farmers and frult growers. A leading aticle is devoted to apple culture. The Golowing remarks unon the care of the crachard minght be advantageonsly con shlered at the present the.

Game of dill ollchard.-The or chard should be cultivated contimonsly at beast sia or elght years after blantfing the trees. the patatice of sowing grain in the joung orchard is an injuHous one. All cereals datw heavily unon the molsture of the soll at the same time as the trecs are making their :ammal growth, and eonsequently act is a serlous check upon the latter. When apple trees are plamed, they should be cenarded as the crop, and they alone ought to have possession of the soll which they occung. When, owfys to pressure of circumstances, it is found necessary to grow grain crops in the orehard-as has been the case at the Central Famm-strips, fire or six feet wide, should be left on eteh side of the ireerows for the passage of the cultirator. This is at good plan to follow at all times without reference to the eron cultivated, whether it be roots or ceeeals. The best crop is one which meeds cadtivation during the early part of the dason, and is removed about the mid dle of July or the first of August. D:irly potatoes will be found to fill these equirements, but other hoed crons, such as com, beans or carly veretahles may also be grown satisfactorily, Cle:n culture is at all times desirathe and will ahoays pay. Weeds and rubbish attract and afford shetter for mice and insects Cultivation should be clean and thoronah (aleh year, but should not be continue hroughout the summer. In this vicini 3 , the ammall growth takes place pre dous to July tirst. After that perion the function of the leaves is to elatorate the nourishment drawn from the soll and the air. 'This material is stor all in the buds and young wood tissur. and the process gees on to, or apmoach ing the pleriod of the fall of the leaver. Everything that the cultivator can alo (o) facilitate this process should be done Gultivation of the soll tends to remte available, for the use of plants, the fom siored un in it. This is why stirrin: the soil fremuently, so materially acoist the growth of such plants as corn and cabbage. Cultivation, therefore, promin iss ami encourages arowth. In order for ireses in cold climates to sumeres fally withstand the frost. the word must be in a well-rijened condition, that is, the liquids or partial ligulds must have changed to solide, surlh as starch and its allied forms, in order to assist growth the following spring. The best rule, therefore is to cease cill. livating about the midale of July or the first of August. If the orchari is then seeded with Mammoth clover. T.ucerne or some olher legimme, a filr frowth will be olitained the same siatson, which will act as a cover to the koil in addition to keeping down This may be ploughed under marly thin following spring. Huckwheat is orrat sionally sown, lut is rather olijectionable on account of the seed rosting in the ground (1) A fior six or soren vons of cullivation it may lie roliud conve. jient, and it is also a gool plan. in ged? down to dover Some prar growirs follow the practice of allowing the elo cer to lle on the grommil after rutting it This acts as a manurlal muleh and eaves to the soil all the extracted plant food in addlion to the nitrozen eollect cd by the closer roots (see chanters on
(1) And the shed sexd. too. kecps coming un and spolls the sample of nucerealug prain-crogs,-FA,
sull in the Chemist's report for 1893-4 5). The mactlee which many farmers fotlow of talilug a crop of haty from the or hard hand each year is not a geon ones, and should not be encourared. In orey instince, as bufore stated, it should be remembered that the trees are a suflicient crop and that any other rop that may he grown should be esrelally proviled for by exata manur ug. Mamurlog and culthation will anways pay: Early mistakes in the manatgement of an orchard are not easily remedied.
IIELD OF R.ASBMERIMES A'T O'T
"ANA, 1895.
Some interestug results were obtain al from the treatment of the rows in different ways during the year. Of the collowing 17 varfetles of red baspuer ics, each is made up of two rows of tants 10.5 reet in length. As soon as he fruit was harvested in 1894, one ow which had previously bern cut back or summer pramed, had the old wood taken out in addition to some ton moning wheh took place at the same ime. The other row was untonched. I: the autumn. half of each row was aid on the sround, hating only sufth dent soil hatd upon the ends of the anmes to hoh them down. Reronds are ulmitted of the yield whtained from ach row together with the relative mount of injury sustained during winter. It will he seen that the estlwated yiell per acre for these varieties wrages higher than those in the next able, not so treated.

|  |  |  | ected. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1-16 | 1-10 |  | 1-10 |  |  |  |  |  |  |
| Hecbiner. | 330 | 10 | 10 | 7 |  |  |  |  | 96\% |  |  |
| Springfiel | 330 | 10 | 10 | $\stackrel{5}{5}$ |  | fune 26 | 610 | 13 3: | - |  | \% |
| Hoyal Church.. | 3341 | 3 | a | 71 | 7 | hilily 8 | do | \$312 | 379 | 601 |  |
| Carnan ................. |  | 10 | 10 | 9 |  | dune 20 | c do | $3{ }^{3} 95$ |  | 671 | 1.268 |
| Thumpon's E'y Prolilio .-1 | 330 | 10 | 10 |  | 9 | do 26 | Gluly | 29.362 | 65. | 1049 | 1.975 |
| Herstine.. | 330 | 10 | 10 | 8: | $\stackrel{3}{*}$ | Suly 8 | 8 Ang. | 83323 | 439 | $32^{2}$ | 1,546 |
| Parnell ......... | 330 | 10 | 10 | 71 | \% | 10 | 4110 | 1322 | 373 | 702 | 1,320 |
| Golden Queen. | 330 | ${ }^{3}$ | ! | 61 | G | do | G] 10 | S[10, |  |  | 1.859 |
| Heeder ........ | $33 n$ | 10 | 10 | 31 | 13 | ${ }^{10}$ | 9 do | $8{ }^{8} 193$ | 161 | 36 | 679 |
| Brandywine | 330 | 10 | 10 | 7 | 7 |  | 4 do | $8{ }_{8}{ }^{3} 3$ | $0_{15}{ }^{1}$ | $10^{-}+$ | ,02? |
| Niagara. | 330 |  | 10 | 7 | - | do | do | S 2 ? | [63 | \%si | 1.480 |
| Marlior | 330) | 10 | 10 | 61 | 17 | 10 | ? 4 uly | 2 9 233 | 27 | $5{ }_{5}$ | 935 |
| Hansell | 330 | ${ }^{3}$ | 9 | 31 | 17 | .lune 20 | 610 | 23.31 | 4? | 781 | 1.380 |
| Clark. | 330 |  | 9 | 131 | ) | \|July 4 | 4.10 | 3 $0^{19} 0$ | 373 | $58^{2}$ | 1,093 |
| Cuthbert. | 336 | 10 | 9 |  | 8 |  |  | S 35 | 701 | 053 | 1.939 |
| Turner | .... | $\stackrel{8}{8}$ | 10 |  | 8 | 10 | 10 | 193 |  | 733 | 1,390 |
|  | ..... | 10 |  | 7 |  |  |  | S/17 |  |  | 2,108 |

It will he seen (1) that the protected plants came through the winter in acarly every instance without injary 10 representing immunty: the descombing seale indeating increased injury; (2) the yiehds from the pronctl and unpruncl rows show a balance in favour of the latter in almost every in-stance. 'This may seem contrary to what might have bern experted, but is exactly in accordance with the acsual returns.

Report of Morticalturist, Central
Experimental Farm, ot-
tawa, 1505

## Honsehold-Matters.

HICICIISG.-Iust at present, heycling secms to lave taken hold of eve booly, and to lookers on it does seen |il iery pleasant wout.
way of spending a
a

Culoubtedly this exere'se taken in moleration might prove vers beactlala oo some, 1 hance heard lately of the dolng moll good to a sufferer from fadgestion. If It does this what a hoon it will he to thise sufferers who count by hundreds In these diys.
It cammot be that al ride beatuse it Is the fastion, there must he some peene who eycle for the ex bilatathoge exerise or that it really does them grod.
A person in low spifits must soon rorget the same, for every attention must be givin to the careful guldane of the machine to lieep out of harms way. 'To real oneself flying through the streets and lanes with so litte tronWhe, the thrilh of dellght at the frecdom of dohna so, must mise the sphits and make them say, at least for the ame belay. begone dull care
So I think one might fairly hope that ha bleycle whll pore a help to the workers, and a health givins exercise o many a weary and overtaned mind.

HEST SOMEIMAES.-There are so many overworked women in the world wioho if told they must rest say, I have on that for It and so go on till they work hemselves luto at state of nerrous dent Ity. when they are olliged to otive ui entirely to what nature demands ami ake a forced rest.
It is unfortunately too often the canhat many women camot rest in the: uwn homcs. Thelr brains are always hinking about what should be golng ons always fretting and working because lhings do not run smoothly.
o do thls every effort must bo made o Induce It.
There is no doubt, every person ought hate a bed to themselves, for why shothla a good sleeper be disturbed by a estless sphrit who cammor.
Espredially is this the case with chilben, one sleeps well, but is constantis being distubed by the other.
A IIttle girl told me she colld not rest well at alght, owing to the restlessmess ot her slster, these children ougit decidedly to sleep separately.
'To insure good rest, children should me mate to take a good wash, not forcetling the fees, and never go to bed humbry or thinsty; after this mothers mblit get what they need, a sood undisturbed night's rest for themselves.

MHLK DIET IN: 'YiPIOID.-Da Cosa thinks the exclusive milk det is : source of mischitef rather than good. atd recommends three piates of milk, atiernthed with one of both. He, however, vidently does not recognize the fact anat the latter hats scarely any value, hic little extract of meat it contans acting solely as a sthumlant, and, niore wer, with a great tendency to cause alatulence. It has on several oceasions reen pointed out that whenever curd cein be seen in the motions. tca much millk is being given, and it may fudicate clat it is not bein: digested at all. It is lest replaced by white of egg beaten up, and iargely dlluted with arater: in this way can he intreduce auy requisite amome of real rood, and in the haudest and most read ly diges (ille rorm; it le:ives no solld residue and c:an cause neilher dharrhoea nor zascous distention.

QUINCE JELLLE-Take the parims and hard parts round the cores, of hall a peck of or:ange quinces, after cazinag the best portions, cover them with cold water and holl slowly several hours; add more water, if needed to keep them covered. Tum into a dannel bay, and let them drip all night. In the morn ing. wil the juice $\mathbf{2 0}$ minutes, and skim :ell, then stamin it again through a very fine ilamed. Measure the juice, and add o it three-fourths as medh sran hel ungil it jellies on the evige, or when turndd on to a cold plate. Then skilm asain and turn into giasses.

TOMATO FMITTERS.-One quart can tomatoes, 1 tablesjwon butter, 1 tablespoon flour, 1 teaspoon salt, 1 teaspoor sugar. 1 teasinoon pepper, $2 \mathrm{egss}, 1$ lhint sifted crumbs.. Cook the tomatocs 10 minutes, add the sugar, make a bauce of butter, four, salt and pepper. Bant the emss and stir in, but do not cook. Strain into at naphy. (1) Cut 8 slices of bread 3ininch thick and lay on a platter with hall the sauce ta it first and your he other hale on. Soak a hald hour, cover the slices with crumbs amd fry in a wire basket.-"Cooking School."

OREAM OF BAMLEY.-Wash $3 / 2 \mathrm{Ib}$ arley in sucressive waters, rubhing it retween the hands untll the water runs or clar. Par-holl and drain and put in to a saucepan with a gurt of wak rad broth; simmer four hours; relun lo a saucepau and add one gaart of bollng mill and a tablespoonful of butter, with seasonings to taste. This soup is delightituly clanged by the addition of
(1) What le a. y ?-Ed.

