## THE FARM AND GARDEN.

### DEHORNING BY CHEMICALS.

If the "chemical dehorners"-now un over the use of gouge, knife or saw.

### HENS SETTING TOO CLOSELY.

The instinct of the hen to set, especially of the Asiatic breeds, needs some curbing, even for success in incubation. If the hen does not get off at all to eat for several days, the eggs become addled from too much warmth and exclusion from the air. Wetting the eggs is also important, not to soften the shells, but to prevent the drying up of their lining inside the shell, which while moist admits air enough through it to preserve the life of the germ. Hens that set themselves out of doors usually hatch their entire setting. They are forced to hardle for their food, are often wet by rains and dews, and this keeps the eggs moist. -- Boston Cultivator.

### THE START FOR ASPARAGUS.

Every farmer's family uses potatoes. The time, labor and fertility required for their production are not considered, for potatoes must be had. But they are more expensive to raise than asparagus, and their cultivation calls out more skill. The labor needed to grow half an acre of potatoes each year would in three years plant, transplant and establish for fifty years a large bed of asparagus, which education? with a little care annually through this half century, would load the home table and the nearest market (at handsome figures) with a delicious luxury. Asparagus is most easily gathered and prepared, highly mutritious and healthful in its tendencies, and acceptable to nearly everybody. Procure or raise thrifty oneyear-old plants, and set them at intervals of three feet in rows four feet apart, using the richest land of almost any kind, although loann is best. (Keep it always full of plant food, which can be put on at any season, and never too abundantly). Open the drills deep enough to allow several inches of soil above crowns of the plants when they are set. Keep the ground clean and the third year cut every sprout as fast as ready. Stop cutting when early peas come .- New York Tribune.

### BEST HORSES TO RAISE.

Whatever may be said of the market east for scrub horses there is no doubt but that there is a demand, both at home and abroad, for heavy draught horses. There is more than double-yes, more than treble-the common horses in use than there are good ones, and more than double bought and sold every day. Stiil, if we count the difference in the price of a pair of common horses and a good draught team we will find that the latter neighbors. is in demand at a figure much above the difference in the cost of production. Outside of the original investment in good marcs and a heavy stallion of high standing the cost of production is not so very much larger than the cost of the common scrub. Large horses, of course, eat a little more than small ones, and require a little care, but they are generally kind, easily broken and don't know anything but to pull, and with the exception of the fleet roadster and the well mated carriage horse is the most saleable animal produced. Then the great beauty of the draft horse is in the fact that, like a beef steer, he almost sells by weight. There is at least but little training necessary to fit him for service, and where a man has but little idea of how to handle or train a horse he can do but little bet- out and the weather settled into spring.

PLANTING LARGE POTATORS.

sively corn-fed hogs also have smaller ivers and kidneys, the skeleton is light er, and the bones not as strong; the hide may be less, and the hair is not as strong. dergoing experiment-proves successful, says the *Bresder's Gazette*, the problem is did not seem to have their bones strengthsatisfactorily solved for those who dedre to maintain polled stocks, so far as the "rising generations" are concerned; for they certainly offer obvious advantages wood ashes, and still strengthened by feeding ground bone. The ash material

in the bones of such hogs was doubled in amount, ground bone giving better re-sults than wood ashes. The hogs also drank more water, consumed more food, and made much heavier gains than those not gettiag ground bone or asher, but did not have more muscle or lean meat. Hence, Professor Henry's final conclusion that while the body of the hog, perfect or imperfect, is the result of inheritance, it can be greatly modified by the kind of food given. - American Agriculturist.

FARM AND GARDEN NOTES. Open the mouths of all drains, Breed from no scrubs this year. What progress with the garden? Remember that flat culture is best for

dry soils and ridging for wet. Remember that different soils require different fertilizers, and want no others. Will varieties of buckwheat cross and mix? is one of the questions of the day. Brains as well as farms are capable of cultivation. Never lose sight of this

Children love to dig in the dirt. Why should this love be destroyed by false

fact.

Give your teams a change of diet. You like it yourself, and so do they. It is appetizing.

When your soil needs potash only, what is the use of putting on other fertilizing ingredients?

Push your work or your work will push you. The first is much pleasanter, besides being more profitable

Good roads would reduce the cost of hauling farm products to market at least one half for the whole country.

Sprinkling salt on the top and at the bottom of garden walls is said to keep

Give the ewe clover hay, if you have it, bran and crushed oats, and she will provide the lamb with plenty of milk. Rust and rot work incessantly for the

benefit of the manutacturers of farm tools. It is well to not forget this fact. Prepare your ground well before plant-

ing, cultivate well, and, barring accident, the harvest will not disappoint you. Keep the stem of the tree smooth and free from rough bark and suckers. Let only that grow which is needed for future

Every man should try to furnish himself with all necessary tools and not rely too much on the good nature of his

In testing seeds the smaller seed that are perfect germinate first, but are afterward slower in development than the larger ones. If you are a farmer, do not be accusing

the farm of producing the hard times. Look in other directions if you want to find the cause.

When ornamental shrubs are out of flower it is well to cut away the flower clusters and not allow the shrubs to exaust themselves in ripening seed, save those with ornamental fruit. The same may be said of herbaceous perennials, though some of these seeds are often wanted.

If you set duck-eggs under hens set them on the ground. If frost is entirely ter than to grow the heavy class.-New you can place a cage over the hen and arrange things so nothing will bother arrange things so nothing will bother her. Never under any circumstances allow other hens to molest a sitter. It

will cause trouble, and lots of it.

### SCIENTIFIC AND INDUSTRIAL. NEWS AND NOTES FOR WOMEN.

ight colors.

ool gowns.

cutral tints.

or, Miss Mary Hall.

er holding perfume.

sosted to come from Cairo.

roman in a lunatic asylum.

orn upon dressy occasions.

re expert with boxing gloves.

ig classes in England last year.

appear among other tartan stuffs.

cholar of her sex in the country.

tively combined in some new gowns.

Plain and brocaded mohairs are effec-

The high front trimming on capotes is

Bonnets are almost covered with

Black satin bids fair to be the mate-

rial generally preferred for summer petti-

Handsome buckles and clasps are in

order with the belts of every description

The light, soft wool goods worn by

gentlemen in the summer make pretty

Mrs. George M. Pullman gives away

New modes for fashionable house

toilets show brocade in Louis XVI. de-

The Medici collar and some of the dis

The efforts being made to establish

for the benefit of the working classes.

\$2000 every year to various charitable

tilly lace and pink ribbon velvet.

institutions in and about Chicago.

sign combined with silk or velvet.

skirts for little boys.

coats

fronts.

vogue.

of lifty years.

Supreme Court.

leep white collar.

surprisingly successful.

wreaths and sprays of flowers this sea-

preferred, and it is the most becoming.

A method of transmitting sketches by elegraph has been devisud.

Compound locomotives are to be the ailway engines of the future. Los Angeles, Cal., has one sewer 5000 feet long that has not a single connection. In one place it is twenty-five feet

under ground. The Reading Railroad Company is having 4000 freight cars built, which are all provided with drawbar attachments and automatic couplers.

An English inventor offers a system by which coal gas compressed to one-eighth its natural bulk can be carried about and utilized as an illuminant when desired.

Instead of chewing slate-pencils and drinking vinegar and lime-juice adipose doctors feed their patients raw fruit without sugar or cream and obesity tea. The doctors in the French fleet have

been forbidden to practice "hypnotism" on their patients. A similar prohibition was issued some months ago to the French army doctors.

The appliance of hydraulic power to the manufacture of steel seamless boats is one of the latest things in England. These boats are thought to be in every particular superior to those made of wood and can be made at about the same cost.

The experiment of constructing a large building of paper has been success-fully made at Hamburg, Germany, where an immense hotel, with its facade and other important parts composed of that material, and claimed to be fire-proof,

has been erected. In using emery wheels it has been found that at a high speed one ounce of wheel material would only grind off six ounces of metal, while at a lower speed it would grind off eleven ounces.

At now so much worn. this lower speed the wheel was making 2150 revolutions. The electrical process has been successfully adopted in South Australia for

Ribbon velvets are, if possible, used in the recovery of the minute particles of gold dust that have hitherto been lost in greater profusion than ever. Some of the newest show plaided effects. the work of separating the metal from A useful bodice to wear with skirts of the ore. The economical value of the black satin, silk or lace, is of black Chan-

process has been abundantly proved. An engineer on the Iron Mountain Road, of Missouri, has perfected an automatic bell-ringer on his locomotive, and now when running in corporation limits or whenever the bell must be rang he

just jerks a spring and the bell, is kept going by steam power till he turns off the steam.

A new incaudescent lamp has been in-troduced which is said to obviate discoloration. The carbon filaments are made from raw silk threads put through a careful process and capable of bearing high temperature. A suspended needle is fitted inside from the socket to the glass

tip, and this prevents shaking and attracts the particles of carbon to it. An Italian journal describes a new pharo-light, which is said to be as powerful as the electric light, and the effi-

ciency of which is not impaired by fog. as is the case with the latter. A clock and summer. She is very fond of games of chance. work arrangement pours every thirty seconds ten centograms of powdered magnesium into the flame of a round wick-

lamp, producing an extremely brilliant Bash of light.

An Automatic Fhotographic Machine. An automatic photographic machine has been invented, and it will soon be launched by a company of London capi-talists; it is not unlike the devices which are used in Chicago to register one's weight. The machine is in the form of a large square box mounted on a hollow pedestal. On the front center is a small

lens, surmounted by a mirror; a money slot is in the top left-hand corner. The person who is to be photographed takes his stand in front of the lens, with his back to a post or rail fixed at a distance

cluding mountain tops and rivers, in the

Empire; eighty per cent. of the entire taxable real estate of Germany is mort-

gaged, "with mortgages," says Presser,

The German farmers, according to Dr. Jaeger, pay \$125,000,000 a year interest

on mortgages, and Stoepel, another Ger-man writer, says it is far above that sum.

Italy is mortgaged forty per cent. on all her taxable real estate; Sweden thirty-

three per cent., and others in like pro

portion. These are all old countries,

and their mortgages represent genera-

tions of unprofitable farming, not the

development of a great and new em-pire.-Glereland Leader.

Habits of Frogr.

ha, Wis., gives some interesting facts relative to the frog's habits. In ninety-

one days the eggs hatch. The thirty-

ninth day the little animals begin to have

motion. In a few days they assume the

tadpole form. When ninety-two days

old, two small feet are seen beginning to

sprout near the tail, and the head ap

pears to be separate from the body. In

five days after this they refuse all vegeta-

ble food. Soon thereafter the animal as-

Metropolis of an Extinct Race.

son, Wis., who is a noted archaeologist

and an expert on the work of the mound

Rev. A. N. Somers, of Fort Atkin-

sumes a perfect form.

The owner of a frog farm near Menas

a German writer, "scarcely redeemable

of three feet from the machine, and ad-justs himself so that his full face shall be

### A dog was actually tried for his life in the Boston Municipal Court recently,

Long vells grow longer and fuller. The defendant was a handsome setter Many new street garments are in very named Towser. His master retained able counsel. The dog was placed in the prisoner's box, and amid the titter Velvet is the favorite finish for light of the spectators and the smiles of Judge Mushroom and leather shades lead in Curtis, the trial began. A man sworo that the prisoner had bitten him, and he therefore wanted him killed, according Connecticut has but one woman lawto law: On cross-examination witness admitted that he had provoked the pris-A novel favor is a Brazil nut in bisque oner by teasing him. Several witnesses for the defence testified as to the good Toques are so small they fit the head character of the accused. The latter almost like a jockey cap. was then brought forward in his own be-The newest gold embroideries are sup-

half and furnished testimony as novel as it was effective. At various commands he played dead, walked on his hind legs Victor Hugo's only daughter is an old about the room, stood on his head, shouldered arms, whined dismally in Suede gloves in old rose shades are imitation of a song and wound up by marching up the steps to the Judge's desk on his hind legs and shaking paws Some of Philadelphia's fasionable girls with his honor. The Judge, without a Over 40,000 girls attended the cookmoment's hesitation, said, amid cheers 'Towser, you are a peaceable and or-Plaid percales, sateens and challies deriy canine. I give judgment in your behalf and dismiss you, the plaintiff pay-ing the costs." Leaving the room, the Julia Ward Howe is the best Greek

dog received an ovation .- Utica (N. Y.) Herald. The Astonishing Spread of Leprosy.

A Dog on Trial for His Life.

According to Dr. Morell Mackenzie, eprosy, the scourge of the middle ages, has not become practically extinct among Europeans, but is really spreading. It has between 1000 and 1200 victims in Norway, is also found in Portugal, Greece and Italy, and is rapidly spread ing in Sicily, in the Baltic provinces of Russia and in France, while the British islands are not exempt from it.

found in California, in some of the States of the northwest; in Utah and in Louis tana. Many cases exist in New Brunswick. In the Sandwich Islands the discase first broke out in 1853, and there are now 1100 lepers in the Molokai settlement alone. The disease is extending in the West Indies .- Chicago Herald.

juice of California figs, combined with the medicinal virtues of plants known to be most b neficial to the human system, acts gently on the kidneys, liver and bowels, effectually cleansing the system, dispelling colds and





### KISSED ANOTHER MAN'S WIFE.

You secondrel." relied young Jacob Green At his good neighbor, Brown,-You kissed my wife upon the street,-I ought to knock you down."

That's where rou're wrong," good Brown replied, In accents mild and meek; I kissed her: that I're not denied, But I kissed her on the check.-

wrapper and faithfully carried out for many years. It is a positive specific for lencorrhea, painful menstruation, unnatural suppressions, prolapsus, or falling of the womb, weak back, anteversion, restrover-sion, bearing-down sensations, chronic con-gestion, inflammation and ulceration of the womb.

vorite Prescription. I accept your apology. Good night." An unhealthy woman is rarely, if ever, beautiful. The peculiar diseases to which iso many of the sex are subject, are prolife causes of pale, sallow faces, blotched with unsightly pimples, dul, lustreless eyes and emaciated forms. Women so afflicted, a can be permanently cured by using Dr. Pierce's Favorite Prescription; and with the restoration of health comes that beauty which, combined with good qualities of head and heart, makes women angels of lovlines. "Favorite Prescription" is the only medi-cine for women, sold by druggists, under a positive guarantee from the manufactur-ers, that it will give satisfaction in every case, or money will be refunded. This guarantee has been printed on the bottlewomb. As a regulator and promoter of functional action, at that critical period of change from girlhood to womanhood, "Favorife Prescription" is a perfectly safe remedial agent, and can produce only good results. It is equally valuable when taken for those derangements incident to that later and critical period, known as "The Change of Life." A Rook of 160 spages, on "Woman and Her Diseases, their Nature, and How to Cure them," sent sealed, in plain envelops, on receipt of ten cents, in stamp. Advess, Woutin's Dispensionary Medical Association, No, 663 Main Street, Buffalo, N. Y.



and I did it because she looked so hand-some—the very picture of beauty and health. What is the secret of it i" "Well," replied Green, "since you ask it, I will tell you; ahe uses Dr. Fiere's Fa-vorite Prescription. I accept your apology. Good night." In the United States, cases have been

Confidence Begat of Success.

Condence Begot of Success. So successful has Dr. Pierce's Golden Medi-cal Discovery proved in curing chronic nasal catarrit, bronchiai and throat diseases, that its manufacturers now sell it through druggists under a positive guarantic of its benefiting of curing in every case, if given a fair trial, or money paid for it will be refunded. Consump-tion evideh is scrofula of the lungs) if taken in time, is also cured by this wonderful medicine.

The system of planting large potatoes whole should be condemned, says a writer in Indiana Farmer. Such superfluous use is not at all reasonable, and that of selecting small potatoes for seed, gamelle, in which the French soldier reeither cut or planted whole, is the re. ceives his rations, and which he carries verse of economy. Sometimes a good on his knapsack. The form is a little yield is obtained from small potato seed peculiar, so as to distinguish it from when the variety is vigorous and in line other ordinary tin mugs. A simple imwith favorable conditions. The eyes on - well-developed potato are large and French soldiers, has marched so often to capable of strong sprouts. The vigorous rout of a cutting from a potato has the received its reward in its glorification. advant: ge from the beginning. It yields When the young Duke of Orleans came better and withstands variations of before the court, and exclaimed: "I ask weather with greater uniformity than the for nothing but a gamelle," meaning small potato cutting with its numerous nothing but the treatment of a common small sprouts. The safe rule in prepar- soldier, the public readily seized upon ing potato cuttings is to select the best the emblem. samples within reach in health, uni- elapsed before formity, and size, and cut them in pieces with an average of two eyes to a cutting. in silver, gold and jewels, as pins and While the seed of a potato that is in its badges, which sold immediately as the prime m yielding qualities may be saved "tin mug" of Orleans," and were worn and continued in the same locality for all over Paris. A popular florist detwo or three years, it is best when prac. signed a vase in the shape of the "tin ticable to obtain seed every second year mug," and presented the first specimen to from a point 100 or more miles north of the Prince, who sent it to his bride, Mar-The potato will not acclimate; it garet de Chartres, filled with roses and VOIL loses vitality when kept stationary in one locality; it is benefited by change and inated a gamelle as a soup dish, and sent the movement should be from north to it to the noble prisoner full of bouillon. south.

### THE LATEST IN SWINE-PEEDING.

For the past three years the Wisconsin Station has been experimenting, for the purpose of determining the effects of various foods upon the carcass, hones and vicera of hogs. In all cases commeal has served as a ration for one lot of pigs under study, because corn is and must continue to be the staple hog-food at the West. Again commeal has been fed a ration containing part comment, but in addition such other ingredients as dried blood, peas, shorts or skim-milk-foods rich to protein, or lean-meat producing. To avoid redundancy, the phrase "corn ration" will be understood to mean corn, salt, ashes and water; "mixed ration" will mean part corn, and with the articles above meationed containing considerable protein, together with ashes, salt and water. Professor W. A. Henry says the following seem to be fair deductions from these investigations:

For the market price or cost of production, Indian corn is beyond all comparison the cheapest single food for hags. They will live a long time and make a fair gain upon an exclusive corn dict. When kept upon such a ration, they grow quite fat, but, when yet small, have the form and appearance of mature hogs, being dwarfed in size. When kept in the pen, they seem satisfied after eating, lying down in apparent comfort to await hogs given a mixed ration. The exclu- thistles,"-Philadelphia Record.

# The Gamelle.

There is a kind of tin mug called the plement which, carried on the backs of bles those of the cheap glass positive photograph, only that tin-plate is substi-tuted for glass. The mechanism is at victory, and of late to defeat, has at last present a secret, but the principle appears to be that of rotary arm which carries the plate through a series of chemical baths until the impression is developed and fixed .- Chicago News. Scarcely three days had elapsed before a great jeweler of the Rue Europe Plastered With Mortgages. de la Paix had hundreds of "tin mugs" The real estate of Great Britain and Ireland is mortgaged for fifty per cent. "tin mug" of Orleans," and were worn of its value; the tarm lands of Denmark are mortgaged for forty-one per cent. of their value, and the real estate of Copen hagen for seventy per ceut.; the real as tate of France is mortgaged for \$3,000,-000,000, or \$25 an acre for every acre, in-

### But this was not permitted within the prison. In the meanwhile, all Paris is sporting the soldier's tin mug in the tricolor, and the young Duke has left a fashionable ornament to remember him by .- The Ledger.

lilies of the valley. A restaurateur orig-

A Musical Tree. Accounts of reliable travelers describe a musical tree, found both in the West Indics and in Nubia. This vegetable phenomenon has a peculiar shaped leaf, and pods with a split or open edge. As the wind blows through these it gives out the sound which gives the tree its peculiar name. In the Barbadoes there s a valley filled with these trees, and when the wind blows across the island, a constant moaning, deep-toned whistle is heard, which, in the still hours of the night, has a weird and mournful effect.

A species of acacia, which grows very abundant in Nubia and the Soudan, is also called "whistling tree" by the natives. Its shoots are frequently, by the igency of the larva, of insects, distorted in shape and swollen into a globular bladder from one to two inches in diameter. After the insect has emerged from a ircular hole in the side of this swelling the opening, played upon by the wind, becomes a musical instrument, nearly equal in sound to a sweet-toned flute.

# Training to Make a GHb Tongue.

builders, has discovered that the little village Aztalan, Wis., is built upon the ruins of a city which was once evidently A pretty Kensington girl rattles this off like lunch: "Six affver sieves of the next meal. The carcass of corn-fed sifted thistles and a sleve of unsifted the capital of a vast region held by the Fogs contains more fat and less water, twenty-five per cent less muscle, or hean ment, and less blood than carcasses of sifted thistles and a sieve of unsifted mound builders. By recent excavations Mr. Somers finds that four cities have existed in the same place, one built upon the ruins of another,

reflected in the mirror. With his left A broad, low forehead is an attribute hand he then puts a coin in the slot and of beauty, according to the latest arbitration, and front hair is cultivated to remains motionless for five seconds. grow down about the forehead and temwhen the sound of a bell announces that the impression is complete. In forty ples.

seconds more the finished portrait, on a There are over 900 widows on the metal plate drops through the delivery pension roll of the Exempt Firemen's Asupon the shelf outside. Another coin, put in another slot, will bring out a sociation of New York city, each of whom draws \$60 a year. There is \$250,000 frame for the picture, but this luxury is wholly optional. The impressions resemin the fund.

Abby Burgess, now Mrs. Grant, has had charge of the Matinious light north of the Penobscot River for twenty-eight years-at first as aisistant, but was given full charge in 1866.

Miss E. P. Otis, the newest of New York's women editors, is described as being beautiful, five feet four inches tall, with light hair and a pretty figure. She is about twenty-four years old.

The Chinese Minister has consented to allow his wife to mingle with Washington society, but as she speaks no English and society speaks no Chinese, the benefit to either party will be small.

It has become the fashion in Chicago for men to buy their wives's bonnets. The milliners like the change, and say that as a general rule a man displays better laste than a woman in these matters.

"Carmen Sylva," the Roumanian Queen, is said to be an illustrious epi-She has invented a number of cure. palatable culinary compositions and occasionally cooks a dish for the King with her own hands.

# Your Blood

Needs a good cleansing this spring in order to over come the impurities which have accumulated during the winter, or which may be hereditary, and cause you much suffering. We confidently recommend Hood's Sarsagarills as the very best spring modicine By its use the blood is purified, enriched and vital-ized, that thred feeling is ontirely overcome and the whole body given strength and vigor. The appetite is restored and sharponed, the digestive organs are toned and the kidneys and liver invigorated.

"I was feeling very much wears out and found nothing to benefit me till I book Hood's Saraaparlik. Uhave now taken several bottles and it has made me feel perfectly well. I was also troubled with sores breaking out in my month, but since taking Hood's Carseparille may had no further trouble from them. I have remainmended it to others, who have been very much benefited by using it."—Min. Many Ap-banky, 677 North Water St., Decatur, HL

## Hood's Sarsaparilla

Sold by all druggists. \$1, six for \$5. Prepared only by G. L HOOD & CO., Apothnearins, Lowell, Mass. 100 Doses One Dollar



BHOOL, 35 WEITH SL. N. ROUK WOOD'S PORTRAITS. arte de viaite, tistype or discour-ied to a life size portrait for TEN BOLLARS bend for circular. IT Union Squa