HEALT WEALTH MUST BE TREATED IN TIME OR D IN CERTAIN DEATH

Some of the Symptoms are Palpha After Slight Exertion, Sometimes Pains, Dizziness and Fainting Spen

EP DRAINS IN CLAY SOIL. From the Echo Plattsville, Ont From the Echo Plattsville, Ont. The Echo has read and has public many statements from people n the surface from rains or melthave been cured of various ailments the timely and judicious use of Williams' Pink Pills for Pale Per but never before have we had a personally convincing proof of the and one-half feet, as below that, efficacy as in the case of Mrs. Geo Taylor, who with her husband soil has always been wet, there family reside in this village. To for or no veins through which Echo reporter Mrs. Taylor gave majer may be led to the underfollowing history of her illness We know a farmer who believcure, and asked that it be given widest publicity, so that others mis deep underdrainage for most of be benefited: "I am thirty-two re ed but who had one low and nearof age," said Mrs. Taylor, "and in field with heavy clay subsoil. my husband and myself were living be ditched only two feet deep, a farm in Perth county, and it there I was first taken sick. The as an underdrain every twenty tor who was called in said I was suff seross the field, and emptying it ing from heart trouble, due to n beer underdrain at the farthyous debility. All his remedies pro d where there was a better fall. of no avail, and I steadily grew wor The doctor advised a change, abl this drain was more effective we moved to Moncton, Ont. st than if the tiles had, been laid I put myself under the charge of gand farther apart. But, though other physician, but with no better sults. At the least exertion my he would palpitate violently. I was f quently overcome with dizziness While in cure troubles like mine, but with better results, and I did not expect in feet I for bush is desired to this them and then let them grow. recover in fact I often thought and even occasioned some an- the cuttings remain, but if a tree or would be better if the end came my life was one of misery. We more back to the farm, and then oned In fact, we doubt whether so read the statement of a lady who ! been cured of similar troubles by file as this laid shallow could use of Dr. Williams' Pink Pills. so manent. The effect of the unsaid to my husband that I would an is to constantly increase the this medicine and it seemed to me t which winter freezing will it was my last chance. Before the fi nte. It was not many years bebox was finished I felt an improvement the drains filled up and had in my appetite and felt that this wa plaid. Even the roots of grass hopeful sign. By the time I had u mips would work down into the three boxes more my trouble seen to be entirely gone, and I have not f read held to the hope that when a single recurrence of the old so was a flood of water, as there toms. Since moving to Plattsville on spring, sometime the water have used two boxes and they had effect of toning up the system i slight indispositions. day I am a well woman and owe I was like dead and brought back to life, an are afflicted to give it a trial." It has been proved time and ag that Dr. Williams' Pink Pills of over the tile to make a conduit are no stones in the neighbourlar soil up while water can work under and through it. Freezing

heart troubles, nervous debility, r matism. sciatica, St. Vitus' dance stomach trouble, They make t blood and build up the nerves, res ing the glow of health to pale and low faces. Be sure you get the gent is no other medicine same as" or "just as good" as Dr. not have them they will be sent I drained clay soil will be paid at 50 cents a box or six boxes \$2.50 by addressing the Dr. William to down fully as low as the tile. Medicine Co., Brockville, Ont.

# MAKING WOOD ALCOHOL. he Beadly Substance That Thirsty To

Sometimes Brink.

It is necessary first to convert into liquid. The strongest hydra pressure would not squeeze ial into an iron retort and converti s. There are two kinds of canit into charcoal by means of heat t gaves and smoke, to the extent of lu 65 per cent. of the weight of the wo may be condensed into pyroligne acid, from which are obtained alcohol, acetate of lime and wood to A cord of wood weighing 4,000 pour produces about 2,650 pounds of pyl gneous acid and 700 pounds of coal. The pyroligneous acid from cord of wood produces nine gallon 82 per cent, crude wood alcohol, pounds of acetate of lime, and a besides 35 bus at and smearing them with the pyrolighes as the star; others use vaacid is neutralized with lime the ther bands and traps, but to is distilled off, the lime noths ascend the tree, and in jans to a sugar, which is dried becomes the acetate of lime merce. Acetate of lime is used making acetic acid.

Fully three-fifths of the wood hol and acetat of lime produc a so produced in Sweden. exhibition now being held in holm specimens may be seen. alcohol affords a perfect substitut alcohol affords a perfect substituting hour previous years, a thorgrain alcohol for manufacturing should be given just It is used prin in making cel and photographic paper. It is antisepti is used for liniments and for skill bing in bathhouses

# DIPHTHERIA IN RUSSIA.

In Russia 11 laboratories gaged in the manufacture of theria serum, in which the entire ple place great confidence, a without reason, as in 4,631 regis cases in which the serum was use death rate was but 14 per cont. a 31 per cent of the 6,507 cases in " was not employed

HINTS FOR THE FARMER.

log it. For two or three years

of water to the drain as

as well as other insects of

trigs of the apple trees, while

erappears during warm spells

vinter and early spring. The

atths are wingless and as they

esed their pupal form in the

artes is by crawling up the

the trees. Some endeavor to

a noths, as they ascend the

placing bands of paper about

tal they must be applied be-

or that it was not thor-

ssoms open, and it should

and again if necessary.

sould be in the form of

and should cover every

This will also aid

when the work has been !

the cost of the mix-

fact that nearly all va-

their fruit, by the

lingus, it will generally

asterial wixture to the

arsenite upon the

to add lime to the

soon as the blossoms

BEDS. As soon as the berries have been picked, mow the entire field close to the ground, and when the tops are dried. burn and with a turning plow hardeep an underdrain should be, row down the rows to six inches and to the beginner to depend very harrow both ways. Then with a hoe to the depth to which the soil is plants desired. The field is then culting winter. That also is winter. The field is then culting the depth to which the soil is the condition that the condition that the condition the condition that the condition the condition that to the depth to which the sort of the rose family. It is to be found in this as well as everything else, there is a right and the rose family. to freeze the depth to which wa- tivated the same as a new field.

RENEWING OLD STRAWBERRY

the surface from talk only a good variety of tea should be will readily leach down. It tivating strawberries, the several weed- tree, it is a large one. This bark is used; a pot of stoneware or china is ers do good work after the plants are used all over the civilized world for seem necessary in a rentenset. The small weeds are killed and cleaning woollen and sometimes silk that has not be fresh water seem necessary in a real seem necessary in a r used a little later. The ordinary twoshovel cultivators are often used ex- Steep a pound of soap bark in a quart a very few minutes and it must not other. Good Natured Man." while tensively and are good instruments of boiling water, letting it gradually stand, but be served as soon as drawn. al in "The Good Natured Man," while early autumn cultivating. The spring duced one-half. Strain it off into a

# HOW TO GROW GOOSEBERRIES.

useful fruit should not be found abun- moving grease. dantly in every garden and fruit patch. They are no trouble to raise. They are and for general cleaning purposes grown very easily from cuttings; take there is nothing better. It is very intwo-inch sele tile were used, the the wood of last year from six to ten expensive also. of the underdraining was quite inches in length, prepare the place and though at first the soil where they are to stand permanent- bark, fasten it firmly to a bare, clean my limbs would become cold and oft we feet depth was not easily penmy husband thought I was dying aby water, yet the action of frost than four inches, press the dirt firm- that can be extracted with gasoline, tried several medicines advertised growing roots in sum-

> the last three times in wa
> the last three times in wa
> utes for it to strike through and you nal Wiseman, Napoleon III., and John surface. Let them stand three feet apart in the rows and rows four feet

In the spring remove all of the dead hot iron until it is perfectly dry. wood and prune carefully and in this way you will have a very good crop.

#### THE NATIVE SEEDLING APPLE.

The native seedling apple, budded or grafted right where the seed sprout. It possesses many of the same soapy ed, so that the stock has the original tap-root, and all others uninjured, does flush the conduits and expel make a longer lived and more healthy When steeped or even agitated in wahad clogged them up. But at two tree than one transplanted from the ter they produce a considerable lather. both the mass of roots was too nursery. A former owner of a The common pink and other memlife to Dr. Williams' Pink Pills, and In the end the tiles were taken portion of my farm here did consider- bers of the same order of plants also restoration seems not drings three feet deep were able of this promiscuous grafting and possess this characteristic, Soapwort is brough These did not fill up, and since it has been in my possession the a plant that was first introduced from the soil are below the reach of fine fruit gathered from these scatter- Europe and in some parts of the councannot speak too highly of this me feering that will injure them. In ed trees about the place have impress- try it has become so common that it is cine, or urge too strongly those a troublesome weed. meritain at first at least three class of work.

## ARTIFICIAL WILLOW.

is a weeping willow made of copper, and so dexterously fashioned that at to this to clay very quickly. Afa distance it resembles a real tree. It liams' Pink Pills. If your dealers the owner of a is actually a shower bath, for by press- of September. How many of those who you are recognizing in some one else ing a secret tap, a tiny spray of water can be made to burst from every branch and twig of the tree, to the Wherever a clover root de- discomfort of any who may be under ing upon the delicate feathery periph- ed to laugh at or to love in the works ere will be ever after as good it.

# INFECTING FISH.

Tuberculosis has been communicated to fishes by French bacteriologists, aset has in some seasons done and proves fatal very quickly to them, am to apple trees, and, when whether the bacilliare derived from huof I per cent, of the moisture from des have been unchecked for man beings, rabbits or hens, or from wood, but by putting the same mate three years, it has even killed previously infected fish. Tuberculous bloomed. The green calyx now closes, and the list of great authors were bacilli from fish, however, have very to remain closed for a week, while the drawn from lay figures selected by the little effect when injected into rab- stem generally bends outward and thus writers from among the people with the bits and fowls, the inference of the coldbits and fowls, the inference being that October and November up- er blood of the fish.

# SAVED THE DAY.

An Aide de Camp ran hurriedly to the General's side and gasped. General, the only way they can reach to charge. the enemy's bicycle corps is preparing

Ah. replied the General with great satisfaction, now we have an opportunity to see what our tack-throwing morters can do. Let them open fire

In three minutes the intervening ground was strewn with tacks, and the attacking corps was obliged to retreat in confusion. The day was saved.

# A STRANGE CZAR.

thept in a condition to act as thenever the ground is not From all accounts Czar Nicholas II. on October to May. As this is really very fond of his wife, much the insects, even at the to the Dowager Czarina's disgust, as the insects may evade the she finds she is not the power behind she insects may evade the she finds she is not the power behind to be. principal reliance is upon the throne that she expected to be. the throne that some reported, but it is The easy ceremony of the Russian court to the spread of the street of the the spraying was delaygives great displeasure to sticklers for so was hatch about the time time-worn forms. Their Imperial Massi in previous years, a thorjesties actually exchange endearing phrases in public, a thing previously unheard of in Russia.

# INQUISITIVE.

car on to the other line of rails. Look they are easily blown away. out! there's a car coming! said the

conductor. What? said the deaf man. There's a car coming.

aper and will permit the the Although it is the leaf man, and as he picked himself Although it will add | up he said: I wonder what that fool kept me dtacked upon their folithere talking about.

# FOR APPEARANCE SAKE.

Respond formula will Bridget.

Bridget.

Bridget—Well, ma'am, yez wouldn't

Bridget—Well, ma'am, yez wouldn't

Bridget—Well, ma'am, yez wouldn't sale of bordeaux paris how an unmarried lady be sittin' alone Bridget—Well, ma'am, yez wouldn't how an unmarried lady be sittin' alone with only wan policeman, would yez?

Tea has ever been considered a non-were Charlotte Bronte's characters in substantial.

The heart and loosens the tongue."

The has ever been considered a non-were Charlotte Bronte's characters in substantial.

The heart and loosens the tongue."

The heart and loosens the tongue." The other wan wuz a chaperon.

# - www.

VEGETABLE SOAPS.

The familiar soap bark sold in our Russia, which ranks next to China.

We will give a few rules for its use: tooth cultivators do good work. Con- pail. Pour another quart of boiling to use of all except the very choice Michael Angelo painted them in. Dryinto the other liquid. Repeat the pro-There is no reason why this very with. It should be applied hot, for re-

To clean a piece of cloth with soap If a bush is desired let the buds on ally soiled with a little stiff brush.

People in Chili use soap bark for washing their hair and it is said to preserve it.

Another vegetable soap is the soapwort. This is the common Bouncing Betty of our gardens and roadsides. principles of the soap bark, and its dried leaves and root could, no doubt, be utilized in much the same way.

## ABOUT THE DANDELION.

Perhaps there is no commoner flow-One of the curiosities at Chats- er-out of cultivation than the danthe chapters of 'Eye-Spy?"

> draws the withered flower toward the whom they were acquainted. ground, often hiding it beneath the leaves. During this retirement, the stem continues to wither sideways and the flower is busy ripening its seeds, each yellow floweret having a seed of its own from which there grows a slender, hair-like stalk, with a tiny feathered parachute at the top. Gradually these little feathery ends push upward inside the calyx and on the seventh day, lo! the withered dandelion has appeared against the top of the grass. It now perhaps has just lost it and gives us ginal golden blossom of two weeks before, now a shrivelled mass, which has en and bend down against the stem, while the bed at the bottom to which the seeds are attached will round upthe shape of a ball. This rounded seed bed, or receptacle as it is called in the botany, shortly withers, and the winged parachutes will take flight at the slightest zephyr, whereas at first a smart breeze would have been requir-

Thus we see the connection between the dandelion puff and the hour of the day. As the day advances the seed bed The deaf man got out of the tram- withers, thus loosening the seeds so

# TEA DRINKING.

In these modern days, when tea The car caught and knocked down so cheap, that it is the comfort, not ury. But such is the case. In olden ledged. times tea often cost 50 shillings a pound and some special varieties were that sum.

Tea has ever been considered a womthe heart and loosens the tongue." Shirley" recognized by their origin- substantial.

Many are the little confidences and als that the latter called each other small gossips started round the tea by their fictitious names.

country in the world and the more ex- thing. Mme. de Stael depicted herpensive and choice varieties that are not consumed in China are sent to

Chili and othe rparts of South Amer- there i. a right and wrong way. First, Among the instruments used for cul- ica, and while it is not an abundant only a good variety of tea should be minutes, and it must be boiling hard | Charlotte Bronte was Jane Eyre, and

> A teaspoonful of tea to each half Fielding was the original of Tom pint cupful of tea served, with one for Jones.

cess again, then throw away the dregs a small quantity of boiling water over Cibber's in its place. Byron heavily and use the strained liquid to clean it and pour it off at once before it scored his critics, and Bulwer did a It is very good to remove grease frame. A silver spoon is put in the "Paul Clifford." Even George IV., of

# REMOVING OLD WALL PAPER.

Prepare a paste of flour and water about the same as you would have to hang new paper. If anything have it then sponge the cloth with lukewarm a little thinner. While it is still hot, soap bark until it is a mass of lath- take a whitewash, or any other large Browning scored Wordsworth in the ally soiled with a little stiff brush. brush, and give the old paper a good "Lost Leader." He also, at various ter of the same temperature of the will find that the paper will readily Home, the spiritualist. The latter figroom. The last rinsing water should be cleave off. I have used a putty knife, ured as Sludge, the medium. clear. Let the cloth become partly dry, as it has a broad square blade to work | Mme. de Stael drew Talleyrand's

LIVING ORIGINALS OF GREAT AUTH-ORS' CHARACTERS.

Some of Them Have Resented the Liberties -Well Known Characters in Fiction Who Are Portrayed by Themselves.

The characters in the writings of most eminent novelists are living realities. We see them around us, we recognize them in our relatives, our acquaintances, and, if not blinded by vanity, frequently in ourselves. Who has not numbered among his friends some worth, the Duke of Devonshire's place, delion. It grows everywhere; it comes individual who is the living walking imearly in spring and I saw a half doz- age of a character made immortal by en palely golden blossoms in the grass the pen of a Dickens or a Thackerof a neighbor's lawn on the last day ay? And rest assured that while have made dandelion 'chains" or a character that agrees in every de-"curls" or told the time o'day by blow- tail with one that the world has learnery of its seed globe are aware of the of the great writers, some one else is peculiarities which the late William discovering the same thing about you. Hamilton Gibson chronicled in one of The world is full of the characters, eccentric, serious and great that liter-Mr. Gibson says: "The flowers usu- ary genius has thrown a halo around. ally bloom for three mornings. By that It is easy to ascribe a reason for this. time all the tiny yellow flowerets that Most of the characters in the books make up the yellow cushion have of Thackeray, Dickens, Tennyson, Scott,

The most recent instance of this is "Sherlock Holmes." The Scotch professor upon whom Conan Doyle founded eign. The member is called to acthe great detective has been recogniz- count, and makes such explanation as ed, and has been written up again and again, until he is as well known as the detective.

The original of the character of Micawber, who eternally looked for some-

thing to turn up, was has a tiny brown cup at its top, or CHARLES DICKENS' OWN FATHER, account in this way. He may know a glimpse of a white, feathery tuft as is well known, while the weak and peeping out. This little brown, with- easily victimized Mrs. Nickleby was the ered cup is all that is left of the ori- mother of the novelist, Boythorn, in "Bleak House," caused a quarrel begradually been pushed upward and out tween Dickens and Walter Savage Lanby the growing seed tuft. In another | dor, for the latter recognized in the hour, perhaps, the calyx will again op- character his own peculiarities, and resented the fact that had been so treated. Leigh Hunt was angry with Dickward, throwing the feathers outward in ens because the famous character of Harold Skimpole, in the same book, effective. It protects the court and resembled his mannerisms so closely members of the royal family from that there was no possibility of the thoughtless and capricious criticism, likeness not being recognized. The original of Thackeray's Bulwig, in The queen, being a wise ruler, does than Bulwer, and there was a tremend- of free speech, which is the Briton's ous row over the naming of a murder- | birthright. She does not expose critics, ess in one of his books Catherine Hayes of the royal house to vexatious annoywhich was the name of a famous son- ance, but ke a quiet way reminds them stress. Andrew Archdehne was the that she and her family are entitled to original of Thackeray's Foker. Arch- consideration and respect, and ought dehne never forgave Thackeray the not to be spoken of lightly and unliberty taken with him. The celebrat- charitably. ed Dr. Cornish was Thackeray's Portman, and young Grubstreet, in the more arbitrary methods of enforcing "Virginians," was Edmund Yates to a respect for the crown. They imprisononly of the rich and fashionable, but dot. Costigan, in "The Roundabout ed and exposed to prosecution those of the poor and humble as well, it is Papers," was a composite figure built whose loyalty was suspected, somehard to realize that it was once a lux- on the peculiarities of several living times cutting off their heads, or taking Nathaniel Hawthorne was kept busy

after the publication of "The House of FOR APPEARANCE SARE.

Found and some special varieties were seven Gables," assuring a large and sometimes sold for two on three times sold f that his character of that name had not been drawn from life. So easily more esthetic combination than poris

Byron wrote of his own peculiarit-China is the greatest tea drinking verse. Alfred de Musset did the same self in "Corinne" and "Delphine." Amelie Rives Chanler was the original of her heroine in "The Quick or the Dead," Charles Reade admitted that he

den was noted for his satires on living Russian teamakers wash their tea persons. Pope actually erased the has absorbed any of the flavor from like office for Tennyson. Bulwer was the leaves. They then serve it in rather accomplished in this respect. He glass to prevent the hot tea from England was depicted as the keeper of a low den in the same novel.

Tennyson repaid Bulwer in his conslaughts both in "A Character" and in "The New Timon and the Poets," Capt. Marryat, who wrote such humorous naval stories, notably "Peter Simple," once sent a challenge to Prof. Maur-

and press on the wrong side with a with, but a wider one could be devised characteristics so pointedly that the out of a piece of saw plate, if the man portrait was recognized by the French of the house is any way handy with statesman, who resented it in one of his famous mots. When Alfred de Musset and George Sand returned from their escapade into Italy they proceeded to score each other in novels they soon after printed. Mrs. Gore Mrs. Trollope and Lady Morgan used the personal element repeatedly, while to come upon the real intention of Disraeli's novels requires a key bringing in the names of many prominent people in England.

# PROTECTION OF ROYALTY.

#### How the Queen Protects the Members of He Court and the Royal Family.

Unlike the German Emperor, Queen Victoria does not have a fresh scrapbook filled with newspaper clippings to read every morning over her coffee. The newspapers, are, however, read for her benefit, and she has means of knowing whenever anything unpleasant is said about any member of the royal family. This is the one subject on which she is sensitive.

She never has cause to resent anything that is said about herself. She commands the respect, affection and loyal devotion of all her subjects. Nothing unkind or disrespectful is ever seem in print about the queen.

Sometimes a critical remark is hazarded in Parliament about a royal duke connected with the army. The queen at once hears of it, and calls the attention of the prime minister to it, asking him to ascertain on what authority the statement has been made.

The prime minister forwards the letter to the war office. The Secretary for War sends a letter to the offending member of Parliament, asking for information for the benefit of the soverhe considers necessary. This letter goes from the war office to the prime minister, and the queen receives in dua time what is virtually

AN EXPRESSION OF REGRET for an indiscreet comment upon the

conduct of a member of her family. No public man likes to be called to that no action will be taken upon his explanation, and that he will never hear of the matter again; but he finds himself in an unpleasant position and is not likely to repeat this indiscretion. His wife and daughters are also personally interested, for their names may be dropped from the lists of guests for court functions.

It is a gentle, restraining influence which is exerted by the queen upon parliamentary debate and public discussion, but it is none the less real and and to this extent upholds the dignity of the monarchy.

Yellow Plush Papers," was no other | not interfere openly with the privilege

The Tudors, Stuarts and Georges had fully in harmony with the political con-

A dude and a monocle may be a