A Belgian statistician has just publish d some interesting facts about the comparative sums paid by each sitizen in the various countries of Europe for war purposes and for education. In England war taxes per capita amount to \$4.45, educational to 75 cents; in France the respective amounts are \$5.17 and 33 cents, in Prussia \$2.83 and 58 cents, in Russia \$2.45 and 8 cents, in Italy \$1.85 and 16 cents, in Austria \$1.60 and 39 cents, in Switzerland \$1.16 and \$1. Of all these countries the last is the only one that makes a decent comparative showing for the instruction of youth. The Russian figures are peculiarly significant. .

Mr. Routledge held lately at a scientific meeting that the paper trade was probably the one which turned to immediate use more waste products than any other. In it was utilized cotton, flax, hemp and jute waste, and old ropes and canvas rags. In fact the paper manufacturer could turn to profitable purpose any vegetable fibre.

In Mr. Robert Bonner's noted Westchester county breeding stud there is a yearling colt which weighs 1062 pounds, yet with fine points and all the promise of a very fast trotter, The owner attributes the result to the experiment tributes the result to the experiment tried with the dam and the colt, which s substantially the same as that pursued by English breeders.

The manufacture of alcohol from wood has increased rapidly within a few years, and it is said to be used largely for patent bitters, ginger extracts and flavor makes in unnecessary to use a cial way. better quality of spirits. Wood alcohol is a dangerous product, and sometimes gives rise to serious disturbances of the get full of filth and rubbish, and will brain and nervous system.

Near Tabiana, Italy, the remains of a fossil elephant have been found. The tusks measure 3.2 metres in length and 0.28 metres where they are narrowest. The find had caused quite a sensation, and there will likely be a careful excavation made when the winter is over.

When you visit or eave New York City, save baggage expressage and \$3 carriage Hire, and stop atthe Grand Union Hotel, opposite Grand Cen-

tral Depot.
600 elegant rooms, fitted up at a cost of one million dollars, \$1 and upwards per day, European Pian, Elevator, Restaurant supplied with the best. Horse cars, stages and elevated rafiroad to all depots, Families can live better for less money at the Grand Union Hotel than at any other first-class hotel in the city.

A tree is not a post. The post requires a small hole and deep; the tree a broad hole well filled with rich, friable

A Cure of Pneumonia.

Mr. D. H. Barnaby, of Owego, N. Y., says that his daughter was taken with a violent cold which terminated with Pneumonia, and all the best physicians gave says a scientific exchange, "from a pulp, the case up and said she could live but a consisting of one part vegetable fibre, two the case up and said she could live but a few hours at most. She was in this condition when a friend recommended DR. WM.

HALL'S BALSAM FOR THE LUNGS, and advised her to try it. She accepted it some sort of indestructible paper. as a last resort, and was surprised to find that it produced a marked change for the Kansas, "a number of physicians failed to better, and by persevering in its use a cure

Mulching the gooseberry is said to be one of the best preventives of mildew. Salt hay is an excellent material for the

To err is human, but you make no mis-take if you use Dr. Jones' Red Clover Tonic for dyspepsia, costiveness, bad breath, piles, pimples, ague and malaria, poor appetite, low spirits, or diseases of the kidneys, stomach and liver. 50 cents.

In feeding you want to notice that some animals are more dainty as to heir choice than others; their likes should be respected.

A Most Liberal Offer ! THE VOLTAIC BELT CO., Marshall, Mich., offer to send their Celebrated VOLTAIC BELTS and Electric Appliances on thirty days' trial to any man afflicted with Nervous Debility, Loss of Vitality, Manhood, &c. Illustrated pamphlet in sealed envelope with full particulars, mailed free.

The poultry business cannot be monopolized; every man, woman and child can raise poultry without depending upon large an ounts of capital.

THE FOUNDATIONS OF DISEASE ARE often laid by the irregularities of eating, sleeping and movement of the bowels experienced during traveling. To prevent an irregular action, and a torpid condition of the digestive apparatus, use Dr. Walker's California Vinegar BITTER!. No traveler by sea or land should fall to take it with him. It may save his life.

A cheap paint for barns, it is said, may be composed of twelve pounds melted pitch, one quart linseed oil and two pounds yellow ochre, mixed thor-

Hood's Sarsaparilla is made only by C. L. Hood & Co., Apothecaries, Lowell, Mass. It is prepared with the greatest skill and care, under the direction of the men who originated it. Hence Hood's | it. Sarsaparilla may be depended upon as strictly pure, honest, and reliable.

Tobacco smoke, tobacco water and the vapor or steam of tobacco water are the sure destructives of the aphis.

When you get your boots and shoes straightened use Lyon's Heel Stiffeners; they will save you money, give you comfort and keep them straight.

A rat-proof corn-bin may be made by lining the inside of an ordinary bin with

No. 4 wire. FITS: All Fits stopped free. Treatise and \$3 trial bottle of Dr. Kline's Great Nerve Restorer free to Fit cases. Send to Dr. Kline,931 Arch St., Phila., Pa.

Tickling in the throat is relieved by a

gargle of salt and water.





DR. RADWAY'S

The Great Blood Purifier, for the Cure of all Chronic Diseases.

Chronic Rheumatism, Chronic Catarrh in the Chronic Rheimatism, Chronic Carta in the Head, Scrofdia, Syphilitic Complaints, etc, Glandular Sweiling, Dry Hacking Cough, Cancerous Affections, Bleeding of the Lungs, Dyspepsia, Water Brash, White Sweilings, Tumors, Pimples, Blotches, Eruptions of the Face, Ulcers, Hip Diseases, Dropsy, Rickets, Salt Rheum, Bronchitis, Consumption, Diabetes, Kidney, Bladder, Liver Compilaints, etc.

SCROFULA

Whether transmitted from parents or acquired, is within the curative range of the sarsaparilian Resolvent. Cures have been made where persons have been afflicted with Scrofula from their youth up to 20, 30 and 40 years of age, by DR KADWAY'S SARSAPARILLIAS RESOLVENT, a remedy composed of ingredients of extraordinary medical properties, essential to purify, heal, repair and invigorate the broken down and wasted body. Quick, pleasant, safe and permanent in its treatment and cure.

sold by all druggists. One dollar a bottle.

For the relief and cure of all Pains, Congestions

DR. RADWAY'S PILLS For DYSPEPSIA and for the cure of all the dis-

DR. RADWAY & CO., 32 Warren St., N. Y

THE woody fibres which go to make

up the bulk of a timber tree are nothing but cells of a particular form thickened by the deposit of woody matter in other alcoholic compounds whose strong | their interior, and aggregated in a spe-

> need attention every day. The water for horses should be as pure as can be

> growing state. One plantation in Sanoma county yielded, last season, 40,000 pounds from 200 acres. SEEDS buried too deeply receive a de-

CALIFORNIA is becoming a cotton

ficient supply of air. As a rule, seeds require to be sown more deeply in proportion to their size, and the lightness of the soil. IT is said that a saving of half a cent

a bushel in gathering the corn crop of Kansas would be an aggregate economy of nearly three-quarters of a million "TEN acres properly cultivated are

worth tifty half done," was wisely said by the retiring president of the New York state agricultural society at the last annual meeting.

"Fire-proof Paper May be Made," help her. Dr. Pierce's 'Golden Medical Discovery' cured her.'' All druggists sell this remedy. Everybody ought to keep it. It only needs a trial.

Peas, of the round kinds, may be planted very early. The wrinkled are more tender.

What a Changel

A few short weeks ago that young girl was the personification of health, vigor and beauty. The blush upon her cheeks ri-valled that of the rose; her step was light and buoyant, her every movement was a revelation of perfect physical health. Yet now she is pallid and haggard, and her superabundant vitality has given place to a strange duliness and lassitude. What has caused this change? Functional irregularities, which can be cured by Dr. Pierce's "Favorite Prescription," a remedy to which thousands of women to-day owe their lives. All druggists.

Dry earth or muck in the stable will save manure, prevent disease and keep the milk from being tainted.

A perfect specific-Dr. Sage's Catarrh

To have early potatoes keep the seed potatoes in a warm room to start the

The purest, sweetest and best Cod Liver Oil in the world, manufactured from fresh, healthy livers, upon the seashore. It is absolutely pure and sweet. Patients who have once taken it prefer it to all others. Physicians have decided it superior to any of the other oils in market. Made by Caswell, Hazard & Co. New York.

CHAPPED HANDS, face, pumpies and rough skin cured by using Jumper Tar Soap, made by Caswell, Hazard & Co., New York,

See that the cows have a dry place to lie on. Their udders should not be imbedded in and incrusted with filth.

Man, Woman or Child attacked with Bright's Disease, Diabetes, Gravel or Urinary Complaints should use the best weap n-Dr. Kilmer's SWAMP-Root, Kidney, Liver and Bladder Cure. It goes right to the spot. Price 25c., \$1.00.

If the oven is too hot when baking place a small dish of cold water in

The best Ankle Boot and Collar Pads are made of zinc and leather. Try them

Wind colic is promptly relieved by peppermint essence taken in a little warm water. For small children it may be sweetened. Paregoric is also good.

"What a lovely head of hair she has?" ural Petroleum Hair renewer, she would confer a great favor to all her sex.

For pains in the chest or stomach, as much Dover's powder as will he on a silver 5-cent piece.

Frazer Axle Grease.

The Frazer Axle Grease is better and cheaper than any other, at double the price. Ask your dealer for it, and take no other. Sleeplessness caused by too much blood in the head may be overcome by applying a cloth wet with cold water to the back of the neck.

to use. It is not a liquid or a snuff. 56c

Hood's Sarsaparilla

Combines, in a manner peculiar to itself, the best blood-purifying and strengthening remedies of the vegetable kingdom. You will find this wonderful remedy effective where other medicines have failed. Try it now. It will purify your blood, regulate the digestion, and give new life and vigor to the entire body. "Hood's Sarsaparilla did me great good. I was tired out from overwork, and it toned me up." MRS. G. E. SIMMONS, Cohoes, N. Y.

"I suffered three years from blood poison. 1 took Hood's Sarsaparilla and think I am sured." Mrs. M. J. Davis, Brockport, N. Y. Purifies the Blood

Hood's Sarsaparilla This successful medicine is a carefully-prepared extract of the best remedies of the vegetable

kingdom known to medical science as Alteratives, Blood Purifiers, Diuretics, and Tonics, such as Sarsaparilla, Yellow Dock, Stillingia, Dandelion, Juniper Berries, Mandrake, Wild Cherry Bark and other selected roots, barks and herbs. A medicine, like anything else, can be fairly judged only by its results. We point with satisfaction to the glorious record Hood's Sarsaparilla has entered for itself upon the hearts of thousands of people who have personally or indirectly been relieved of terrible suffering which all other remedies failed to reach. Sold by all druggists. \$1; six for \$5. Made only by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

100 Doses One Dollar

inegar Bitters is the great Blood Purifier and Life-giving Principle; a Gentle Purgative and Tonic; a perfect Renovator and Invigorator of the system.

En Vinegar Bitters there is vitality but so also being or mineral resistant.

In Vinegar Bitters there is vitality but no alcoholic or mineral poison.

Diseases of the Skin, of whatever name or nature, are literally dug up and carried out of the system in a short time by the use of the Bitters.

Vinegar Bitters allays feverishness. It relieves, and in time cures Rheumatism, Neuralgia, Gout, and similar painful diseases.

Vinegar Bitters cures Constipation and prevents Diarrhos.

Vinegar Bitters cures Constipation and prevents Diarrhosa.

Never before has a medicine been compounded possessing the power of Vinegab Bitters to heal the sick.

Send for either of our valuable reference books for ladies, for farmers, for merchants, our Medical Treatise on Diseases, or our Catechism on Intemperance and Tobacco, which last should be read by every child and youth in the land.

Any two of the above books mailed free on receipt of four cents for registration fees.

B. H. McDonald Drug Co., 532 Washington St., N.T.

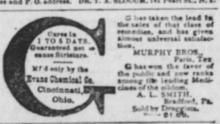
R. H. McDonald Drug Co., 532 Washington St., N.Y.

SEEDS FOR TRIAL FOR LATE PLANTING. yielder known; Sweet Potato Pumpkin; Honeywokile Watermelon; Strawberry Preserving Tomato-very superior new seeds. The lot malbel for dime. No stamps. Paper of Summer Radisbes thrown in. JAMES HASLEY, Seed Grower, Madison, Ark. FOUR ACRES OF CARRAGE PLANTS for sale, at \$1.50 a 1000, by E. J. BULL, Olyphant, Lacka. Co., Pa.

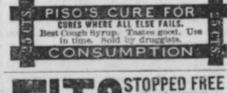
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Safe and always Redable. Beware of worthless Immitations. Indispensable to LADIES. Ask your Drusgist for "Chichester's English" and take no other, or inclose 4c (stamps) to us for particulars in letter by return insil NAMS PAPER.

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2213 Madison Square. Philada.. Pa. Sold by Drusgists everywhere. Ask for "Chichester's English" Penneroyal P.IIs. Take no other.









HABIT CURED. DR. J. C. HOFFMAN, Jefferson, Wisconsin Palms' Business College, Philadelphia. Terms only \$40 Situations furnished. Write for circular

S Ble fric Belt and Suspensory for K dneys, Pa'n. Nervous and Weak, Fletcher & Co. Cleveland, O.

WELL BORING AND ROCK DRILLING MACHINES. Tools for all kinds of Well making LOOMIS & NYMAN, TIFFIN, OHIO.

Pensions for Circulars, COL L. BING-Cigarettes, &c. Liberal arrang ments. Salary of Commission. Address immediately, NEW YORK & HAVANA CIGAR CO., No. 1 Fourth Av., N.Y. KIDDER'S PASTILLES. Price Sorts, by mail STOWELL & CO.

A FEW grape vines planted along the borders of the walks and trained to meet overhead will not only provide was said of a certain young lady not long ago, and if she would only tell the world that she used Carboline, the nat-

MANY Connecticut farmers have been successful in raising early amber cane, and getting a good quality of both syrup and sugar from it. The yield has keeping them in clover pasture. They ranged from 100 to 300 gallons of syrup | will even eat some clover hay in Winper acre, at a cost of about 26 cents per

ONE school district in Maine, containing eighteen farms, received over \$10,000 for apples sold in a single

FARM NOTES.

GROWING ONIONS -The man who believes any soil strong enough to grow onions will be disappointed in his crop. Few vegetables can endure so much potent manure, and although the roots do not reach far they manage to secure all the fertilizing material they can assimilate. The onion perfects its growth in a short time, and always early in the season. With the extreme heat of August they ripen up, be they large or small. Therefore, it is important to aid growth during this short period. Whenever possible, it is advisable to prepare the soil during the previous Autumn, applying as much strong manure as can conveniently be ploughed under. By leaving the ground in ridges the soil will be mellowed by the frost, and the next Spring it may again be ploughed and made fine. Onion sets, that is bulbs of one season's growth, can scarcely be too small, as those of large size are apt to run to seed, and, in fact, never make large solid bulbs. These sets must never be planted deep, but merely pushed into the surface, as roots will start from the base if merely placed in contact with moisture. Some growers even insist upon uncovering their bulbs during the growing season. but this is extreme culture. The sweep. ings of the chicken-house, dried and pulverized, form an excellent dressing for the beds after the sets have made a start, although it is too strong in ammonia for most crops. Those who dislike bed culture often form slight ridges of soil, say two feet apart, and along the summit of these place the sets, with a parsnip seed between every two. In the intermediate space, late in the season, may be planted celery or cabbage, so as to utilize the entire surface and reap the full benefit of the manure.

Good cows, like good people, die young. The high feeding which such cows receive is probably in part respons ble for this. We can feed higher when a cow has green feed, and the ability to feed larger quantities of grain and meal may prove one of the important advantages of ensilage.

An excellent vegetable is salsify or "vegetable oyster." It is not grown as generally as it ought to be, and is often hard to obtain. It should be sown early in the spring, in deep, rich, mellow soil, and not a weed should be suffered to dispute the ground with it.

A HANDFUL of linseed meal about three times a week will do your horse good in more ways than one.



Strengthens the Mu

Enriches the Blood. Gives New Vigor.

Enriches the Blood. Gives New Vigor.

MRR ELIZA JENEMER, 69 Hemlock St., Allegheny,
Pa., says: "For several years I have suffered with
Back-ache and Weakness. The various remedies I
used afforded but little relief. Three bottles of
Brown's Iron Bitters cured me.

MR. ALFRED BRIGGS. Petersburg. Va., says: "I
have for pears been an intense sufferer from pains
in my back, loins, kidneys and bladder, have tried
innumerable prescriptions and preparations without
benefit. Two bottles of Brown's Iron Bitters entirely cured me, and I gratefully recommend it.
Gennine has above Trade Mark and crossed red lineon wrapper. Take no other. Made only by
BROWN CHEMICAL CO. HALTIMORE. M1

Stains on cups and saucers may be removed by rubbing with ashes.

We believe Hall's Hair Renewer has no qual as a remedy for scalp diseases, Ayer's Ague Cure never fails to cure all diseases caused by malarial poisoning.

SHEARING SHEEP WITHOUT WASH-ING.—Comparatively few farmers wash their sheep before shearing, though formerly this practice was almost universal. The carrying of a mass of wet wool on their back for several days until it dries out is very detrimental to their health. If the sheep takes cold the wool becomes harsh and its quality is injured. And with the most careful washing of 'the sheep's back the fleece will not be clean and will often indeed be as full of dirt by the time it is sheared as it was at first. Finally, sheepwashing is a nasty, wet job, and often accompanied by more whiskey drinking than any other operation on the

GRINDING SCREENINGS .- The broken grains, together with seeds of chess and other weeds, which accumulate in the screen-box, should always be ground before feeding. There will more or less weed seeds go through any kind of stock, even poultry, without losing their vitality. In fact, well-fed hens will not eat many weed seeds unless ob-liged to, and it is not good policy to compel them. The ground screenings, weed seeds and all, can be most profitably fed to store pigs. The wheat in them is excellent and sound wheat is almost too costly for making pork at present prices for both.

BULKY FOOD FOR Pros .- One of the difficulties in keeping pigs in the pen is in providing something to distend their stomachs. If, in its season, cut clover is fed green to pigs where they will eat ter when fed with meal or grain, though this can not be made a staple food, as it may be for other farm stock.

OATS and rye are very similar to each other in composition. To make a good feed for horses, corn should be EXPERIMENTS in draining roads with mixed with them. A bushel of rye, Piso's Remedy for Catarrh is agreeable securing good wagon roads for the west-

BLOOD BITTERS BITTERS BURDOCK

Purify the Blood.

FOR That Ache in Small of Back.

BITTERS BITTERS BURDOCK BLOOD BURDOCK BLOOD

Rashes and all Skin Eruptions. Sound, Refreshing Sleep.

BURDOCK BLOOD BITTERS BURDOCK BLOOD

CURES

That Tired, Weary Feeling. Dyspepsia and Constipation.

Sick Headache.

Dyspepsia. GENTS:—I have been subject to Sick GENTS:—I feel it my duty to say Headache for years, and have tried in respecting Burdock Blood Bitters that vain, many advertised remedies and it is the best medicine I ever took. I several physicians, but all to no purpose. suffered two or three years from stom-

At last I tried your B. B. Bitters-with- ach troubles and dyspepsia as well as out much faith, I admit-but to-day I from liver and kidney complaint. I was can truly say, that after taking the not able to attend to my business. My third bottle I have not suffered from it. wife was afflicted in much the same I recommend it to all my friends; sev- way. We read of your Bitters in the eral have been cured by it. My little papers and made up our minds that we grandson was permanently cured of would try them. The result is my wife Billousness and Sick Headache, which and I began to improve at once and I was so severe as to cause convulsions. am now able to do more hard work than They have all ceased since he com-before in ten years. It relieved my kidney troubles as well. We both wish menced the use of B. B. B. you the makers of it, Godspeed. Mrs. B. C. BODLE,

JOSEPH LANDON, Chelsea, Vt Orange, Luzerne Co., Pa.

HAMMOND'S SLUG SHOT

An extraordinary attempt has (the St. Petersburg correspondent of the London Chronicle says) been made to procure copies of the secret maps and plans kept at the Office of the Etat Major at St. Petersburg. The person ELBEL & CO., Canton, O. who made the attempt is a young man about twenty-six years old. He obtained admittance to the office by disguising himself in the uniform worn by the clerks, and, having thus penetrated to the room where the maps and plans were kept, began boldly to make copies of them. At first he was not interfered with, but after a time suspi-

cions were entertianed and he was questioned. His replies being unsatisfactory, he was arrested, and a strict inquiry is being made into the matter. It is supposed that he is connected with the Nihilists, but few particulars are obtainable. He refused to give his Contains no Acid. for sample can FELE by RUSSIA CREEKT Co. Gloucester Incombustible paper is made with a mixture of ninety-five per cent. asbestos of good quality and five per cent, of any vegetable fibre. The asbestos is bleached by alternate treatment with permanganact of potash solution and sulphurous acid. The paper is rendered fit for writing upon by treatment with a mixture of lime and borax and

on by fire. Chlorate of potash dissolved in water is a standard remedy for sore throat,

subsequent calendaring. By writing

on such with a solution of platinum chloride, thickened with gum, and col-

ored with a pigment, the characters are

rendered permanent, the platinum

chloride being reduced to metallic pla-

tinum, which, of course, is unacted up-

name.

particularly if the throat feels raw. DR.KILMER'S INDIAN CONSUMPTION Oil.



Throat, Bronchal Tubes, Air-cel What Diseases Invade the Lungs! Scrofula, Catarrh-poisons, Micro-organs, Humors, and Blood Impurities. What are the Primary Causes? Colds, Chronic Cough, Bronchitis, Conges-tion, Inflammation, Catarrh or Hay-Fever Asthma, Pneumonia, Malaria, Measles Whooping Cough and Croup.

RELIEVES QUICKLY-CURES PERMANENTLY It will stop that Coughing, Tickling in Throat, Dry-hacking and Catarrh-dropping. Is your Expectoration or Sputa Frothy Blood-Stained Catarrhal Pus (Matter) Yellowist. Canker-like Phleym Tuberbular Muco-purulent I I prevents Decline, Night-Sweats, Hectic-Eever, and Death from Consumption. 25c, 50c, \$1.00—6 bottles \$5.00. Prepared at Dr. Kilmer's Dispensary, Ringhamic N. Y., "Invalids' Guido to Health" (Scht Free). SOLD BY ALL DRUGGISTS.

weigh sixty punds more than i ever did in my life. It has been three yours since I stapped the use of the medicine, but i have had no resure, of the disease, and there are no pulse or weakness fet in my lungs I do the hardest kind of work.

Moutromers, Ala., June 25, 1885.

wift's specific is entirely vegetable. Treatise on Brood and Skin Discasses mailed free. The Swift Specific Jo., D awer 3, Atlanta, Ga., or 157 W. 264 St., N. Y.

NUMAN'S LAWN PUMP



No Rope to Cut Off Horses' Manes.

Celebrated 'ECLIP~K' HALTER
and BRIDLE Combined, cannot
be Slipped by any horse. Sample
Balter to any part of U.S. free, on
receipt of \$1. Sold by all Saddlery. C. LIGHTHOUSE, Rochester, N. Y. Grind your own Bone,

try. Also POWER MILLS and FARM FEED MILLS. Circulars and Toximonials sent on application. WILSON BROS., Easton, Page ICNTHYOL The wonderful remedy of rinkbemmatem. Skin-dweases, Scrotula, Consumption, Cetarch. Piles, Stemach Diseases and Chronic Cold. For circulars address. WHITE. Box 2136, N. Y. City.

Agents wanted. DOLLARS each for New and Perfect SEWING MACHINES. T Warranted five years. Sent on trialifies Warranted five years. Sent on trial if de-it dass sired. Buy direct and save \$15 to \$35. Organic given as pressitutes. Write for FRE cir-cular with 1965 isolinouslab from every state. GEO. PAYNE & CO. 44 W. Nonroe St., Chicago

THURSTON'S PEARL TOOTH POWDER

Ball'S FlatS, Rheumatic Remedy.

Keeping Teeth Perfect and Cums Healthye

Dr. WARD & CO., LOUISIANA, MO. DATENTS Obtained Send stamp for Guide, E.

Free Farms SAN LUIS

FRAZER AXLE

BOOK AGENTS WANTED for PLATFORM EGHOES By John B. Gough.,

STOPPED FREE