## AGRICULTURE.

HINTS ON HORSE KEEPING. The wide stall is a luxury, and ought to be six or even ten feet wide, if the room can be spared. Loose boxes are important for horses of great value; in such stalls they can get perfect repose by changing their position, recover from the fatique of a hard day's drive and then be ready for their task the next day. The food best adapted to the horse is oats and hay of the best quality, occasionally varied with a bran mash, with turnips or carrots as an alterative. The growth and development of bone and muscle depends greatly on the food they eat. It is important to select such as contains all the elements needed to form the bone and muscle of the horse. It is self evident that the nutritive matter supplied by the food must be equal to the exhaustion or natural waste of the body to keep up condition. The horse that is about to be driven on a journey needs hardening by exercise—preparing by sweating out the body to purify and increase the circulation of the blood, and also by hand rubbing the legs to make them firm and elastic—a preparation in some degree corresponding with that attained by a horse that is daily driven on the road for ordinary work. For one week from the start they need daily exercise, commencing with eight or ten miles, and gradually increasing to twenty per day. This exercise, with appropiate food, will harden their muscles, strengthen their limbs, and prepare them to performed their tasks without giving out on the road, materially declining in flesh, or seriously exhausting their physical powers. If we perform long drives with horses accustomed to short work only, the sudden transition from indolence to great exertion will relax their muscles, weaken their joints, depress their spirits, and break down their constitution. They are not prepared for such severe exertions. Condition will prepare them to do their work cheerfully last their lives out with sound limbs, and preserve their constitutional vigor.

HERE are a couple of hints that may be serviceable in the management of the calla lily and oleander. The first relate to the calla lily, which, bought at a greenhouse, soon began to droop and turn yellow. I procured a three gallon glazed crock, filled it two-thirds full of rich earth, and then put in the plant and filled nearly to the brim with water, which I have kept at about that level ever since, adding now and then a few drops of ammonia. To day, my calla stands four feet high, with four broad, dark green leaves; a stalk in the water line is as large army wrist, and two flower stems are appearing." The second describes a better way with the oleander than the usual one of allowing it to grow without training, in the desire to procure blossoms at the earliest possible moment: "In starting from a cutting, my practice is to pinch off the shoots above the second or third joint, or more if desired, and the reward for such practice is double, and sometimes treble, the number of shoots which may again be pinched, thus producing a compact, bushy head, This is in itself an ornament; besides, the plant is vigorous and able to support a large number of clusters of flowers."

TO MAKE new hair grow, use CARBOLINE, a deodorized extract of petroleum. This natural petroleum hair-renewer, as recently improved, is the only thing that will really produce new hair. It is a delightful dressing.

HEAVES IN HORSES.—Heaves is caused by over-feeding on clover, hay or straw and sometimes by other bulky and innutritious foods. The expansion of the stomach presses upon and interferes with the action of the lungs. Dusty hay, smutty straw and other impure bulky substances may give trouble sometimes by irritating the air passages and cause heaves. Often it is constitutional, being inherited, with narrow chests and lungs incapable of performing their true service during violent exertion. It is doubtful if it can be entirely cured, but relief may be possible. Feed moistened cut feed, meal mixed with it, or steeped oats. A horse with the heaves should be fed and watered at least two hours before going out to work. The trouble is liable to return at any time, and no certainty of relief from it need be entertained by the owner. It is quite a care, when once a horse seems to be rid of it, to keep him so. It is not common with horses that have the best attention given to the preparation of their food.

KILL YOUR SHEEP YOUNG.—There are few animals kept on the farm which when they are in their prime, pay as well as sheep, and there are few, if any others, upon whom old age has such a damaging effect. As the sheep is much shorter lived than any other of our domestic animals, it is not strange that many farmers attempt to keep them too long. At ten years of age the horse is just in his prime, and the cow is as good as ever, with the prospect of remaining so several years longer. But the sheep is very old when it reaches the age of ten, the natural limit of the term of life. After reaching this age sheep are very likely to be injured by the slight exposures which do younger animals no harm. They are more liable to be attacked by disease, and if they live they will be likely to produce less woool and smaller lambs than they have done previously. We do not think it pays, except perhaps in special instances, to keep sheep after they are six years old.

EGYPTIAN CORN—Is attracting considerable attention in California. The yield is enormous; it acquires little care and makes excellent food for man and beast. It is not produced in ears at all, but in a much more condensed form. It does not grow as tall, but branches more than Indian corn, and each branch is tufted with a large head containing thousands of seeds. The climate of portions of California is similar to that of Egypt, and it is thought this grain will prove to be a very valuable product. One grower in that State claims to have harvested a crop averaging eighty bushels to the acre. The grain resembles hulled barley, for which it is easily mistaken. There are two varieties, white and brown, differing in color and flavor. The white has as fine as flavor as rice, while the brown has an acrid taste while green, and till is perfectly dry, that makes it undesirable as an article of food.

### Honored and Blest.

When a board of eminent physicians and chemists announced the discovery that by combining some well known valuable remedies, the most wonderful medicine was produced, which would cure such a wide range of disease that most all other remedies could be dispensed with, many were skeptical; but proof of its merits by actual trial has dispelled all doubt, and to day the discoverers of that *great medicine*, Hop Bitters, are honored and blessed by all as benefactors.—*Democrat.*

## DOMESTIC.

MOTHS AND CARPET BEETLE.—These insects have a great repugnance to tallow, and may be kept from woollens and furs for and indefinite period by its use. The wife of one of our American ministers who resided abroad for many years told us that she preserved her fine carpets left in this country entirely from the ravages of moths by wrapping up with them tallow candles. When the carpet beetle has commenced his work the carpet should be taken up, sprinkled thoroughly with benzine and the floor painted over with melted tallow, taking care to fill up all the crevices in the floor, as in these the larvæ seerete themselves. The carpet lining will prevent any tallow getting upon the carpet. The Builder and Wood Worker gives an account of the manner in which a set of furniture that seemed to be alive with the larvæ of the moths was made good again. It was set into a room by itself and the upholstery saturated through and through with benzine, applied, by means of a watering pot with a fine rose sprinkler. Three gallons at thirty cents a gallon were required. This killed every moth, larvæ and egg. The benzine dried out in a few hours and its entire odor disappeared in three or four days. Not the slightest harm happened to the varnish, or fabric or wood or hair stuffing. Moths passed and not a sign of a moth was seen. The carpets were sprinkled all around the sides of the room with equally good effect. When woolens or furs are infested with moths, if they are put in a box and sprinkled with benzine, and the box closed tightly, the moths will be destroyed. Those who can procure barrels from which alcohol has just been emptied will find them good to store woollens in. The atmosphere of such a barrel when closed tightly suffocates the pests. A garment that is sealed up in fine brown paper is safe from the moths, but it must be entirely free from them before being sealed up.

### A fool once more.

"For ten years my wife was confined to her bed with such a complication of ailments that no doctor could tell what was the matter or cure her, and I used up a small fortune in humbug stuff. Six months ago I saw a U. S. flag with Hop Bitters on it, and I thought I would be a fool once more. I tried it, but my folly proved to be wisdom. Two bottles cured her, she is now as well and strong as any man's wife, and it cost me only two dollars. Such folly pays."—H. W., Detroit, Mich.—*Free Press.*

JOINT FOR BREAKFAST, LUNCHEON OR PICNIC.—Six or eight pounds flank of beef very fresh, cut out the bone, lay it in a shallow earthen-ware pan, and rub well in the following mixture; four tablespoonfuls of salt, two of brown sugar, one tablespoonful each of powdered cloves, mace and ginger. Turn the meat every day for a week, and rub in the liquor found in the pan (take care to cover from the flies attracted by the sugar in the mixture,) soak in cold water for twelve hours. The best plan is to put the meat into a deep saucepan full of water, cover with the lid, and let it stand all night, then dry it in a cloth, roll it tightly, put one iron skewer through, and well bind it round and over into a good shape. Steam until done, take it out and lay it on a board, put a plate turned over on the top with a heavy weight upon it, and when quite cold the binding may be taken off.

SALADE DE FRUITS.—This French dessert is simple and good. Take equal parts of straw-berries or raspberries, red and white currants, and very ripe cherries, and remove all the stalks and the stones from the cherries. Sprinkle a generous quantity of powdered lump sugar over the fruit—it will be hard to get it too sweet—and a wineglass of the best pale French brandy or more, according to the quantity of fruit, toss lightly until the sugar is all dissolved, and serve.

SCORCHED LINEN.—Peel and slice two onions, extract the juice by pounding and squeezing; cut up half an ounce of fine white soap, and add to the juice; two ounces of fuller's earth and half a pint of vinegar. Boil all together. When cool spread over the scorched linen, and let it dry on; then wash and boil out the linen, and the spots will disappear, unless burned so badly as to break the threads.

THOUSANDS upon thousands of children die annually of those diseases incident to early childhood; whereas, if Dr. Bull's Baby Syrup were used in time, their lives would in all probability be saved.

YEAST FROM PEAS.—To one large teacupful of split bruised peas put one pint of boiling water; cover it closely so as wholly to exclude the air, and set it in a cool oven or by the side of the fire for 24 hours, when it should have a fine froth on the top; a tablespoonful of the water is the proportion (in a warm climate) to one pound of flour; yeast thus prepared is very generally used in Persia, and the writer has employed it in India for three years with perfect success.

TAKE a barrel and slack a bushel of fresh lime in it, by cove ing the lime with boiling water. After it is slacked add cold water enough to bring it to the consistency of good whitewash, then dissolve in water and add one pound of white vitriol (sulphate of zinc) and one quart of fine salt. This makes whitewash that will stick as well as paint. It owes its durability chiefly to the vitriol, which hardens and fixes the wash.

### False Reasoning.

Suppose a machine should fail to perform its work, and the owner, instead of trying to ascertain the cause of failure and remedy it, should conclude to run right along, and argue that as the machine had heretofore come around all right it would soon be so again. If a general and permanent break-down ensued could anybody be blamed but himself? Now, precisely this way do people act and argue when the "human machine" is out of order. When the liver is "torpid" and bowels constipated every one knows that Dr. Pierce's Pleasant Purgative Pellets afford prompt and permanent relief. Yet some *guess* the "machine" will come around all right, and do nothing. Could any system of false reasoning be more pernicious? Suppose the blood be out of order and there be pimples, ulcers, or running sores with scrofulous tumors, swellings and general debility, and those thus affected should refuse to use Dr. Pierce's Golden Medical Discovery, *guessing* that the blood would purify itself, could any body be blamed but themselves, if a general and permanent break-down of health ensued? No remedy yet known equals the Discovery in curing all scrofulous, throat, bronchial and lung diseases.. Sold by druggists.

## HUMOROUS.

GREAT-GRANDPAPA: "Oh, indeed! you can lick your sisters at lawn-tennis, can you? Well done, my boy! but beware of self-conceit, and never brag. Why, I could lick everybody at lawn-tennis when I was your age—or could have done if there'd been any lawn-tennis to play! I was the best cricketer, the best fencer, the best boxer, runner, jumper, swimmer and diver I ever came across, either at school, or college, or after; and in classics and mathematics I beat 'em all clean out of the field! As for riding, no one ever touched me, or dancing either; let alone that I was the handsomest man in the county, and the best dressed, for that matter; besides being the wittiest and the most popular. Ay, and such a song as I could sing, too! And yet a more modest and unassuming demeanor than mine it's never been my good fortune to set eyes on, man or boy, these fourscore years and ten—for I am all that, my boy, and more, though you'd never believe it to look at me! Beware of self-conceit, my boy, and never, never brag!"

WE know of many cases where women have had their home duties greatly lightened by use of Dobbins' Electric Soap, (made by Cragin & Co., Philadelphia). We advise you to try it and satisfy yourself of its merit.

HARVARD man wants to know how to tell if strawberry shortcake is made in regular style. If, after eating it, you go to bed and dream that you are pursued by a three-headed dog, which can climb trees, and wake up to find yourself feeling as though a threshing machine was at work inside of you, it is strong evidence that the cake was of the regulation sort.

ONE of the lady teachers in a Reno public school, a few days since, was laboring with an urchin on the science of simple divison. This is what came of it: "Now, Johnny, if you had an orange which you wished to divide with your little sister, how much would you give her?" Johnny: "A suck."

LITTLE four-year old Ned discovered why mice are created with tails. He was permitted to buy one that had been killed in the house. He returned in a few minutes with, "Well, papa, I buried mousie, and I left his tail stuck out so you can tell where his grave is."

A NEW YORK engraver recently made this mistake: "Mr. and Mrs. ——respectfully request your presents at a marriage of their daughter.

A GENTLEMAN being asked whether he was seriously injured when a steam boiler exploded, is said to have replied that he was so used to being blown up by his wife that mere steam had no effect on him.

Two gentlemen were lately examining a portion of a plough in a marketplace. "I'll bet a guinea," said one, "you do not know what this is for?" "Done," said the other; "it is for sale." The bet was won, and the wager paid.

A GOOD many musicians are to be married this summer, for we learn from the watering place gossip that all the prominent military bands have been engaged.

IF the President of the United States felt in proportion to his place, as big as a policeman in his new uniform, he'd grow round-shouldered trying to dodge the clouds.

SLEEPLESS nights and cheerless days will be prevented if you use Dr. Bull's Baby Syrup to induce sleep and composure for the baby. Price 25 cents.

A CELT who was induced, after much persuasion to try some canned meat, brought it back, showing the marks of his teeth on the tin, and indignantly denying that it was good to eat.

"How sweet the moonlight sleeps upon this bank," as the burglar remarked to his pal, while they gazed at the institution they intended to rob the first dark night.

"If I have ever used any unkind words, Hannah," said Mr. Smily reflectively, "I take them all back." "Yes, I suppose you want to use them over again," was the not very soothing reply.

NIPPING the Bud—Mr. Budd asked her, "Rose wilt thou be mine?"—Rose answered, "I am sorry, it cannot be—a Rose cannot be turned into a Budd."

"HE seems to have been shot in the diaphragm," said the doctor. "Oh no!" exclaimed his weeping listener, "he was shot right in the lower end of the saloon."

ECHO Answers—"What to Eat and How to publish. "What to Eat and Where to Get It," would meet with a livelier sale just now.

VEGETINE is acknowledged by all classes of people to be the best and most reliable blood purifier in the world.

"Now tell me candidly, are you guilty?" asked a lawyer of his client. "Why, do you suppose I'd be fool enough to hire you if I was innocent?"

DAVID DAVIS is not the sort of a man to stay on the fence long. That's so. No fence can stand it over half an hour.

SITTING on the refrigerator door is now more popular and cooler than swinging on the garden gate.

SOME one says a man must be either an anvil or a hammer; but how many are nothing but bellows.

THERE have been a great many failures this year, and the rush to Europe is therefore correspondingly large.

WHY is a young lawyer like the national currency? Because he is a legal tender and somewhat green.

A YONKERS boy says: "There is two kinds of chickens—roosters and setters; and setters don't lay when they set."

PERSPIRATION never rains; it simply pores.

GOES without saying—A deaf mute.

THE ties that bind—Advertise.

SETS things right—The hen.

ASIATIC CHOLERA, Cholera Morbus, Summer Complaint, Colic, Sour Stomach, Diarrhœa, and all Affections of the Bowels, incident to either children or adults, are cured at once by Dr. Jayne's Carminative Balsam. It allays the irritation and calms the action of the stomach, and being pleasant to the taste, is an acceptable remedy to the youngest in the family.

THE drunkard is a burden to himself as well as his friends, and both he and his friends will give much to be able to see reform and sobriety induced But since intoxication becomes a disease it requires a remedy of no usual activity to reach the difficulty. Those who have taken Simmons' Liver Regulator declare that it sets the liver in action and invigorates the system in such a way as to destroy the craving for strong drinks, and soon the desire for liquor is entirely dissipated. While shaky nervous and distressed, resort to Simmons' Liver Regulator as a Tonic, to arouse the torpid liver to action, to regulate the bowels and remove the feeling of general depression and with it the craving for liquor.

### Volcanoes.

Cotapaxi, in 1738, threw its fiery rockets 3000 feet above its crater, while in 1754 the blazing mass, struggling for an outlet, roared so that its awful voice was heard at a distance of more than 600 miles. In 1797 the crater of Tunguragua, one of the great peaks of the Andes, flung out torrents of mud, which dammed up the rivers, opened new lakes, and, in valleys 1000 feet wide, made deposits 600 feet deep. The stream from Vesuvius, which in 1837, passed through Torre del Greco, contained 33,000,000 cubic feet of solid matter, and in 1793, when Torre del Greco was destroyed a second time, the mass of lava amounted to 45,000,000 cubic feet. In 1760 Ætna poured for h a flood which covered 84 square miles of surface, and measured nearly 1,000,000,000 cubic feet. On this occasion the sand and scoria formed the Monte Rosini, near Nicholosa, a cone of two miles in circumference, and 4000 feet high. The stream thrown out by Ætna in 1810 was in motion at the rate of a yard a day for nine months after the eruption; and it is on record that the lava of the same mountain, after a terrible eruption, was not thoroughly cool and consolidated for 10 years after the event. In the eruption of Vesuvius, A. D. 79, the scori and ashes vomited forth far exceeded the entire bulk of the mountain; while in 1660 Ætna disgorged more than 20 times its own mass. Vesuvius has sent its ashes as far as Constantinople, Syria and Egypt; it hurled stones eight pounds in weight to Pompeii, a distance of six miles, where similar masses were tossed up 2000 feet above the summit. Cotapaxi has projected a block of 100 cubic yards in volume a distance of nine miles; and Sumbawa, in 1815, during the most terrible eruption on record, sent its ashes as far as Java, a distance of 300 miles of surface, and, out of a population of 12,000 souls, only 20 escaped.

### Surgeon's Perquisites.

An English legal journal speaks of a somewhat embarrassing legal question which has arisen at Washington. A surgeon amputated both legs of a patient, claimed them "*as his perquisites*," placed them in spirits, and exhibited them in a local museum in a jar with the name of the original owner. The latter, who objected to this publicity, brought an action for the recovery of the legs. No decision has been arrived at, but the authorities are anxious in the matter, for, if the plaintiff succeeds, they fear other limbless individuals may follow his example, and so the museum may in time be robbed of much of its scientific value and personal interest. It has been suggested that the museum authorities should take their stand upon the principle that the legs, when severed, become dead, and that at common law there is no property in a dead human body.

### Nature's Sluice-way.

The kidneys are nature's sluice-way to wash out the debris of our constantly changing bodies. If they do not work properly the trouble is felt everywhere. Then be wise and as soon as you see signs of disorder get a package of Kidney-Wort.—*Sun.*

### What is more Terrible.

more painful, more exasperating, discouraging and persistent than PILES, especially to afflicted mortals who have tried lotions, ointments, pills, electuaries and all manner of nostrums and doctors' stuff, internally and externally, without relief? What wonder is it that half a million redeemed sufferers should shout hosannas over the discovery of "Anakesis" an infallible cure for Piles? This medical miracle, so simple as to excite wonder that wise doctors have not thought of it before, so prompt and certain in its action as to secure for itself the title of *infallible*, so scientific and rational in its combination of poultice, instrument and medicine, as to render the ultimate cure of 95 per cent. of average cases of piles sure, is not an accidental discovery, but the solution of a problem by the study and experience of Dr. Silsbee, an accomplished and distinguished physician of 40 years' standing. It has stood the test of 20 years' experience; over half a million of sufferers have used it with success, and doctors of all schools now prescribe it in their practice and it is pronounced to be the nearest to an infallible cure for piles yet discovered. "*Anakesis*," Dr. S Silsbee's External Pile Remedy, is sold by druggists everywhere. Price $1.00 per box. Samples mailed FREE to all sufferers on application to P. Neustaedter & Co., Box 3916, New York.

### The Voltaic Belt Co., Marshall, Mich.

Will send their celebrated Electro Voltaic Belts to the afflicted upon 30 days trial. Speedy cures guaranteed. They mean what they say. Write to them without delay.


A Medicine without a Rival.

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Bladder, Urinary and Liver Diseases, Dropsy, Gravel and Diabetes, are cured by

**HUNT'S REMEDY,**

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cures Bright's Disease, Retention or Nonretention of Urine, Pains in the Back, Loins, or Side.

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**HUNT'S REMEDY**

ACTS AT ONCE on the Kidneys, Liver, and Bowels, restoring them to a healthy action, and CURES when all other medicines fail. Hundreds have been saved who have been given up to die by friends and physicians.

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Trial size, 75 cents. Large size cheapest.

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# VEGETINE

**Purifies the Blood, Renovates and Invigorates the whole System.**

ITS MEDICINAL PROPERTIES ARE

**Alterative, Tonic, Solvent and Diuretic.**

Vegetine is made exclusively from the juices of carefully-selected barks, roots and herbs, and is so strongly concentrated that it will effectually eradicate from the system every taint of **Scrofula, Scrofulous Humor, Tumors, Cancer, Cancerous Humor, Erysipelas, Salt Rheum, Syphilitic Diseases, Canker, Faintness at the Stomach,** and all diseases that arise from impure blood. **Sciatica, Inflammatory** and **Chronic Rheumatism, Neuralgia, Gout** and **Spinal Complaints,** can only be effectually cured through the blood.

For **Ulcers** and **Eruptive Diseases** of the **Skin, Pustules, Pimples, Blotches, Boils, Tetter, Scaldhead** and **Ringworm,** VEGETINE has never failed to effect a permanent cure.

For **Pains in the Back, Kidney Complaints, Dropsy, Female weakness, Leucorrhœa,** arising from internal ulceration, and uterine diseases and General Debility, VEGETINE acts directly upon the causes of these complaints. It invigorates and strengthens the whole system, acts upon the secretive organs, allays inflammation cures ulceration and regulates the bowels.

For Catarrh, Dyspepsia, Habitual Costiveness, Palpitation of the Heart, Headache, Piles, Nervousness and General Prostration of the Nervous System, no medicine has ever given such perfect satisfaction as the VEGETINE. It purifies the blood, cleanses all of the organs, and possesses a controlling power over the nervous system.

The remarkable cures effected by Vegetine have induced many physicians and apothecaries whom we know, to prescribe and use it in their own families.

In fact, Vegetine is the best remedy yet discovered for the above diseases, and is the only reliable BLOOD PURIFIER yet placed before the public.

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PREPARED BY

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# KIDNEY-WORT

**PERMANENTLY CURES KIDNEY DISEASES, LIVER COMPLAINTS, Constipation and Piles.**

Dr. R. H. Clark, South Hero, Vt., says, "In cases of Kidney Troubles it has acted like a charm. It has cured many very bad cases of Piles, and has never failed to act efficiently."

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C. S. Hogabon, of Berkshire, says, "One package has done wonders for me in completely curing a severe Liver and Kidney Complaint."

**IT HAS WONDERFUL POWER. WHY?**

Because it Acts on the LIVER, the BOWELS and the KIDNEYS at the same time.

Because it cleanses the system of the poisonous humors that develope in Kidney and Urinary diseases, Biliousness, Jaundice, Constipation, Piles, or in Rheumatism, Neuralgia and nervous disorders.

KIDNEY-WORT is a dry vegetable compound and can be sent by mail prepaid.

One package will make six qts of medicine.

**TRY IT NOW!**

☞Buy it at the Druggists. Price, $1.00.

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The Purest and Best Medicine ever Made.

A combination of **Hops, Buchu, Mandrake** and **Dandelion,** with all the best and most curative properties of all other Bitters, makes the greatest **Blood Purifier, Liver Regulator,** and Life and Health Restoring Agent on earth.

No disease can possibly long exist where Hop Bitters are used, so varied and perfect are their operations.

They give new life and vigor to the aged and infirm.

To all whose employments cause irregularity of the bowels or urinary organs, or who require an Appetizer, Tonic and mild Stimulant, Hop Bitters are invaluable, **without intoxicating.**

No matter what your feelings or symptoms are what the disease or ailment is use Hop Bitters. Don't wait until you are sick but if you only feel bad or miserable, use them at once. It may save your life. It has saved hundreds.

**$500** will be paid for a case they will not cure or help. Do not suffer or let your friends suffer, but use and urge them to use **Hop Bitters.**

Remember, Hop Bitters is no vile, drugged drunken nostrum, but the Purest and Best Medicine ever made; the **"INVALIDS FRIEND and HOPE"** and no person or family should be without them.

**D.I.C.** is an absolute and irresistible cure for Drunkenness, use of opium, tobacco and narcotics. All sold by druggists. Send for Circular. Hop Bitters Mfg. Co., Rochester, N.Y. and Toronto, Ont.



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