York

There can be very little doubt that the potter's wheel, or potter's lathe, as it is also termed, represents to-day HEAD ACHE the most ancient form of machine tool known. Among the many sculptured records of the trades and occupations "Both my wife and asing CASCARETS a medicine we have ever which so vividly represent the cus-toms and habits of the ancient Egyptians, the potter and his wheel have been found frequently depicted, and it is curious to note that through the ne of your C nd they relieved the pain in her head almosi mmediately. We both recommend Cascarets." OHAS. STEDEFORD, Pittsburg Safe & Deposit Co., Pittsburg, Pa. It is carious to note that through the almost countless generations since that time this crude form of lathe has undergone no material modification. The primitive form was evidently a small round table, set on a pivot and free to revolve, heing turned by hand at intervals; and to this device in the course of time such simple con-veniences as a table to support it and a foot or a hand-power turning ar-CANDY adcare

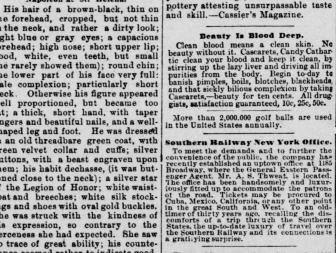


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appy JOHNSON'S MALARIA.CHILLS&FEVEF Grippe and Liver Diseases. 35c KNOWN ALL DRUGGISTS.



finding that there seemed to be as good a yield on the part that had tur-nips the year before as on the other, thought we would try the whole id, and for two years have raised turnips on it, and for two years have raised turnips on it, and the last year we had an extra crop of good quality, and the quantity being 560 bushels of mar-ket size on the field of about an acre.

We plow in a fair quantity of stable manure in the spring, then plow the ground two or three times during the early summer, then about the middle of July make the drills and sow the seed, using in the drills 600 or 700 pounds of commercial fertilizers.

We have also succeeded in getting rid of the witch grass, of which the field was very full when we com-menced to raise turnips upon it, and it is now one of the easiest fields to which thet we the cultivate that we have.—H. A. Turner in American Cultivator.

The Lessons of Milking Trials

The Lessons of Milking Tetals. Mr. Primrose McConnell in his in-teresting report of the milking trials at the London Dairy Show of last Oc-tober, which appears in The Journal of the British Dairy Farmers' Asso-ciation, includes several statistical statements of importance to dairy farm-ers. Averaging the milking per-formances of the competing animals of the different breeds, he brings ont formances of the competing animals of the different breeds, he brings out very clearly the superiority of the shorthorn or the crossbred of the shorthorn type. These classes have not only given splendid yields as re-gards quantity, but the quality has also been of a creditable character

article to decide whether or not he wants one. —Agricultural Epitomist

without finding himself under the necessity of building a covered barn yard. However, now that we have given the principle of the thing, it re

### A Barometer of Prosperity

"The theatres are a never-failing ba rometer of individual prosperity,' said a well known theatrical manages recently. "When the people have money to spare and turn to the theatres you may safely judge that the period of prosperity that we have waited for so long is at last upon us. This season, so far as I have been concerned, has been an exceptionally busy one, and I believe this condition of efficie actended all oras the country of affairs extends all over the country. of affairs extends all over the correct and The people like to be amused or edu cated, as the case may be, by the stage, cated, as the they have the money to The public like to be annused or edu cated, as the case may be, by the stage, and now that they have the money to gratify their desires in that direction they are patronizing the playhouses with a vengeance. Poor shows, even, are receiving a fair amount of patron-age, and when a really good show comes along, provided the public has been sufficiently made aware of its merits in advance, it is simply over-whelmed. Our own local playhouses have profited by this state of affairs, while in New York everything has gone with a rush. Wages may be raised in mills, mines and factories and the farmers may raise their quad-ruple yields of grain, but the true in-dex to individual prosperity is the amount of money people are willing to spend for enjoyment's sake alone. – Washington Star.

It is estimated that greater quanti-ties of gold and silver have been sunk in the sea than are now in circulation on earth.

To Escape From a Burning Building. Crawl on the floor, the clearest air is the lowest in the room. Cover the head with a wet woolen wrap, in which holes may be cut for the eyes. Keep vour wits.

### An Army of Mules.

Since the beginning of the war be-tween 20,000 and 30,000 mules have been landed in South Africa, and have been distributed in depots at the various bases.

An Infallible Sign.

The average woman will think a man wants to marry her if he tells her she seems so different from other girls.— New York Press.

following story: 'Once I was a having a match with a skihari in Cashmere, as to which of us could see farthest. He pointed out a hillside some distance off, and asked me if I could see how many cattle there are arready on it. It we could

me if I could see how many cattle there were grazing on it. It was only with difficulty that I could see any cattle at all, but presently I capped him by asking him if he could see the man in charge of the cattle, Now, I could not see any man, but knowing that there must be some one in charge, I boldly put forward this bluff. The skihari looked hard at the infinitesi-mal moving specs which he knew to

France receives \$1,212,500 a year from taxes on bicycles. mal moving specs which he knew to be cattle, but the cowherd was be yond him, so he gave it up and con-fessed himself defeated."--Collier's Dr.Bull's Positively cures coughs, colds in the chest or Lugas and in cipient Cough Syrup consumption! Always for children. Tastes good. Doess are small acc

The Best Prescription for Chills and Fever is a bottle of GROVE'S TASTELESS CHILL TONIC. It is simply iron and quinine in a tasteless form. No cure--no pay. Price 50c. PATENT SECURED OF Fee Refunder Patent advertise free. Free na for for for sector Greece expects to come out with a treas ury surplus next year.

The President of Switzerland only gets \$2700 per year.

How Are Your Kidneys Dr Hobbs' Sparagus Pills cure all kidney ilis. Sam, ' irce. Add. Sterling Bemedy Co., Chicago or N. Y

The world's production of lead in 1999 mounted to 777,000 tons.

To Cure Constipation Forever. Take Cascarets Candy Cathartic. 10c or 25 If C. C. C. fail to cure, druggists refund money

Beauty Is Blood Deep

REE. MILO B. STEV REE. MILO B. STEV 817 14th St., Washin tes: Chicago, Cleveland and Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflamma-tion, allays pain, cures wind colic, 25c.a bottle.

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Alabastine is the original and only dur-able wall coating on the market. It is en-tirely different from all kalsomine prepar-ations. Alabastine is made ready for use in white or fourteen beautiful tints by the ad-dition of cold water. It is put up in dry powdered form, in packages, properly labeled, with full directions on every package. It takes the place of scaling kalsomines, wall paper and paint for walk-kalabastine can be used on plaster, brick, wood or canvas, and a child can brush it on.

Kalsomines are cheap and temporary preparations, manufactured from whiting, chaiks, clays, etc. They are stuck on the walls with decaying animal glue. Alabas-tine is not a kalsomine. It is a rock-base cement, which sets, and it hardens with age. It can be re-coated and re-decorated with-out having to wash and scrap off its old coats. Alabastine is utilized to a great ex-tent in hospitals, as it prevents the accumu-lation of dirt and the coogregating of dis-ease germs, being disinfectant in its na-ture

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