FARM AND GARDEN.

OF INTEREST TO MATTERS AGRICULTURISTS.

Some Up-to-Date Hints About Cultivation of the Soll and Yields Thereof -- Marticulture, Viticulture and Florieniture.



ISTAKES in planting.-it is a mistake to plant trees till you get your ground ready; or to plant in soil not growth; or that has not been properly enriched and thoroughly underdrained-trees will not

thrive with wet feet. It is a mistake to plant in certain quarters of the moon-trees do better planted in the earth. It is a mistake to plant too many varieties-or to plant all of one variety—or to plant a variety because some tree agent advises you to; or to plant every variety offered you before it has been thoroughly tested in your locality, unless you have the means to conduct an experimental fruit farm. is a mistake to plant in post-holes and think that trees will grow without any further care or cultivation. It is mistake to plant at all unless you know what varieties you want and how to take care of them when planted.

Mistakes in Cultivation.—It is a mistake to think that when trees are once planted they will take care of themselves. It is a mistake to turn young of their development. trees out to grass before they are weaned from the nursery. It is a mistake to think they don't want just as good cultivation as corn or any other crop to succeed well. It is a mistake to try and raise crops year after year from an orchard without returning anything to the soil; trees want feeding as well as your pire or cattle to produce growth or fruit. It is a mistake to trim by home or cattle power, you gre apt to overdo the job. It is a tain take not to trim and snage your trees when yourg and thus avoid the necescity of removing large branches waen the trees are large, and thus mutitate and injure them. It is a mistake to let too much fruit grow on young trees or vines. It is a mistake not to thin out begyy crops on any trees.

returns from every commission man who are to practice them. you send to. It is a mistake to send eff fruits to be sold on commission if you can get a fair price near home.

trees that die before coming to maturto sell all their surplus stock, and that tree agents don't often buy it and without their knowledge, re-label it just out, and when it bears, nurserymen get the cursing. It is a mistake to think all tree agents are rascals. - A. M. Smith.

finndling Quinces, Quinces may be gathered as they Mpen in such a manner as to prolong the reason very much. No fruit needs more careful handling-even a thumb mark becomes a dark spot in a short time. Fer shipping to a distant market in considerable quantities, probably no package is more satisfactory than the ordinary apple barrel. The ends should be lined with white paper and the fruit placed in very carefully, calyx end downward against the head, instead of the stem end, as with the apple. The tail end of the barrel should be gently pressed to ''s place with a lever or screw press, but less heavily than in the case of the apple, because the textare of the quince is more brittle and less clastic, consequently every bruise result in a serious blemish. For a near market, and in smaller quantities, no package can surpass the now rery popular twelve quart basket. Whichever package is used it will usu-My be found best to make two classes, and not to ship the small mis-shapen, poorly colored specimens in the same package with the choice fruit. If, owever, no selection is made, a fair we best and worst should be made marger that dealers may know exactwhat they are handling and buyers may know exactly what they are buying ... Linius Woolverton.

The Mastery of Farm Condition,

One of the most disheartening experiences that can befall a man who is making a business of growing a particmar garden or farm crop, is to witness he failure of such a crop when he does know what to do to prevent the Such an experience quenches one's sem in his work, temporarily at and weakens his faith in his abilevercome the obstacles that he

been the direct cause of the growth of one crop after another being abandoned; and occasionally this has resulted in New England in the abandonment of the farm altogether. On the other hand, to feel that one understands the peculiarities of plants and knows what to do for them and when to do it if they are threatened with disaster, begets a certain confidence in the occupation, and in turn this begets an ambition to cultivate more crops and larger fields and to increase the production of each square foot of land so tilled. The discovery of the Bordcaux mixture and its plant-disease preventing qualities promises to be of great value to those engaged in the cultivation of the soil, enabling them to conadapted to their trol in a large measure a class of troubles which have in the past been the occasion of heavy loss and trying annoyances.—Rhode Island Bulletin.

> Insect Injuries to Indian Corn. Bulletin No. 44 of the Illinois Agricultural Experiment Station is a complete practical account of all known insect injuries of any importance to the seed and roots of Indian corn. The kinds of injury are so classified and analyzed as to enable one to determine the cause of the injury from the appearance of the field or the injured plant, and from the insects found in or upon it. The wireworm, the root nee, the white grubs, and the corn root worms are treated with especial fullness. The discussion of each form of injury and of each insect treated includes a full account of preventive and remedial measures, the whole making a pamphlet of eighty-seven pages, profusely illustrated with cuts of the injurious insects in the various stages

This bulletin is issued by the consult-

terested in farming who will send his i riler, she received his that the his Exp. riment Storion, Urt ma III.

AZ, L. Phi bury, Pary.

Mistakes in Marketing .- It is a mis- | ten into distavor in Libert in and the protake to market your fruits in flour or | account of the come and provide a conmost-begs, when you can get clean the late blight which hitter o has me ones. It is a mistake that you don't sencens has run riot in the points is lets, use the clan ones for oats or wheat | while the owners of the held's could | . 1 and put your fruit in good clean | do nothing but would by and see thur | for in it is beskete er burrels. It is a mistake to potato vines whiter and blacken red | der and bla busket-they shrink in getting them | that potato grever; can now save their eut. It is a mistake to put all the late crop from destruction by this dissmall samples in the bottom of the | care; but in order to do this they must basket, most people take them out be introduce into their methods of culture fore they use them, besides the large when accessary a feature fleet is comones on top have a crushing effect, if paratively new to the testness a kind not upon them, upon your honesty as a | of work the details of which are perfruit grower. It is a mistake to send | feetly simple, but they are unlike any soft fruit to a distant market. It is a cocrations that have formerly been mistake to send fruit to a commission | practiced upon the farm, in I conseman whose honesty you know nothing | quently they must be learned mornly about. It is a mistake to expect prompt by experience and observation of those

Result of Draining.

A number of years since two acres of Miscellaneous Mistakes.-It is a clay land which had a hard-pan clay mistake to think that nurrerymen subsoil was taken from one end of a never make mistakes, or that they meadow and fenced in with the adjoinere not willing to rectify them when ing corn field. Two years' cultivation they can. It is a mistake to think they | endeavoring to raise corn proved a fallare responsible for the death of all the ure in getting even fair crop yields. About sixty rods of tile drain was nut My, or for all the tricks of tree agents. down at an average depth of two and a It is a mistake to think they don't want | half feet. The ground was well plowed and cultivated, then wheat drilled in A crop of wheat of good quality, fortyeight bushels, was secured off those what their orders call for and send it | two acres, and only about twenty twoheree-wagon loads of stable manure was applied to the ground. The two previous crops of corn were very light, hardly paying for the labor of cultivation. Since for about ten years those two acres have produced each year, even last year, good crops.-Ex.

> Use Good Seed .- Many farmers make the mistake of arguing this way: have some good grain that will bring a good price on the market; I will sell that grew down on low ground. I will keep that for seed." It is a great mistake. It is a very true principle in both animal and vegetable growth that 'Like begets like,' and if we sow poor seed we may expect a poor crop. Again, in selecting our seed we should strive to select it from a field that has been uniform in both quality and quantity. When we have this seed let us clean it thoroughly. I used to think, when I was a boy, and my stepfather kept us cleaning grain after it had been cleaned two or three times over, that he did this to keep us out of mischief, but I have concluded that he was right about this thorough cleaning.-Geo. McKerrow.

Experimental Roads.-There is every reason to believe that there is in the rural communities generally a total lack of appreciation of the benefits of good roads, which can be used at all seasons of the year. The truth is the people have had no experience of really good roads, and no opportunity of judging of the superiority over bad ones. There is much room for popular education on this subject, and one of the best means of education would be the construction in every community of a piece of first-class road. Such an object lesson would be invaluable, and it is easy to believe that large advantages might flow from a liberal expenditure by the state. Then, too, there is a natural and easily understood fear on the part of the farmers that the provision of good roads means an increase of taxes.—Ex.

WIVES OF MAJOR MCKINLEY AND GARRET A. HOBART.

Fitted for First Ladies-Mrs. Mckinley's -Magnificent Mind, Lovable, Tender Nature and Long Suffering Invalidism-She Knows Politics, Too.



HE eyes of the country today are upon two women, and two very lovable, winning women they are-the wives of Major Mc-Kinley and Garret A. Hobart.

Mrs. Mc Kinley, whose health has long been broken,

is stronger to-day than she been for many years, but doctors despair of a complete recovery, and if the republicans electheir ticket much of the social burden in Washington must fall upon Mrs. Hobart, as the first woman in the land will be unequal to the strain of any but the quietest sort of entertaining. Both are remarkable wemen. Washington already knows and has been won by Mrs. Mckinley. If Mr. Hobart is elected Washington will be wen by Mrs. Hobart, and will be at her feet, for her character is an admirable one, and her unpretentious dignity, her affable manner and her keen intellect fit her for the highest place in the society of the nation. Mrs. McKinley, in spite of her ill health, is the keepest of politician: her husband not excepted. He is her Then a smile lightens it, and the eyes, faculcate? "Ils vane to a spire. ing entomologist of the station, Prof. S. | Canten, and in that ger int Dutch com- with merriment, A. Forbes, who is also State Entomolo- currelal town shows a net d b 1 c. Her celf-perse sing and cold are adgist of Illinols, and the article is made father was the late James Saxton, a imirable, who is also report that could Why shouldn't a boy throw dust in up largely from the eighteenth report of publisher of note. Her invalidism pre- to a degree. What the cays his teacher's eyes? Because it may octhe State Entomologist, with the omis- vented her netive parairipation in wittily and easily. The words come casion barm to the pupil. sion, however, of all matter of a tech- Weshington seeiety events during his spen the well-lifted starchouse of the nical character or of trivial economic | Fundaments fourteen years in the Hours and the is critically a woman of This bulletin, as well as all others | gave nor, the passes over the and Essued by the station, will be contifred humband's fourteen year in the figure of charge to any person in Hillads In- | Ch those occasions, hile Mine, Renaname and postofice to the Agriculture? Cliffing on a discrete in his carticle librae in the Complete in the Co. A haddened I in their restrict above to V. is it yours The planting of life point on berefalls that here a tother have them they

try to put a quart of berries into a their prospects e, securing a good po- arch, a fixed are in the control party of party and a fixed are in the control party of party and a fixed are in the control party of party and a fixed are in the control party of the c rist and a bull basket, or a half bushel | tato crop grow small by degrees and | ure, and his allege and | ure, and his al of peaches or pears into a twelve quart | beautifully less. Properferce has shown | weariness, Nis. Mchanley's head ears! And, but for a

coverings devised, and they give such ! pleasure that I know of one wee girl by the name of Polly who tumbled down they're makin' such a fuss about hossstairs while admiring the coquettish less wagons in the east. We've had bows on her tiny toes. In the early em out west as long as I kin rememspring you would find Mrs. McKinley's Ler." pretty parlor perfuned with those splendid white lilies that Bermuda cun with?" sends to help us celebrate our Easter. ! They stand in tall jars, fresh, stately Francisco Argus. and breathing their silent lesson of beauty and love, for in this instance they come as a greeting from friends on that gem of a coral reef. There is that element in the Major's devotion to his wife that is easier felt than described, but is the element that silences the scoffers at marriage, that makes one think better of one's kind, and at the same time carries with it a tinge of romance that delights all young couples. Perhaps because the Major pays a thousand little courtesies and attentions to his wife, not with the air of a man doing his duty, but what is his delight; that he sees in his wife still the and was conferred upon the island belovely girlish bride, the mother of the cause rabbits abounded there-is the two fair children who came only to be definition that seems always to have taken away, the companion of his early been popularly accepted.-Julian Ralph struggles and successes, is evident; that in Scribner's. he finds now in his proud maturity, in her gentle sympathy, her intense appreciation of his work, her frank delight at saw, never possessed and yet gave two the honors paid him, her ever ready to each of his children? Parents. response to his beautiful devotion, all the spur and stimulus he needs, there

id no coubt." Mrs. Garret A. Hobart, wife of the Republican nominee for the Vice Presihas the carriage of a sprightly woman never see two of them together. of thirty, and the figure, too. Her color is a girl's. It comes and goes as she talks. Her face, a firm, well-chiselled one, is most expressive. Her feelings here. Mrs. McKinley was born in I which are very bright, seem to dance

of Representatives. As were of Object culture, at once discribed and tember flate internally. Price, 75c. Hera to a lovely home, and the grace is 15. Patterson New Joanna Indeed 14 In love with her, but it is no weed to tion. Her father were a published and a Republicant, that the control of her Cote for Con-a notion -J. B. Palmer, thus to charly good drop because They A continue to the continue to the transport of the children was founded in Lon-

In the West. Drawback Dick-"I don't see why

Mr. Effecte-"Really! What do they

Drawback Pick-"Mules." - San

A Child Enjoys

The pleasant flavor, gentle action, and southing effect of Syrup of Figs, when in need of a laxative, and if the father or mother be costive or billous, the most gratifying results follow its use; so that it is the best family remedy known and every family should have a bottle.

How Coney Island Got Its Name There have been many ingenious deflnitions of the word "coney," but the simplest one-that it means "rabbit."

What is that which Adam never

What are the most unsociable things dency, is magnetic. At forty-five she in the world? Mile stones, for you

Coe's Cough Baisam

What moral lesson does a weatherand the most arder of protectionists, sweep over it. It may be very said, cook on a church steeple continually

> If the Baby is Cutting Teeth, Pe sure and use that old and well-tried remedy. Mgs. Wisslow's South ... Firth for Children Teething.

Hall's Catarrh Cure

What werd may be pronounced quicker by adding a syllable to it?

Quick.-Fact and Fancy. I never use to quick a cure as Piso's

Part 1171, Seattle, Wash , Nov. 25, 1895. ... In 1815 the first asylum for deaf and

> Drink HIRES Rootbeer when you're hot; when you're thisty; when callers come. 2.1 any and all times Crink HIRES Rootbeer. to male be The ... fee E. Hiere Co., Philad-lphia. is package to . . . gallens. Buid every where.

FITS stopped free and permanently cured. No Bis after first days age of Dr. Kline's theat Nervo Restorer. Free strat bottle and treated Marvelous cures. Dr. Kline, 231 Archat. Phi a. e.phia, Pa.

than anything elec. It is always reliable. Try it.

Johnnie's Complaint. Friend of the family-Johnnie, I suppose you are delighted with the new

little brother at your house? Johnnie-New nuthin'. He's secondhand. The doctor brought him, and there's no tellin' how many families

has had him before.

How to Grow 40c Wheat. Salzer's Fall Seed Catalogue tells you. It's worth thousands to the wideawake farmer. Send 4-cent stamp for catalogue and free samples of grains and grasses for fall sowing. John A. Salzer Seed Co., LaCrosse, Wis.

If a few slices of bacon are placed in the pan with a piece of lamb that is to be roasted they will greatly improve the flavor of the gravy.

********** The Woman, The Man, And The Pill.

She was a good woman. He loved her. She was his wife. The pie was good; his wife made it; he ate it. But the pie disagreed with him, and he disagreed with his wife. Now he takes a pill after pie and is happy. So is his wife. The pill he takes is Ayer's. Moral: Avoid dyspepsia

by using Ayer's

Cathartic Pills.

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sentitive plant.

small, admirably propertioned and so battle, correct that a Civtic knot, a Greek fillet or a shining traid as corenct could be wern triumphantly, though nothing could better display its shaperiness than the close cut, crisp locks of brown, soft and pure in color, that grow from the low, white brow over the dainty carting to end on the nape of the neek in a thousand bewitching little rings; nor could there be a more harmonious that. I have some poor shriveled grain frame for a face, casier pictured in water colors than words. There is that soft transparency of coloring which with the stamp of much suffering, imparts an almost intensity of refinement to the features. The straight and delicate noce, with its fine nostrils, rises well beyond the deep blue eyes, overarched by brows dark and distinctly drawn and underscored by those dark shedows-'calamai,' the Italians call them-that enhance their size and impart a touch of languor. The mouth is small, and, like the chin, wholly feminine and charming."

That is a woman's pen portrait of a woman, Mrs. Porter saw Mrs. McKinley in her home.

"She was half reclining on a low sofa, some big pillows piled behind her, which defined her girlish figure, clothed in a way to delight an artist; that is, it left one conscious only of color and

"The gown was a rich blue, a shade deeper than the blue of the old masters, but with that same peculiar warmth and power of illumination. It brought out with marvelous effect the tint of the stronger, daintier or warmer little foot | the a-b-c's of it.

with tears, too, for she is all tender-"It is also a good medallien head- ness, and her husband's 'attle was her

ELLEN OSBORN.

The Riving of Lund.

There is abundant evilone that the shores around Eudien's Buy are rising, and this quite rapidly. Lines of driftwood are to be seen in many places that are far above the level of the highest point of tide-water. These units occur la come localities pearly fifty feet above the present water level, and from this point down to what is now the high-tide mark. There are also gravel terraces that are very well defined, and other indications that point unmistakably to a very great change in the topography of the country since its history was known to man. It is said that in 1610 the navigator Henry Hudson spent the winter on the east coast of the Bay, south of latitude 53 degrees. There is now no bay which would be available for this purpose.

Girdling the World.

When Shakespeare wrote about putting a girdle around the earth in forty minutes, the idea was as visionary as that of communicating with the stars in the firmament. Not long ago at the Electric Fair, a message was sent from one gallery to the other by way of Vancouver and Tokio, the message arriving in something less than fifty min-Of course, this does not run hair, upon which the sun shone brightly actually around the world, but it demthrough the lace curtains above, gave onstrates the possibilities of the elecwarmth to the diaphanous skin, sub- trical current, and shows us that when stance to the frail figure and formed a | the new Pacific cable is finished it will background for two little hands of ivory, require a good deal less than fifty minwhiteness, that were clasped with a utes to circumnavigate the globe with patience pathetic. Mrs. McKinley de- an electric message. The future of votes a great deal of her time to mak- electricity has wonderful promise, ing pretty things for the comfort and much greater than we are able to realamusement of children, and her little ize, especially so in view of the fact slippers are famous in many a hospital | that our most eminent electricians and asylum. Never were prettier, frankly amit that they only understand



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