THE KITCHEN GARDEN.

Harry - Jack - Dar Daren Legentry Str. Sections of Street

German Hot-beds.

We take the following description of a method of preparing cotton cloth so as to answer the place of glass as a covering for hot-beds, cold-frames, &c., from Our Hotelowick. We have never tried this swill give it a trial and send the results of their experience to the Canada Education.

We feel that, in giving some account of translucent cloth hot-beds, to be employed instead of the expensive glass frames in general use, we are doing all our gardening readers a service. We can vouch for the value of the "therman Hot Beds," having tried them very stace willy many years ago. For forcing early inclose, tonation, etc., this prepared cloth is especially adapted, as it can be tacked to boxes of any size required and cut to it them. Lattle rough square boxes, of the proper lize and height, covered with the prepared cloth, can be placed over the hills in which tomate, and an or other seeds are planted, and the plants allowed to stand, without transplanting, until all darg t of frost is over, when the boxes may be taked on and packed away carefully for another season.

Take white cotton cloth, of a close texture, stretch it, and nail it on frames of any size you wish; mix two comes of lime water, four conness of linseed oil, one cance white of eggs separately, two counces of yolk of eggs; max the time and oil with a very gentle heat, b at the eggs separately, and mix with the former. Spread this mixture, with a paint brush, over the cloth, allowing each coat to dry before applying another, until they become water-proof. The Leading receivement in the mixtures with a paint brush, over the council of the order of the owner proof.

- I Threat bling hardly on sourth.
- 2. It pairs are easily and chearly made.

3. They are light; they do not require watering; no matter how intense the heat of the sun, the plants are never struck down, or faded, or checked in growth; neither do they grow up long, sickly, and weakly, as they do under glass, and still there is abundance of light. The heat, entirely arising from below, is equable and temperate, which is a great object. The vanor arising from the manure and earth is endense; I with a cool air passing over the surface or the shade, and langs in drops upon the inside, and they are the plants do not require so frequent watering. If the frames or stretchers are made large, they should be intersected with cross-bars about a root square, to support the cloth. These articles are just the thing tor bringing forward flower seeds in scason for transplanting.

Trees in the Kitchen Garden.

We would caution our young beginners in horticulture and gardening, against the too common practice of growing large fruit trees in kitchen gardens, as the apple, pear and cherry trees are often found high enough to require a thirty or forty round ladder to gather the fruit. These towering trees are much more hurtful in the kitchen garden than is generally supposed; as their roots in the well cultivated mold of a garden run a great distance, and the crops underneath the shade of the trees are very indifferent in quality. As most gardens are more or less frequented by the family and their visitors, good, useful crops are certainly more interesting than poor ones, with an indifferent crop, perhaps, of apples or pears on the trees which overlang them. It is better to have the trees will do better because they can receive the culture just for them which is surface culture; whilst the garden can be deeply ploughed to insure good crops of vegetables, which would be injurious to the roots of trees.

The main object in recommending this system is, to relieve the garden from those high, sometimes broad, overshadowing trees which greatly injure so many plots of vegetable ground. Trees are often too near; though on the outside of a vegetable garlen, they mjure by their shade, and they send their roots long distances foraging, and the more rapid growing kinds will soon devour the very fat of the land. We have seen a root upwards of fifty feet long, and nearly as thick at one end as the other, where it had got into the line of a flower border of good maternal, and speedily found its way to the furthest end of it. Trees on lawns will also search out flower beds, and occupy their enriched contents with astomshing rapidity, to the detriment of the proper tenants there.—Pacific Raral Express.

Medical Value of Aspersgus.

A medical correspondent of an linglish jon, nature, that the advantages of asparagus are not sufficiently appreciated by those who suffer with rheumatism and gont. Slight cases of theumatism are cared in a few days by feeding on this delicious esculut; and more chronic cases are much relieved, especially it the patient avoids all acids, whether in food or leaverage. The Jerusalem articele has also a similar effection relieving rheumatism. The heads may be caten in the usual way, but tea made from the leaves of the stalk, and drank three or four times a day, is a creatin remedy, though not equally agreeable.

How to grow Early Cabbage.

The Pacific Rural Press says: "Take a large base of cabbage, strip off the outer haf, and strip of it'e bud found at the root of the leaf. Take this bud, simply set it in rich earth, like any other plant. The result will be a fine growth of early cabbage plants, with heads larger and sounder than can be raise if the of linery way."

THE FRUIT GARDEN.

Grape Vine Ties.

There are a great many substances that can be. and are used for the purpose of tying up grape vince. but what is the best and cheapest is, I think, yet an open question, which I propose to discuss. To come to a proper understanding as to what substance is the cheapest tie, other things than the mere first money cost must be taken into consideration. For mstance. I shall propose three-ply jute twine as the cheapest material with which to tie up the green wood, which can be had at 25 cents per pound, some one else proposes rye straw saying that it costs almost nothing, etc. Well, let us see. Ten pounds of twine costing \$2.50, have always sufficed to tie up all my grape vines, besides what was used for strings to bud with, and to tie up all sorts of other things. In using the twine there is no loss of time in preparing,

using the twine there is no loss of time in preparing, etc., and a man can do more tying with this material in a day than he can with any other that I know of. How is it with ryo straw? A piece of ground must be ploughed and harrowed, seed must be purchased and sown and harrowed, seed must be purchased and sown and harrowed in, and when you want to tie you have to prepare it. Who will say that enough for 12 acres can be thus grown and prepared for less than \$2.50. In fact I don't think any one can begin to even prepare it for that sum after it has been grown; and when grown and prepared, vines cannot be tied up near so rapidly with it as with the twine; and after the rye straw has been on a while, has got dry, bleached by sun and rain, and is partially rotten, along comes a rain and wind, and down come great numbers of the young canes that have been tied up, and very likely have to remain on the ground several days before being again tied up—and a greater loss is the result than would have been the cost of the twine with which to tie up in the first place. Gunny sacks are good, but the first cost with the labor to prepare them, taken together with the difference in the amount that can be ecomplished in a day, will make them a dearer article that good new twine.

I'mm my experience and observation, I am free to recommend three-ply jute twine as the best and chapest material with which to tie up the green wood of grape vines; and for tying the bearing canes. I have found nothing cheaper or better than an article of tarred rope, resembling lath twine, but only half as thick, used by hardware men to tie up hube, spokes and various other articles requiring a strong tie. It comes in coil of 85 strands in a coil, weighing about a pound to the foot, and bells at 28 to 30 cents per pound. This can be cut into lengths of 8 to 10 feet a strand, drawn out and used from one end, when a tie is made, it is cut off, and thus there is no lengths before using. With this there is no loss of time to prepare it for use, more vines can be tied up than with any other article that I know of, and it will last the whole season without giving away; and when the work has been properly done, there will be no need to go through the vineyard after every rain or wind and tie up vines that have torn loose the test that have failed to hold them.—E. A. Richl, in Eural

Current Blight and Worm

Our attention has been called to a subject of lively taken place. After the bud has grown interest to current growers, by Mr. E. W. Garvitt, the remainder is removed. — Cultrator.

of Alameda. His observations go to show that many of the current buches of Oakland, Alameda and other places around the law, that have hitherto produced the law, that have hitherto produced the copy of the law of the property to be a land of blight, accompanied by the presence of a confermed for parasite in countless numbers. For his that numbered are seen to be builtess, and looken the other ricks, standing in the midst of younger. Lot a last recent to be but little affected.

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Note a datable to in making careful examination of all cut, deathe, and every part found to be disclosed by the linear all every part found to be disclosed by the linear all every part found to be disclosed by the linear all the weak can be described and their increase materially lessened. The observative to a great extent, all the old wood, or that force than two years old, should be cut away every year. Laving only the young and vigorous thoses to be ar finit. In this way the ravages of the in set can be greatly lessened, and the fruit increased in size and quality.—Rural Perss.

Remedy for the Currant Worm.

Powdered white hellsbore is a perfect specific. If seesonally and rightly applied, the destruction of both eggst and larve are complete. It will not do to wait until the bushes are defoliated, but watch them narrowly, common any early, before the leaves are fully grown. The first indications are seen near the ground, or on the lower branches, in the finely perforated heave; on the under side of which will be found manders of very minute yellowish green worms, and perhaps some undusted eggs. No time is to be lost now—have reacy the hellebore previously rubbed through a sieve, or otherwise freed from lumps, and, passing along to wateward of the row, tenter with the handsutacient to dust the lower perion of the bushes. It is not necessary that the have aloudd be wet. A gentle breeze will diffuse the powder throughout. The eggs are always deposited on the under ride of the left, and three or four distanct crops of worms appear dering the season, each succeeding one lacher up on the bushes, which must be looked over often, and if there are any worms, renew the application. Four years ago my busines were overrun, and a part of them, with the fruit on all destroyed. Since then I have pursued the foregoing plan with entare success, having healthy bushes and abundant crops of threst currents. My neighbors have delayed longer, been less thorough, and lost their crops almost entirely. A great quantity of hellebore is not necessary in light but complete dusting does the work. Con teg Contlemen.

Bud-Grafting the Grape.

A concespondent of the London Carden gives in substance the following mode of working our value-less sorts of the grape, which he says is better than either common ludding or grafting. The best time for the work is after the wire has partly broken into leaf, and the hi or ing has merly ceased—the shoot from which the ludder taken having or course been kept dormant in a cool place. First cut off a piece of wood from the shoot of 1 tyear's growth, three or four inches long, with a plump bud well ripened at the middle. Then cut also plump bud well ripened at the middle. Then cut also plump bud well ripened at the middle, the next to glergthwise one-half the wood, taket general to destroy the pith at the woody base of the bud. Out the ends with a sharp lanfe perfectly rimodh and straight, and then place the prepared bad on the strin of the old vine to be worked over, and man's cat the exact length and breadth of the piece holding the bud; cut out a part of the stem sufficient to receive the bud with close fitting—one side at least, and both ends should make a perfect fit. Press the lud in, the firmly, and cover with clay or grafting way. Several buds may be inserted in one large stem, to guard against failure. A part of the top should remain until the union has taken place. After the bud has grown a few inches