and as high flavored as when grown on the comnical apple stock; at what age they generally begin to bear; how much fruit on an average is produced by dwarf apple trees at four years old; how much at eight. Also, whether they are adapted to all soils, or can be grown only on some particular soils; whether they require any special treatment, and if so, what it is; and whether they have been found to fail under any circumstances, and if so, what they were.

Many gentlemen doubtless have had more or less experience with dwarf apple trees on Paradise stock. Will they please send it to you, Mr. Editor, and in addition to Mr. Werden, you can call on Mr. C. Arnold, of Paris, County of Brant, who has had considerable experience with these dwarfs, under circumstances calculated to test their hardiness and general value

for Canada.

D. W. BEADLE.

St. Catharines Nurseries, March 1861.

Orchards on Steep Hillsides.

Well do I remember when I was a boy, getting many a bump in the ribs, from the plough handle while working our steep hillsides for rye and buckwheat, and not with the best of feelings towards our forefathers for clearing the tumber off. I am frequently asked which is the best place to plant an orchard. advice is to take the best land. I would always prefer a sheltered situation, behind a hill or wood. Steep hillsides are generally objected to for planting an apple orchard; but I think a steep hillside is not the worst place by any means. My hillside orchard is doing quite as well as any I have. It is in the form of a half circle, with a south-eastern exposure. I plante my trees in a half circle to suit the hill, in order to make it more pleasant to work, and also to keep it from washing. I think that trees can be placed much closer on a steep hillside than elsewhere to advantage. My method of cultivation has been to plough down from the upper side to within four or five feet of the next row. plough the first furrow close to the row with one horse; I then plough the balance with two

In four or five ploughings it will form a terrace that unswers a very good purpose. I had also planted a row of nursery trees with each row of orchard trees, which did very well. By merely working from the upper side, the spaces are now level, or rather inclining a little back, which causes it to retain moisture much longer than it did before it was ploughed into terraces. The spaces between the terraces I use for strawberries, blackberries, seed-beds, etc. It is also a first rate place to raise early vegetables.

The side-hill used to be a regular eye-sore, but now it is the prettiest part of my farm. I think we can make no better use of our steep hillsides than to plant them with trees, if it were for no-

thing else than for the appearance. The grass growing on the terraces we used, when the trees were young, for mulching; drawing mellow ground on them from the upper side.—C.B. OTT IN Gardener's Monthly.

Rhubarb.

The different kinds of rhubarb are raised from seed, and increased by that means, or by dividing the roots; the latter is preferable for increase, there is a much greater advantage in getting good strong plants in one half the time they could be had from seed. If raised from seed sow in sixty sized pots, very thinly, in a mixture of earth consisting of one half leaf mould and one-half rich loamy earth; place the potsina cucumber frame, or hot house, until the plants make their appearance, which will be in a ven short time, provided the seed is sown in March As soon as the plants have attained the height of one inch, let them be thinned out to a single plant, and in two or three days move the pour into the green house, or other cool place, to harden the plants. As soon as the pots begints be full of roots, which will be the case in two or three weeks, let the plants be moved into pos a size larger, and in two or three weeks im the plants may be placed in the rows where the are to remain,

If increased by dividing the roots, take carthat there is a bud on each part you intend to plant; let one of those buds be placed in the centre of each pot, and as zoon as they begin to be filled with roots, &c., treat them the sames the seedlings. In making the ground or row ready for glanting, throw out the earth two fed in breadth, and to the depth of twenty inches; let this be filled up with equal parts leaf moul rich loamy earth, the soil which is thrown of of the trench, if of a moderate quality, and on part of good rotten dung, to which add a small quantity of sharp sand; let all these be incor porated together. Fill up the trenches sufficient ly high to allow for setting. When the early has sunk down, turn the plants out of the pot into the middle of the trench, three feet apart in the row, and if a double row, let them be four feet row from row. If the above insing tions be properly attended to, rhubarb of a fix rate quality will be produced. The only manage ment required afterwards is to keep the rowsder of weeds, and every autumn to fork the group over to the depth of four or five inches, core ing the same with a good coat of rotten manus, take care not to injure the crowns in forking As soon as any of the plants begin to run ! for flowering, let the stem be immediately at off, which will be the means of keeping the plants in a much stronger growing state; for when they are allowed to retain the flowering spikes, it weakens the leaf stalks very much-RHELM GIGANTELM, St. Albans, in Gardens. Monthly Magazine.