THE SUGAR BEET.

Some Valuable Points About the Cultivation of the Crop.

The sugar beet requires a warm location, because it is very sensitive to early frost, and experience shows that the sugar capacity increases and diminishes with the amount of heat in the locality. It needs very much water, and therefore requires, in a dry climate, a fresh, deep, rich soil. The best soils are deep, humus clay (loam) and marl. The roots of the beet go very often three and one-fourth to four feet in the ground, and take nourishment out of the deep soil, where fertilizing is impossible. It is, therefore, economical not to raise more than one crop of beets in three or four years on the same ground. However, a rich soil will produce a good crop for several successive years (we have examples of raising beets on the same ground ten successive years without any fertilizer, and yet a good crop), but in the same time the vegetable and animal enemies of the beet will be increased enormously.

The beet follows usually wheat or rye, and is followed by barley. A direct application of manure to the beet increases the crop, but also at the same time the amount of nitrogen and ashes. It is best, therefore, to raise beets the second year after manuring. The best fertilizers are guano, ashes, potassic salts, superphosphates, bone dust and compost. If beets are raised year after year, and the leaves are not needed to feet cattle with, it is very good to spread the leaves all over the ground, and then plow twelve to fifteen inches deep. If it is the intention to raise beets after grain, it is good to plow shallow as soon as possible and to plow deep after several weeks. Care has to be taken that no "dead soil" comes to the surface, as it would tend to stop the growth of the beets, at least for the season. During the winter time the land remains in "rough furrow," and in spring the harrow is used and the roller for pulverizing and leveling the land. If there are many weeds on the land, it is necessary to cultivate or to plow. The principal thing is to keep the moisture in the ground, and the beet-raiser has to pay his first attention to this point.

The beet has to be cultivated as soon as possible, or otherwise it is overgrown with weeds. The first hoeing will be given as soon as the rows are visible. Where human labor is cheap it is preferable; if not so, the cultivator has to be used. After this work is done comes the thinning. The seed of the beet presents a glomerate containing five or six seeds; of these two or three are capable of germination and produce plants; but as a plant wants a certain space for its development, it is necessary to take out so many plants that only one remains every six to twelve inches. By planting with the drill a great deal of work will be saved by cultivating across the rows. The distance of the shares is usually six inches. An old rule among the farmers is that beets ought to be thinned if they have three leaves, because it does not take so much time as when they are smaller.—*Rural Press.*

CHEVALIER BAYARD.

The Knight Sans Peur et Sans Reproche Before Lord Bernardino.

At Binasco, Lord Bernardino Cazache, one of Sforza's Captains, had three hundred horse; and twenty miles from Milan was Bayard's place of garrison. With fifty of his comrades he rode out one morning, bent on assaulting Lord Bernardino's force. The latter, warned by a scout of their approach, armed his party and rushed fiercely from the fort. The strife was fought with fury; but the Lombards, slowly driven back toward Milan, at length wheeled round their horses and galloped like the wind into the city. Bayard, darting in his spurs, waving his bare blade, and shouting out his battle cry of "France," was far ahead of his companions. Before he knew his danger he had dashed in with the fugitives at the city gates and reached the middle of the square in front of Sforza's palace. He found himself alone in the midst of the fierce enemy—with the White Crosses of France emblazoned on his shield! Sforza, hearing a tremendous uproar in the square, came to a window in the palace, and looked down. The square was swarming with the soldiers of Binasco, savage, hacked, and bloody; and in the center of the yelling tumult Bayard, still on horseback, was slashing at those who strove to pull him from his seat. Sforza, in a voice of thunder, bade the Knight be brought before him. Bayard, seeing that resistance was mere madness, surrendered to Lord Bernardino, and was led, disarmed, into the palace. Sforza was a soldier more given to the ferocities than the courtesies of war. When the young Knight stood before him, when he heard his story, when he looked upon his bold yet modest bearing, the fierce and moody Prince was moved to admiration. "Lord Bayard," he said, "I will not treat you as a prisoner. I set you free; I will take no ransom; and I will grant you any favor in my power." "My Lord Prince," said Bayard, "I thank you for your courtesy with all my soul. I will ask you only for my horse and armor." The horse was brought; Bayard sprang into the saddle; and an hour latter was received by his companions with raptures of surprise and joy as one who had come alive out of the lion's den.—*Temple Bar.*

PITH AND POINT.

—It is with knowledge as with money—some do a large business on a small capital.—*Philadelphia North American.*

—If a young man feels that his life is a blank, he should try to fill it out and have it sworn to.—*Exchange.*

—Don't waste time looking back at your own mistakes. You can have a good deal more fun looking around at other people's.—*Journal of Education.*

—Secrets are but poor property; if you circulate them, you loose them; and if you keep them, you loose the interest of your investment.—*Good Housekeeping.*

STYLES IN CANDY.

Some New Favorites and Some Old Ones That Hold Their Own.

Says an American candy maker: "The trade in the chocolate quality of candy is coming to the front very fast. As much again of the chocolate is sold as five years ago. Peanut and cough candy holds its own through all the changes other grades are undergoing. Twice as much cough candy is sold in winter as in summer. Cough candy sells the best in the small country villages. The farmers and villagers think nothing of going to the store for a pound of the cough candy, when the same people are seldom known to indulge in the luxury of other grades.

"Peanut candy is all the go with the children. It is likely 'twill be a long time before any thing else will be found that will take its place. The class of candy we call 'penny goods' are probably ahead of any thing else in the market as fast selling goods. Penny goods are such as the retailers sell by the cent's worth, generally speaking. Of course such goods are sold by the pound to customers, but not to such an extent as the high priced goods. In getting out this class of goods, the point is to introduce something new in style, in the make-up of the candy. Since the 1st of January, 1888, we have made a good hit in getting out broken stick candy with letters and designs impressed in the end of each. For instance, in the two ends of a piece of candy we make the figure of the 'stars and stripes,' and in another insert the word 'boss,' and in a third the figures which signify the present year, '1888.'

"This style of candy sells well. I suppose there are one or two old-fashioned styles and makes of candy that will be seen and sold for years to come yet. One of them is the familiar, short four-inch stick candy, with its several flavors. It hangs in the market like the old-fashioned molasses grade. A short time ago we thought we'd run it out of the market by getting up an attractive, long six-inch twisted stick, that would leave the old-fashioned style in the shade; but no, sir—just as much call as before our efforts to obliterate it. Another class of goods that's got the hang to them is the small lozenges put up in rolls and flavored with a variety of extracts. Still, the onward march of the wafer is making the old-fashioned roll lozenges fall to the rear.

"The trade in wafers is what you might say booming. We make a dozen different flavored wafers, but the wintergreen rather takes the lead. Of the penny goods, the "molasses puff" holds its own remarkably well. This, as you know, is a molasses candy, and is square in form. It is good, toothsome eating, and children and others who buy them look at it in the light that they are getting a big piece of candy for their money."—*Lewiston (Me.) Journal.*

BRIGHT YANKEE GIRLS.

How They Make Considerable Money Without Working Very Hard.

An original business in which two sisters have established themselves is that of lady's maid-at-large, to coin a phrase for a new trade. The elder was for many years maid to a woman of fashion and established something of a reputation for arranging the hair, draping the gown, decking it with flowers and so on. She was unable, finally, to submit to the exactions of her mistress, and instead of looking for a new place struck out in a more independent line. She had something of an acquaintance acquired during her years of service, and utilized this to gather a clientage of her own. She and her sister are settled cosily in a pretty five-room flat, and the ladies whom they beautify know them respectively as, say Mlle. Rose and Mlle. Marie. They are Down-East Yankees, but their Yankee sense tells them that maids must, of course be French. Is a pretty girl going to a ball, a girl who hasn't a maid, or whose maid is to be trusted for ordinary toilets only, then Mlle. Rose must be to the fore. Mlle. Rose will catch together the masses of lace or tulle and put on delicate teiling touches, producing effects which the pretty girl never dreamed of before. Then she will take a double handful of roses or other natural flowers and drop them over the gown and tack them up just where they happen to fall, making a very flower of the pretty girl herself. She will do the bud up in her wraps, ride to the scene of festivity with her and pronounce her all in order for conquest before the belle leaves the dressing room. Is a wedding on the tapis, then it is Mlle. Marie's turn. Mlle. Marie's forte is dressing a bride. Her hands can work magic when she has them on a bridal vail, and the young wife who has the orange blossoms pinned by her recommends her to all unmarried mates. Mlles. Rose and Marie attend to the toilets and decorate the gowns of any number of dressy women or girls. Their order books are usually full and their charges run from $2 and $3 well up into the twenties, according to the elaborateness of the design, or the amount of service called for. They are very particular about the woman they work for and stand upon references. They say they can't afford, from a business point of view, to have any clients, whose antecedents and present standing won't bear looking into. Rose and Marie are bright girls.—*N. Y. Mail and Express.*

—Servant maid—"Have you heard the news, ma'am? Last night thieves broke into a hen-pen in Long street, and cleared out all the poultry." Mistress—"Serves them right, the stupid people! Why don't they take proper precautions; but where did this happen?" Maid—"At No: 12." Mistress—"Why, that is our house?" Maid—"Certainly; I did not like telling you at once for fear you might be startled!"

—"I think," said the minister, who was visiting the parishioner, "that it is easier to coax children than to drive them. Gentle words are more effective than harsh ones." "I think so, too," said the lady, tenderly. Then she raised her window and suddenly shouted to her boy: "Johnnie, if you don't come in out of that mud-puddle I'll break your back!"—*Columbus Dispatch.*

STRENGTHENED BY FAITH.

A Touching Case Which Occurred in the Glasgow Royal Infirmary.

The other day a poor little waif of a boy, ten or eleven years of age, greatly emaciated and exhausted by long-standing disease, was brought up in the hoist to the operating theater of the Royal Infirmary, in Glasgow, to undergo an operation which it was thought might possibly have the effect of prolonging the boy's life. His condition, however, was so low and unsatisfactory that there was some fear not only that the operation might not be successful in its results, but that during or immediately following the operation the boy's strength might give in and his spirit pass away. After reaching the theater, which is seated like the gallery of a church, and while the operating table was being got ready, the little fellow was seated on a cushioned seat, and, looking up toward some students who were there to witness the operation, with a pitiful, tremulous voice he said: "Will one of you gentlemen put up just a wee prayer for a wee boy—I am in great trouble and distress—just a wee prayer to Jesus for me in my sore trouble." The surgeon, patting him on the shoulder, spoke kindly to him, but as he heard no prayer and saw probably only a pitying smile on the faces of some of the students, he turned his head away and in childish tones and words, which were sufficiently audible to those around him, he asked Jesus, his friend, "the friend of wee boys who loved Him," to be with him—to have mercy on him in his distress. And, while the young doctor was putting the boy under chloroform so that he might feel no pain during the operation, so long as he was conscious the voice of the boy was still heard in words of prayer. The surgeon, as he stood by the table on which the boy lay, knowing that he had to perform an operation requiring some coolness and calmness and delicacy of touch, felt just a little overcome. There was a lump in his throat which rather disturbed him. Soon, however, he heard the words from the assistant who was administering the chloroform, "Doctor, the boy is ready;" and taking the knife in his hand, lump or no lump, had to begin the operation. Soon the surgeon was conscious that the prayer which the little boy had offered up for himself had included in its answer some one else, for the coolness of head, steadiness of hand and delicacy of touch all came as they were needed and the operation was completed with more than usual ease, dexterity and success.

On the following morning, the surgeon going round his ward from bed to bed, and coming to that on which the little boy lay, saw from the placid, comfortable look on his face that his sufferings had been relieved, and that all was well with him. Going up to the head of the bed and taking the little wasted hand, which seemed no larger than that of a bazar doll, the surgeon whispered into his ear: "The good Jesus heard your prayer yesterday." A bright, happy, contented look lit up the boy's face, and with a feeble, yet distinct pressure of the little hand, he looked up in the doctor's face and said: "I ken't He would." And then he added: "You, doctor, were gude to me, too." But apparently thinking that the doctor was on a different platform and required something tangible for his care and trouble, in a plaintive voice he said, "But I hae nothing to gie you," and then a bright thought came into his mind, and with a little cheer in his tone, he added, "I will just pray to Jesus for you, doctor." The surgeon, before leaving the ward, in bidding the boy good by for the day, asked where he came from and where he had learned so much about Jesus and to love him so dearly. He answered: "I come frae Barrheid." "And you were in a Sabbath school there?" "Oh, yes, in the Bourock School." Our readers will be pleased to learn that the boy made a successful recovery and is now at home.—*Christian Leader.*

HARD ON ALECK.

A Watch Trick That Didn't Work to Every Body's Satisfaction.

A drummer—"I like to see a smart Aleck who goes about trying to make bets on a sure thing shows his place now and then. I gave one a surprise myself the other day. He came up to me on the train and said:

"'Bet you a dollar you can't name the figures in the order they occur on the dial of your watch.'

"'Bet you a dollar I can.'

"The money was put up, and I wrote down the Roman numbers from I. to XII., inclusive.

"'You've lost,' said the sure-thing man.

"'Bet you another dollar I haven't,' and two more dollars went into the stakeholder's hands.

"'Show your watch,' said the sure-thing man, and I did so.

"The sure-thing man had indeed lost. He had counted on their being no VI., since that space on most watches is occupied by the second hand dial. On my watch, however, there happens to be a VI. I had seen that little trick played before, and was thus enabled to give our friend a lesson from which I hope he profited."—*Jewelers' Weekly.*

—There is nothing so contradictory as human nature. Just when we are beginning to hate a man for his manners, we discover him to be possessed of some noble trait which compels us to admire, if not to love, him.—*Dry Goods Chronicle.*

—Notwithstanding the depravity of human nature, there are some things that men can not be hired to do. Take the tramp and the wood-pile for example.—*Merchant Traveler.*

—The source of vanity is from without—of pride, from within. Vanity is a vane that turns, a willow that bends with every breeze—pride is the oak that defies the storm. One is cloud—the other rock. One is weakness, the other strength.—*Ingersoll.*

—Every individual should bear in mind that he is sent into the world to act a part in it, and though one may have a more splendid and another a more obscure part assigned to him, yet the actor of each is equally responsible.—*Church Union.*

Mrs. Mackay, who has been seriously ill in London, has regained her health.

HELPING THE RIGHT SIDE.

To help the right side is not only commendable in a general point of view, but is judicious and prudent when that help is enlisted in behalf of the right side of the body, just over the lower ribs in the region of the liver. The most efficient help is afforded by Hostetter's Stomach Bitters, an anti-bilious medicine of incomparable efficacy. Inaction of the liver is accompanied by constipation, sick-headache, furred tongue, nausea, occasional vertigo, and unpleasant breath, yellowness of the skin and ball of the eye. The author of these symptoms, liver complaint, routed by the Bitters is accompanied by them in its flight. Fever and ague, which always involves the liver, dyspepsia, rheumatism, debility and kidney troubles are all maladies to the early relief and final cure of which this standard medicine is adapted. Don't use it by fits and starts, but systematically, that its full effects may result in a perfect restoration of health.

Each farmer in Japan has a patch devoted to the growth of indigo.

White Elephant of Siam, Lion of England, Dragon of China, Cross of Switzerland, Banner of Persia, Crescent of Egypt, Double Eagle of Russia, Star of Chili, The Circle of Japan, Harp of Erin.

To get these buy a box of the genuine DR. C. MCLANE'S CELEBRATED LIVER PILLS, price 25 cents, and mail us the outside wrapper with your address, plainly written, and 4 cents in stamps. We will then mail you the above list with an elegant package of oleographic and chromatic cards.

FLEMING BROS., PITTSBURG, PA.

A successful effort is being made to raise tobacco in Ventura, Cal.

WAS AMERICA EVER DISCOVERED?

At the time when Columbus started in search of the New World, nearly every man, woman and child in Europe insisted that there was no New World to discover. When he came back, crowned with success, a large proportion of these good people adhered to their theory; and if they were alive to-day many of them would doubtless insist that America had never been discovered at all. A man will give up anything in the world more readily than a pet theory. For example, look at the individuals who still maintain that consumption is incurable. Dr. Pierce's Golden Medical Discovery has cured thousands upon thousands of cases, and will cure thousands more, but these people can't give up their point. Nevertheless the "Discovery" will cure any case of consumption, if taken in time.

Paris has adopted the American ambulance system.

CONSUMPTION, SCROFULA, GENERAL Debility, Wasting Diseases of Children, Chronic Coughs and Bronchitis, can be cured by the use of **Scott's Emulsion** of Cod Liver Oil with Hypophosphites. Prominent physicians use it and testify to its grave value. Please read the following: "I used Scott's Emulsion for an obstinate Cough with Hemorrhage, Loss of Appetite, Emaciation, Sleeplessness, etc. All of these have now left, and I believe your Emulsion has saved a case of well developed Consumption."—T. J. FINDLEY, M. D., Lone Star, Texas.

A storm did $100,000 damage to crops in Huron county, O.

For constipation, "liver complaint," or biliousness, sick headache, and all diseases arising from a disordered condition of the liver and stomach, take Dr. Pierce's Pleasant Purgative Pellets—a gentle laxative or active cathartic, according to size of dose.

The Pope is suffering from liver complaint and is losing strength.

PENALTIES OF IMPRUDENCE.

Summer is at hand—the time of year when old heads and young become imprudent, get over-heated, cool off suddenly, catch cold, headache, nervous disorders, and a thousand and one other troubles. Preaching prudence is played out. The only thing to do is—after you have contracted one or more of these pains to cure yourself as quickly as possible. Small pains are not to be neglected except at the risk of serious consequences. Remove them at once. It can be done by an application of one or more of ALLCOCK'S POROUS PLASTERS, recognized the world over as the best external remedy ever made. Mind you, don't neglect your little ills. They outgrow everything else and if let alone cost you more than you can ever know. Remember ALLCOCK'S PLASTERS.

Professor Herman Bonitz, the German philologist, is dead.

Chronic nasal catarrh positively cured by Dr. Sage's Remedy.

Boulanger is determined to seek a re-election.

THE BALDWIN.

When you visit San Francisco, stop at the famous Baldwin, the best appointed and in every respect the most desirable hotel in the city. Everything is first-class and guests find every possible comfort and convenience. The location, corner Market, Powell and Eddy streets gives access to a half dozen street car lines, and is in the center of the business portion of the city. The honse has just been refurnished throughout and is certainly a model of elegance.

Two industrial schools will be started at Columbia, South America.

GRAND EXCURSION EAST

Via Northern Pacific Railroad, to Columbus, Ohio, and points East. The Northern Pacific Railroad will, on Sept. 3d, 4th and 5th, sell from all points in Oregon and Washington a round trip ticket to Columbus, Ohio, for $80, good to return to October 31st. This is the lowest rate ever made from the Pacific coast to the East, and the Northern Pacific is the route selected by the departments of California, Oregon and Washington Territory. A special train will leave Portland Sept. 4th, carrying the Pacific coast G. A. R. through to St. Paul, where they will escort Commander-in-Chief John P. Rea, to Columbus. This rate is open for everybody. Special train will consist of Pullman Palace Sleeping cars, Palace Dining cars, Palace Day Coaches, and *free* tourist sleeping cars. For information and Pullman reservations, call on or address

A. D. CHARLTON,
Ass't Gen. Passenger Ag't N. P. R. R.,
No. 2 Washington St., cor. Front, Portland, Or.

For Liver Complaints take Allen's Iron Tonic Bitters. All genuine bear the signature of J. P. Allen, Druggist, St. Paul, Minn.

J. H. FISK, Assayer and Analytical Chemist, Laboratory, 106 First st., Portland, Or. Analyses made of all substances. Rates for assaying gold and silver ores $1.50. Packages sent by mail or express promptly attended to, and returns made.

For Throat Troubles and Coughs. Use "*Brown's Bronchial Troches.*" They possess real merit.

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TRY GERMEA for breakfast.

MANLY PURITY AND BEAUTY

CUTICURA REMEDIES CURE SKIN AND BLOOD DISEASES FROM PIMPLES TO SCROFULA.

NO PEN CAN DO JUSTICE TO THE ESTEEM IN which the CUTICURA REMEDIES are held by the thousands upon thousands whose lives have been made happy by the cure of agonizing, humiliating, itching, scaly and pimply diseases of the skin, scalp and blood, with loss of hair.

CUTICURA, the great Skin Cure, and CUTICURA SOAP, an exquisite Skin Beautifier, prepared from it, externally, and CUTICURA RESOLVENT, the new Blood Purifier, internally, are a positive cure for every form of skin and blood disease, from pimples to scrofula.

Sold everywhere. Price, CUTICURA, 50c.; SOAP, 25c.; RESOLVENT $1. Prepared by the POTTER DRUG AND CHEMICAL CO., Boston, Mass.

Send for "How to Cure Skin Diseases."

Pimples, blackheads, chapped and oily skin prevented by CUTICURA SOAP.

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N. P. N. U. No. 216—S. F. N. U. No 223.

—There is at Lone Pine, Inyo County, Cal., a rock that might be easily passed off for a petrified elephant. A photograph of the rock shows as like as possible to the photograph of an elephant. The trunk, the eyes, the head and body are all as well formed in the photograph as if the camera had been turned to a living animal. The wrinkles and folds in the skin of an elephant and the color are all repeated in the rock. The symmetry and proportions of the living animal are reproduced in this remarkable freak of nature.

—Vermont man (scornfully)—"Texas? Why, man, Texas can't hold a candle to Vermont. From men down to flapjacks we're 'way ahead of you." Texas man—"Flapjacks? Flapjacks? I reckon you don't know whatcher talkin' about, stranger. Didjever see a Texas flapjack—one of those fellers that weighs fifteen pounds, and is ninety-eight yards in ci'cumf'rence?" Vermont man (aghast)—"O, come, now, John! You never saw a flapjack as big as that. How do you get your syrup on it." Texas man.—"With a hose, of course. Howjer 'spose?"—*Harper's Bazar.*

—While a party of gentlemen were standing near a livery stable at Athens the other day, talking, something struck the wooden awning under which they were standing and then bounced off into the street. This excited the curiosity of one of the party, as it was too far from anyone's house to throw anything on the awning and there was nobody on the street. On examination the missile was found to be a beef bone that was somewhat decomposed. The only theory as to where this bone could have come from is that a hawk or a buzzard had got onto a piece of boarding house beef, and finding it too tough, had incontinently dropped it.

GRAND EXCURSION EAST VIA Northern Pacific Railroad! —TO— Columbus, Ohio. AND POINTS EAST.

The Northern Pacific Railroad will, on Sept. 3d, 4th and 5th, sell from all points in Oregon and Washington a round trip ticket to Columbus, Ohio, for

$80,

good to return to October 31st. This is the lowest rate ever made from the Pacific coast to the East, and the Northern Pacific is the route selected by the departments of California, Oregon and Washington Territory.

A special train will leave Portland Sept. 4th, carrying the Pacific coast G. A. R. through to St. Paul, where they will escort Commander-in-Chief John P. Rea, to Columbus. This rate is open for everybody. For information and Pullman reservations, call on or address

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SARSAPARILLA, YELLOW DOCK —AND— Iodide of Potass.

It cures RHEUMATISM, NEURALGIA, Boils, Pimples, Scrofula, Gout, Catarrh, Tumors, Salt Rheum, and Mercurial pains. It Purifies the Blood, Restores the Liver and Kidneys to healthy action, and makes the Complexion Bright and Clear.

J. R. GATES & CO., Proprietors. 417 Sansome St., San Francisco.

ASTHMA CURED. German Asthma Cure never fails to give immediate relief in the worst cases, insures comfortable sleep; effects cures where others fail. A trial convinces the most skeptical. Price 50c., and $1.00, of Druggists or by mail. Sample FREE for stamp. Dr. R. SCHIFFMAN, St. Paul, Minn.

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Cures in 1 TO 5 DAYS. Guaranteed not to cause Stricture. Mf'd only by the Evans Chemical Co. Cincinnati, Ohio. Trade Mark. BIG G has given universal satisfaction in the cure of Gonorrhœa and Gleet. I prescribe it and feel safe in recommending it to all sufferers. A. J. STONER, M.D., Decatur, Ill. PRICE, $1.00. Sold by Druggists.

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NERVOUS Debility, Loss of Vigor, Seminal Losses, Weak Memory, Despondency, &c., due to excesses or abuse, cured.

YOUNG MEN suffering from the effects of youthful follies or indiscretion should avail themselves of our treatment. A positive cure guaranteed in every case. Syphilis, Urinary and Venereal Diseases all unnatural discharges, promptly and safely cured.

MIDDLE-AGED MEN Who are troubled with disease of Kidneys or Bladder, Weak Back, Nervous Debility, Wasting of Sexual Strength, etc., cured and restored to healthy vigor.

N. B. Persons unable to visit us may be treated at their homes, by correspondence. Medicines and instructions sent by mail or express. Consultation Free. Send 4 cents in stamps for The Young Man's Friend or Guide to Wedlock.

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— TO MAKE — DELICIOUS BISCUITS OR WHOLESOME BREAD USE DWIGHT'S COW-BRAND SODA OR SALERATUS.

ABSOLUTELY PURE. ALWAYS UNIFORM AND FULL WEIGHT.

Be sure that there is a picture of a Cow on your package and you will have the best Soda made.

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Paine's Celery Compound

CURES Nervous Prostration, Nervous Headache, Neuralgia, Nervous Weakness, Stomach and Liver Diseases, Rheumatism, Dyspepsia, and all affections of the Kidneys.

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Recommended by professional and business men. Send for book.

Price $1.00. Sold by Druggists.

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To Housekeepers and Farmers.—It is important that the Soda or Saleratus you use should be White and Pure same as all similar substances used for food. To insure obtaining only the "Arm & Hammer" brand Soda or Saleratus, buy it in "pound or half pound" cartoons, which bear our name and trade-mark, as inferior goods are sometimes substituted for the "Arm & Hammer" brand when bought in bulk. Parties using Baking Powder should remember that its sole rising property consists of bicarbonate of soda. One teaspoonful of the "Arm & Hammer" brand of Soda or Saleratus mixed with sour milk equals four teaspoonfuls of the best Baking Powder, saving twenty times its cost, besides being much healthier, because it does not contain any injurious substances, such as alum, terra alba etc., of which many Baking Powders are made. Dairymen and Farmers should use only the "Arm & Hammer" brand for cleaning and keeping Milk Pans Sweet and Clean.

OUR TRADE MARK — CHURCH & CO'S SODA — ON EVERY PACKAGE.

CAUTION. See that every pound package of "Arm and Hammer Brand" contains full 16 ounces net, and the ½ pound packages full 12 ounces net, Soda or Saleratus same as specified on each package.

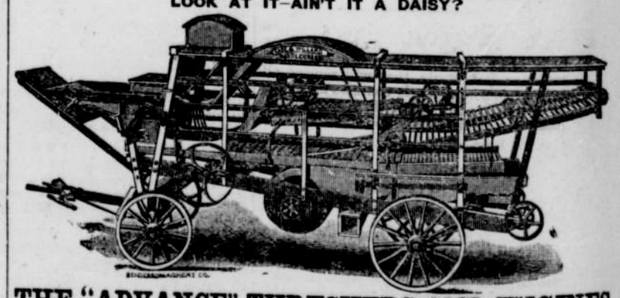
Packed in Card Board Boxes. Always keeps Soft.

SODA OR SALERATUS

O! YES, YES! CERTAINLY!

A singed cat dreads the fire. I plead guilty. I am selling a "new-fangled" machine

LOOK AT IT—AIN'T IT A DAISY?



THE "ADVANCE" THRESHERS AND ENGINES

I guarantee the **New-Fangled Advance Separator** to be the best grain-saving, fastest Thresher and most durable Separator ever made. But, **remember**, it is not an **experimental** machine, as the **Old Fogy** machines are. You are well aware of the time lost (that you have to pay for) in experimenting with **Old Fogy** machines. **The New Fangled Thresher leads** the way. The growling and kicking of the Old Fogy agents is only equaled by the amount of grain kicked out in the straw by the **Old Fogy** machines. Of course, if you wish a cheap machine, Old Fogies will supply you at your own price; but their machines are dear at any price. You cannot afford to buy a thresher without examining the **ADVANCE.** Do not be talked into buying a machine because it is cheap and **Old Fogyish.** Ask the **Old Fogy agents** if they will set beside the **new-fangled** machine and let you see which is the experimental machine, and sold on its **merits.** I have never yet had to call on any court to help decide the merits of the **new-fangled** machine. Please examine the court records in reference to the **Old Fogie's** plan. Many years ago a man built a **new-fangled** machine, called a steam engine. **Old Fogies** then, as now, stood back and said they would **ruin the country. Do you not want to be ruined in the same way?** Remember, the **new-fangled** machine is past all **experimenting,** while **Old Fogy's** machines are being experimented with all the time, and at **your expense.** Do not fool with them any longer, while your grain is going to **waste.**

Remember the new-fangled machine is sold on its merits entirely. Remember, your whole dependence is upon your crop proceeds, and if you allow **Old Fogy** machines to **waste your grain,** you are just that much out of pocket. To **prevent** this, see that the party that does your threshing procures a **new-fangled ADVANCE Thresher,** as they are constructed so as to save your grain, and have a better record than any old-fogy machine. Write for further particulars. I am prepared to prove all my statements—i. e., The **ADVANCE machine will do more** and **better** work than any other.

I hereby challenge any old fogy agent to name ANY case where the ADVANCE machine has failed to do as represented since its introduction on this Coast. Show up or shut up.

Remember that old fogy agents saying the contrary does not make it so. It will pay you to investigate. **I can prove all I say.**

I also sell the well known **DINGEE WOODBURY POWER.** A number of manufacturers make them on a **royalty** but I do not know of any **imitations,** but am always inclined to look out for those that talk of imitations. I also deal in **Laundry and Marine** Machinery, Farm, Church and School Bells, General Machinery, Swift Oilers, Orme Safety Valves, Miller Pumps, Hancock Inspirators, Park & Kennedy Injectors, Acme and Alligator Wrenches, Blacksmith Drills, Self-Heating Bath Tubs, the Westinghouse Engines. See the prices: 10-horse on wheels, $900; Traction, $1075; 15-horse Traction, $1400. Special discount for cash. General Agent for Colburn's **Dynamos** and Lamps for **Electric Lighting—5 to 200 lights.**

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Your village cannot do without one. You must have one for your mills. You cannot afford to be without a small one in your house. For particulars, address

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