

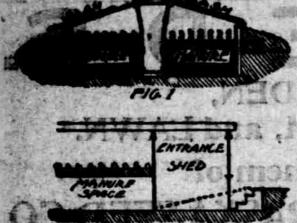
HOTBEDS.

provement in the Hotbed.
Il appliances for the use of glass
in the heaten of plant h that of the hethed is by far the t common, from the small bed of a

hes suited to a common garden to the large yards of hotbeds ownby market gardeners. The ordinary ting of botheds is well understood, there are certain variations from the assal form which are not so well known, although worthy the consideration of progressive gardeners. To originally appearing in Vick's Magaipe. The writer says:

First we will speak of a form of hotsed which is somewhat in the nature Fig. 1 shows such a hothed of green-

the house is 14 feet. The roof con-



f six foot hotbed sash supported afters and a ridge part that conthwise of the house. The upper each side, are hinged to the ridge e, thus affording means of ventilawithout sliding the sash. Entrance d, as shown in Fig. 2. The princiadvantage of such a house is that work of planting, watering, etc., to done at times when it is too cold ordinarily made. There are some also in the matter of heat econoas well as in that of being able to this is desired for increased

First, an excavation two feet in ande, the soil being used in part for and to carry away moisture. The sides t of two inch scantling boarded on the luside and at the top on the le. The sesh supports, of two stuff, at one end rest on the outer walls, while toward the other end they est on two plates two and a half feet which run lengthwise with the These plates are supported by gas pipes at intervals of eight It and the beds. The height of the t. The missure spaces are of the extent as the beds proper and about three feet deep. In the coarding up of the manure spaces at the walk it is arranged to have the ester part of the board surface movable, being kept in place by the butas which are attached to the station-

ary boards at the top and bottom. Aside from the hotbed above described the present writer has had much experience with hotbeds of the ordinary form a little later in the season than when the greenhouse is operated. One method employed in ar-ranging his bethed yard has been so tafactory that he beartily recomin Fig. 3. It is in the direction of entirely saving the handling of sashes. except as they slide on the frame, with a saving both in glass breakage and injury from racking.

be way of effecting this is by hav-the hotbeds arranged in double as a and b in the engraving, with s space (c) between them equal in width to a hotbed. This space is demed to accommodate the snah when the bed is uncovered and thus never em into the walks (d d). It that the sash supports are



DE ARRANGED ON AN IMPROVED PLAN. twice the usual length-that is, they ach across the space c, thus keeping shes as safely supported and as free from racking when moved off the as when they are in place. The space accommodates the sashes of both beds, as the slope permits the extended parts of the supports to be

The space between the beds is not own at the sashes are entirely removo by the time the seedlings require

Potato Experience. at one of the Canadian farm stations aspending yield to the weight of tuiers planted and the result points to the inadvisability of planting very large are. Small whole potatoes were more attlafactory and give promise of furnishing in a favorable season means of disposing of some unmarketable po-tators. The result from seed ends on-by more the error of a prevalent theory as to their worthlessness for seed

DAISY.

Willard Grover was not a rich man, and ithough Daisy loved him as she could never love any one else, she was not quite sure that she was ready to give up every thing for love, and, besides, she was only

18 and he had seen nearly 40 years. "Dalsy!" he said again, and she raised a flushed face, saying respectfully:

He smiled just a little at her tone an

"How old are you, Daisy?"
"Young enough to be your daughter,

The man's face flushed hotly, for he was them, and after a few moments of silence he put out his hand and, taking hers for scarcely a moment in his own, said coldly: "I beg you pardon, Miss Raymond. I for-

got you were a child, with a child's feel-ings. It is not necessary to explain why I 40 gallons. If a third spraying is re-asked you here for a last walk today, for quired add still another 40 gallons of you are too young, I presume, to understand me." He raised his hat in adjeu. but Dalsy, hurt and angry at his tone, called after him, saying scornfully:

"If you see any pretty dolls in the city, you will send me one, won't you, Mr. Grover?" He did not answer, for he was more hurt at the allusion to the difference in their ages than she knew; but his silence was so

provoking, and she called again: "Mr. Grover! He turned with a new hope in his heart, but, without looking at him, she said

"If it is not asking too much, I would water in a wooden vessel. Slack four like some bonbons with the doll; all chil-

He was hurt before, but he was angry now, and his eyes were flashing at her in-solence, and he said angrily: "You will beg my pardon for this before we are friends again, Miss Raymond."

Well?" he said, still hoping she would

give him some word of encouragement. 'Unless you give me the doll and bon-He turned on his heel and strode away

without a word. Daisy watched him out of sight and then listened until she heard the whistle of the train that bore him away to the city to practice as a physician, and she knew it would be long, weary days before he would come back again. She tried to make herself believe that

she did not care, but the tears came in the soft eyes, and she gathered up the clover blessoms he had arranged for her and kissed them softly, for she did love the handsome doctor and would very likely has been done right the emulsion will ing the portion or my brain when have told him so if he had returned. But have the appearance of very thick remember.'

"But I have no idea how to begin." cars, was thinking bitterly that he had made a fool of himself and bit his lip with vexation as he thought of the doll and bonbons.

And then he thought sadly of his 40 years and wondered how he could have een so foolish as to think that one so roung and lovely as Daisy Raymond could link her fresh young life with his.

And he felt even older than he was, for all his life had been a continual struggle with poverty, and each year had been full of care, for he had his young sister to edu-cate and support, and he had never thought of a wife until he met lovely Daisy Raymond. But now a physician, an old and valued friend, had died, and, in taking the posi-

tion vacated, with a good practice, the way had seemed clearer and brighter, and he had now dared to think of Daisy.

The months went slowly by, and when nearly a year had passed Mr. Grover re-His sister was to be married and in-

sisted upon his being groomsman, and Daisy was to be bridesmaid. He came in the evening train, scarcely an hour before time, and Daisy fastened the flowers in her hair with trembling hands and went down to meet him with a beating heart, wondering what he would say and do.

He was standing in the hall when she came slowly down, looking more handsome than ever, and Daisy wondered how she had ever dared to tell that dignified, haughty looking man that he was old enough to be her father. She need not have feared for him, for he

came forward with perfect ease and took her hand, saying quietly:

"How do you do. my daughter?" She did not answer, and he looked smilingly down on the flushed cheeks and downcast eyes, but there was not time to say more until after the ceremony had been performed, and then he drew her out of the heated rooms into the cool, moonlit porch and, turning to her, said gravely: "Have you not a kiss for your father;

An angry light gleamed in her eyes, and the drew back haughtily as she said:
"You forget yourself, Dr. Grover. I am

He laughed and said carelessly: "I am sorry to hear that, Miss Raymond, for you will hardly appreciate the lovely doll and delicious bonbons that I

have brought you, then." She turned away her face, saying softly: "I did not know that you were so un-

forgiving, Dr. Grover. 'You have not asked my forgiveness,' "And I never will," Daisy answered

with her old spirit.
"But you said you would if I brought the doll and bonbons, Daisy. Isn't your word good?"

He held up before her a tiny doll and a

beautiful box filled with confectionery, and she laughed in spite of herself and knelt, still laughing, and, clasping her

hands in mock supplication, said:
"I beg your pardon, father." He took the bright face between his hands, detaining her.
"That is not enough, Daisy," he said.

You must confess too. "I have nothing to confess."
"You must confess that you love me?"
"But I don't," she answered, her face

crimson with blushes, But he read a different light in the dark eyes, and, although she is his wife now, he cannot teach her to call him anything but father .- New York News.

> A Question of Conscience. Bender-Middleway says he can't voto for our bill after all. His conscience, he

> says, will not permit him. Bowser-Well, I suppose there's no help for it, although I thought when we bought up Middleway that was the end of the business. Go find out how much his conscience will sell out for.-Boston Tran-

> > Limited Love.

"When your parents first refused me your hand, I was so wretched that I wantod to throw myself out of the window.'
"And why didn't you?"
"It was so high!"—Lustige Blatter.

VALUABLE FORMULAS.

How to Prepare Insecticides and Fungicides for the Destruction of Insects and Scale.

The following formulas for preparng insecticides and fungicides for the destruction of insects, scab, etc., have given them a trial:

For destroying the codling moth, canker worm, curculio and leaf insects of various kinds that infest apple, peach, plum, etc., mix a pound of london purple or paris green in a half pail of water, stirring until every lump very sensitive about the years between and particle of dry material is thoroughly incorporated; then dilute with 200 gallons of water for the first spraying. For the second spraying increase the amount of water by the addition of water. The foliage is more easily injured as the season progresses, therefore the necessity of diluting the material used at each subsequent application. Apply after the bloom falls and

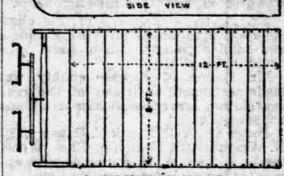
at intervals of ten days thereafter. For leaf seab, with which orchardists have had so much trouble and have so faithfully labored to destroy, and mildew on grapevines, grape rot and other fungus diseases, the following has proved efficient: Dissolve six pounds of sulphate of copper in hot sel and strain out all the coarser material. Dilute the lime with 50 to 75 gallons of water and then add the sulphate of copper. This is for use on plants in leaf. Copper sulphate solu-"I never will," said Daisy, most decid- tion, which should be used only on plants in early spring before leaves appear, is made by dissolving one pound of sulphate of copper in 25 gallons of water to be used in this form.

A combination mixture for both insects and fungi is made by putting london purple or paris green in a barrel with Bordeaux mixture. The bark louse yields to the following: One pound of common soap dissolved in one gallon of hot water; add two gallons of kerosene and churn, with a force pump if you have one, or by stirring until the kerosene and soapsuds are thoroughly mixed. If the work porated with the soap and water. Diute with 30 to 75 gallons of water when using. Any of the mixtures will prove very destructive to the pests if plied with a force pump with a spray

FOR THE ORCHARD.

low to Build a Pruning Boat for Hauling Away Limbs and Twigs Cut from Trees.

The pruning-boat is a handy, homemade necessity I noticed in a Washington orchard. It is used for hauling away the limbs and twigs cut from the fruit-trees to a convenient place, where they are burned. The boat is nothing more than a sled eight by twelve feet, with a platform of inch boards to receive the prunings. Three



A PRUNING BOAT.

or four men with pruning knives and saws cut the surplus limbs from two rows of trees at the same time, and throw them on the boat, to which a pair of horses is hitched. When a big brush heap is made the branches are drawn away to the fire and consumed. This assists in ridding the orchard of insects and disease germs, and saves the work of collecting the prunings after an orchard has been trimmed. The boat may also be used as a barn-yard manure-sled, and for hauling hay and corn-fodder to the feeding-yards .-Joel Shoemaker, in Farm and Fireside. ly, and the brain specialist smiled.

ABOUT GARDEN TRUCK.

Roots stored in boxes or barrels and covered with sand are much better than when left to shrivel in a dry cellar. Novelties are to the garden what

sauce is to the pudding. They may be no better than the old varieties, but there is pleasure and satisfaction in

Radish seed will keep in the ground through the winter. If a little place is prepared in some out-of-the-way corner and sowed late this fall, the plants will be up and growing with the first warm weather next spring. They will prove most acceptable then.

Sink a barrel two-thirds of its length in the ground, bank up to the top, then fill with cabbage and put on a covering ist, looked grave. of boards, straw or old carpet. The cabbage will keep till the last of winter regretfully. "His mania was first susand the barrel is accessible at any time. pected when one day he cut off all their beads that are to be kept till spring heads with a carving knife. But their we like pitting the best of any method. -Up-to-Date Farming.

Ladybugs Sent to Portugal.

Not many years ago Australian ladybugs were imported into California to make war on a species of scale which was then rapidly destroying the orange groves of the Pacific coast. The little this country today 24 cards are used in mercenaries did their work effectively, four handed games. The books generally and now California has sent them to the aid of Portugal, whose orange and lemon trees have lately suffered from attacks of the scale insect. From a few individuals sent to Lisbon two years ago, millions of the lady bugs have since developed, and it is reported that they are making short work of the scale pest

A MARVELOUS CURE.

"We have discovered," said Dr. Mac-pherson, "that each bit of a man's body has its particular bit of brain to direct its movements, so that if a patient comes to me and tells me that he has paralysis of the left foot I can put my finger on a certain spot on his head and say with been found very satisfactory and are certainty, 'Here is a small abscess on the highly recommended by those who have brain.' Then I send him to the operating room, the abscess is removed, and the

> "I will tell you a very successful case I had," continued the great brain spec-ialist, "which will show you that the idea of connecting particular thoughts or memories with particular particles of the brain substance has at any rate been

"It was a few years ago, when I was giving all my thought and attention to experiments connected with this subject —the motive areas of the brain—that a gentleman of 80 or so called upon me at my private hospital and said that he had heard of a very successful operation which I had performed on a friend of his. It was the cure of partial paralysis by the removal of an abscess on the brain. The stranger said that my success had made him desirous of placing himself in my care for the treatment of an even more difficult case. I expressed my willingness to do my utmost for him if his particular afflic-tion came within the scope of my powers, and I asked him to describe his symptoms.

"He began by saying that it would be necessary for him to relate in the first place an incident in his life, the unfortunate death of his only child, a boy of 4. The boy had died from drinking a wineglassful of carbolic acid which his father had

carelessly left lying about.
"'Three persons had warned me not to leave it where I did," said the father with such remorse and self reproach in his voice that his story affected me deeply. 'I myself knew I ought not to leave it, and still I did. I had told little Eric not to touch it, and I thought he would have obeyed me. * * * My carelessness was so flagrant and my reason for pouring out the acid at all sounded so incredible-it was for an experiment on a tame pigeon—that I was actually arrested and charged with murder. My grief was so sincere and there was such a total absence of motive for my you if your pockets were lined wit wishing to kill the boy that the jury ac- gold." quitted me. Day and night ever since I have had no rest and life has become unbearable through the memory of my crime. If I can find no way of forgetting it, I shall be driven, I know, to the further one of taking the life that God gave me. You must help me to forget.'

" 'How?' "'By a surgical operation. By remov-

of your brain on the chance that it will be the right one?'

brief bag, which he had brought with him, applied properly. They should be ap- and took from it the freshly severed head of a dog. 'I have brought this to assist you,' he said, and he went on to explain. 'I have ever since my acquittal busied myself in experiments with a view to finding out the exact part of the brain which it is necessary to remove. An account of my experiments will interest you, possibly. You must know that I have seven very intelligent dogs and a great number of tame pigeons. The dogs have been trained not to touch the birds. My first step was to induce them to do so by placing every temptation in their way that I could think of. I had considerable trouble with Carlo, the one whose head I have brought you. They were such good dogs that I knew they would feel a considerable amount of shame and remorse after the deed, and as a matter of fact there was only one of them, a comparatively young

every sign of contrition when I pointed to "'As soon as things were at this point of course I resorted to vivisection and tried the experiment of removing different parts of the brain, an experiment which turned out even more successful than I had hoped. The seven dogs are now dead, but I had the happiness of seeing Carlo before he died gaze at the empty pigeon cage without the slightest expression of remembrance of remorse. I had found the spot in his brain which I needed, and I have brought you his head to assist you in the operation. Do you care to undertake it

"Well, things wore a different aspect after he had told me about his experiments, and I said that I should be very happy to treat him and that I had every hope of a successful issue to the case. communicated with his friends and allowed him to enter the hospital at once. That man is now alive and well, and if you tried all day long you could not persuade him that his child's death was in the least due to any act or omission of his."

"Then it is the most wenderful case I have ever heard of in the whole course of my existence," I burst out enthusiastical-'Perhaps it is not so wonderful as you

think," he said. "For one thing, he never had killed his child. As a matter of fact, the boy is alive at this moment. You see, the man-as I ought to have guessed at once, although I never suspected it until he produced the dog's headwas a raving maniac. I made inquiries about him, of course, as soon as I had him under lock and key, and I found he had escaped from a private house near. His wife was very glad to let me take him under my charge, with, I am happy to say, the best results. I look upon his complete cure as one of my greatest successes. He was a scientist who had overworked his mind in the pursuit of chemical research and was suffering from homicidal mania. His child was removed out of his way after he had made an attempt of some

"And the dogs?" somebody asked. And the doctor, although he was a vivisection-

"Yes, the poor dogs were dead," he said deaths have not assisted in the discovery that may yet come of 'thought areas' in the brain."—Pittsburg Press.

Enchre an Old French Game. Euchre is the ancient French game of triomphe. The early French settlers brought the game to America and played it with 32 cards. As commonly played in give 39 cards as the proper number, but that number is not justified by American

As to Aguinaldo.

"Speaking of Aguinaldo, no country

A Victim of Circumstances. "You predicted a cold wave, sir,"

"Yes, sir," replied the weather man. "Whereat the coal man raised the price of his wares, and I was forced to go a foot deeper into my pocket. The cold wave didn't come, and now I want to know who's going to indemnify me."-Philadelphia North American.

Too Much For Him. "The handwriting expert was floored

"How?" "A woman's letter was produced in evidence, and he couldn't tell whether she wrote the first page first or the last page first."—Chicago Record.



Mr. Meeker, who had gone to the front door to answer the postman's ring, put his head inside the door of the room where his wife was sitting. "It's a letter for me, my dear," be said. "Shall I open it?"

Hypothetical.

"No," she said, "I wouldn't marry

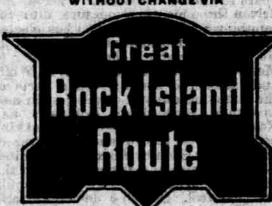
"In which event," he replied, "I wouldn't be proposing."-Philadelphia North American.

J. H. McMurtry Bankrupt

J. H. McMurtry an old resident and has been done right the emulsion will ing the portion of my brain with which I for years a prominent business man of Lincoln has filed a petition in bank-Court. The total liabilities are \$224. 672.22 and assets are placed at \$150.00 The debts were contracted in three years To my astonishment, he opened a small from 1894 to 1897.



dog, which did not drop its tail and show Between Chicago and San Francisc



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NOTICE

In compliance with the statutes of the State of Nebraska, in such cases made and provided, notice is hereby given that sealed proposals will be received at the office of the Commissioner of Public Lands and Buildings until 9 o'clock a.m., April 2, 1900, for furnishing supplies for the quarter ending June 30, 1900, for the Hospitals for the Insane at Lincoln, Hastings, and Norfolk; the State Industrial School at Geneva; the Girls' Industrial School at Geneva; the Institution for Feeble Minded Youth at Beatrice; the Soldiers' and Sailor's Homes at Grand Island and Milford; the Home of the Friendless at Lincoln; the Women's Industrial Home at Milford, and the State Penitentiary at Lincoln. In compliance with the statutes of the

tendents of the various institutions,

A bond for a sum equal to the proposal shall accompany each bid. All bids to be made in duplicate.

No proposal will be received unless in the office of the Commissioner of Public Lands and Buildings on or before the day and hour above mentioned.

The original of each accepted proposal must bear a 50-cent revenue stamp, which may be affixed after the award is made. No bid in which samples are called for will be considered unless the samples are submitted.

The board reserves the right to reject

any and all bids.

J. V. WOLFE, Secretary.

Lincoln, Neb., March 15, 1900.

N. B.—The board will undertake to

consider all bids for all goods in one day.



To the Hog Raiser:

You know what we all call Hog Cholera! Any disease they die with (is the common expression.) Do you want to feed a preventive? Do you want to save 75 per cent of your herd if sick? The loss has been very heavy in this state during the past year. Take time by the forelock and feed as a preventive. Do you know what will prevent it? Do you know what will cure most of your hogs if sick? If not, give Ungles' Hogette a trial-indorsed by such well known breeders as

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Wm. Foster, steward asylum for insane, Lincoln, Neb. Geo. W. Leidigh, ex-warden state penitentiary, Nebraska City, Neb.

Chaffee Bros., Burr, Neb. Hitchcock, E. Ross, Sterling. Higgins, Jno., West Lincoln stock yards, ex- U.S. examiner.

Valentine, T. E., Aurora. Campbell, C. C., Tarkio, Mo.

Foss, Hon. S. R., Crete, Neb. Benton & Hopkins, Oberlin, Kans.

Graham, Frank, Lincoln, Neb., ex-mayor. Knapp, J. W., Wahoo.

Cortney, G. B., Dewese, Neb. WRITE THEM-and hundreds of others over the state. Where will you find such an array of indorsements for any

other remedy? Your attention a moment longer on the brood sow: The brood sow should from now on receive the uttermost attention. She should receive a liberal dose twice a week of bone-making material, such as Ungles' Hogette is. The remedy not only makes the necessary bone, but is a preventive and conditioner, putting the sow in a perfectly healthy condition, helping her at farrowing time-makes her milk pure and free from fever, and thereby doing away with the great loss in suckling pigs that we sometimes have. You should also give her the run of the yard, if possible, where she will gather up lots of valuable feed. Her sleeping quarters should be warm and dry, changed at least twice a week. You should make a practice of petting her, and if you devote a few minutes to this every day, when farrowing time comes you can get right into the pen beside her and not molest her at all. By so doing you will be able to lend her any assistance she may need at that time without causing her any un-These cars are carried on the limited easiness. But if she has had plenty of exercise it is doubtful trains of the Great Rocks Island Route, if she will need any help at all, provided she has not been over fed just before parturition. We ask a trial order of Hogette. Price in 11b boxes, 6 for \$5; 10lb cans at 60c per pound; 25lb cans at 50c per pound.

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