

## HORTICULTURE



### MAKING GOOD CIDER VINEGAR

Process is Simple and Involves Very Little Work—Cleanliness is First Important Factor.

(By S. M. MILLER.)

There are many apple orchards, especially those that have never been sprayed or cultivated, in which large quantities of apples are allowed to go to waste every year.

Such fruit makes a good grade of cider vinegar, and a handsome profit can be made in utilizing it in this way.

Even if one sprays and cultivates the orchard regularly each season and does everything possible to prevent having anything but marketable fruit there will always be a good many culls.

However, do not allow these unmarketable apples to go to waste. Make cider vinegar from them and get a good price for the product right here at home.

Making cider vinegar is very simple. There is practically no labor attached to it other than extracting the juice from the apples.

Perfect cleanliness first, last and all the time is a matter of vital importance. Apples that are picked up from the ground are usually dirty and should be thoroughly washed before being placed in the cider mill.

The mill and all utensils used in the making must be kept well cleaned if a good product is to be made. To use unclean fruit or unclean vessels simply invites bad fermentation.

If all sorts of germs which are found on dirty and decayed fruit are put in the cider a good quality of vinegar must not be expected.

Where one has no mill the fruit can be pulped by hand with wooden mauls in a wooden trough, and where only a sufficient quantity of vinegar is wanted for home use it is not a difficult matter to secure it in this way.

The best receptacles in which to put the cider are molasses kegs or barrels, preferably those which have held vinegar previously, since fermentation commences sooner when the fermenting organism is present than when it must find its way into the liquid from outside mediums.

To make a good grade of vinegar two factors are essential during the process of fermentation. First, the air must have free access to the liquid to support the organism. Second, the temperature must be favorable for the growth of the fermenting agent.

The barrels or kegs should be placed in a room where the temperature will be fairly constant at 70 to 75 degrees, placed on their sides in order to give more surface to the atmosphere, and filled with the juice to within six inches to eight inches of the bung-hole.

### HANDY LITTLE GRAPE PICKER

Device is Artificial Thumb Nail, Held on By Means of Plate and Makes Picking Simple.

The thumb device shown in the illustration is in reality an artificial thumb nail with which to pinch



Grape Picker.

bunches of grapes from the vine. It is secured to the thumb by means of a plate and strap, and makes picking simple and quick.

### KEEP THE LAWN BEAUTIFUL

Rake All Moss Out and Cut Dandelions and Plantain Well Below Crowns—Plant Borders.

Go over the lawn and if you find moss rake it out. Cut well below the crowns of dandelions and plantain. If possible top dress the lawn with leaf mold or thoroughly rotten straw or manure.

The continuous flowering border recommends itself to the busy housewife who wants a lot of flowers and who has but little time to give to them. Prepare a border two or two and one-half feet wide and spade it two feet deep, enriching it with well-rotted manure. Into this border plant all sorts of annuals, perennials and bulbs, placing the tall growing ones in the back row and the short ones along the edge of the border. As the years pass the border will grow in beauty and bloom ten months in the year—almost.

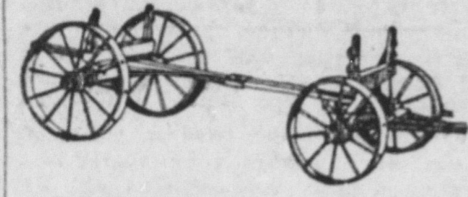
### USEFUL LOW-WHEEL WAGON

Has Been Found Practically Indispensable for Various Jobs Around Farm Every Day in Year.

Every farmer knows that there are numberless small jobs about the place that require the use of a wagon where the bed will be close to the ground so as to make the lift as short as possible.

That need has been met with the low-wheel wagon and has made it practically indispensable for gathering apples, and hauling basket fruit, fodder, manure, hay and grain, clearing the fields of stones and stumps and carrying tools and timber for fixing up fences, or any odd job, say, like hauling away a fallen tree.

Then there is nothing that fills the bill better for all kinds of work in the corn fields. There is no earthly reason why a man should lift the corn as high as his shoulder when the low wagon will permit him to perform the



Low Broad-Tired Wagon.

labor in the same amount of time, to say nothing of the wear and tear on a man's back and body.

Almost every year a farmer buys some implement that he can use only during one season of the year—perhaps only a few days; but the low wheel wagon is something that he can use every day in the year.

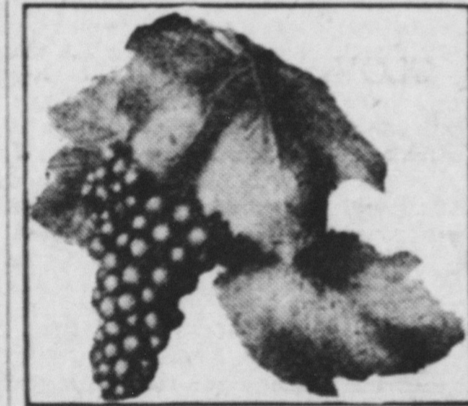
The broad tires make the draft lighter, and that means saving the team. Of course for certain kinds of road use there will always be a demand for the narrow tire wheels, but on a smooth surface and particularly where the ground is soft the pull on the team is decreased 25 per cent to 50 per cent for the simple reason that the broad tires do not sink into the ground; the wider bearing surface of the tire distributes the load in such a manner as to buoy the wagon up and keep it on top of the ground.

Especially on plowed ground or very muddy roads these wheels do not mire like the ordinary wheels, which of course makes the saving on the horses even greater.

### FRUIT TURNED INTO METAL

Scientist Has Secret Process By Which Flowers and Fruit Are Converted Into Solid Mass.

By means of a secret process, Prof. L. G. Delamothe, a European scientist, is said to convert flowers, fruit and



Grapes Turned Into Metal.

even animal tissue into metal, says Popular Mechanics. He does not deposit a thin layer of metal upon the surface, as in electroplating, but is said actually to transmute the life-grown material into dead metal.

The bunch of grapes shown in the illustration was so converted, the grapes and leaves having all their natural tints in the metal. The treatment is accomplished by an electrical agency.

## HORTICULTURAL NOTES

It is good practice to graft plums on peach stock.

A spraying of the currant and other small fruit bushes will help.

Fruit should never be offered for sale that is exposed to flies.

An orchard neglected for one year virtually puts it back three years.

If the rabbits have gnawed only the outer bark, wrap the wound with cloth.

If your orchard produces poor fruit you may be sure there is a reason and you ought to find it.

Grape vines make a beautiful arbor, and if properly taken care of will pay their way every year in fruit.

Do not be stingy of water for the plants. Soak them plenty once or twice a week, and don't dribble once a day.

It is a great mistake to pick out the poorest soil on the place on which to plant the orchard. The best is none too good.

If a man sells fruit of which he is ashamed then he should throw away his stencil and conceal all evidence of his ownership.

The flowers will require close attention now to keep them tidy. Pick off all the seed pods and dead leaves and keep after the weeds.

Lemon and orange growers have learned that it is best to wash and wipe them before packing to prevent the spread of rot fungi.

The reason fruit trees planted in fence corners and out of the way places do not thrive generally may be found in the fact that they are not cultivated.

### TIGER OUTFIELDERS HAVE STRONG ARMS



Manager Hughey Jennings of Detroit.

Seven ball clubs in the American league respect Detroit's outfield. Cobb, Crawford and Jones compose a combination that has no equal in the league, viewed from any standpoint.

One of the greatest requisites for outfielders is throwing, next to hitting. When a young outfielder is "spotted" the scout, after devouring the batting average, will ascertain if the player can throw. An outfielder, to be ranged with the good ones, must be able to have an arm which can throw accurately and with dispatch.

That Detroit's outfielders are respected when it comes to throwing was emphasized most forcibly in a recent game with Cleveland.

With one out in the fifth, Harkness walked, Graney, next up, hit a long single to right center. Cobb fielded the ball, but when Harkness reached second he hesitated before going to third, then returned to the bag. Manager Jennings would have censured

### JOHNNY EVERS AS MANAGER

Herrmann Declares Next Head of Cincinnati Team Will Be Player—Trojan Mentioned.

"Yes, the next manager of the Reds will be a playing manager," said President Herrmann the other day. Garry is back at his office after a two weeks'



Second Baseman Evers.

absence, during which time he was forced to read the reports of numerous Red reverses.

"We will move heaven and earth to bring to Cincinnati the man best qualified for the position," continued Garry. "We have several in view and will attempt to get one of them either by trade or purchase."

It was rumored in Cincinnati the other day that Second Baseman Johnny Evers of the Chicago club will probably be the next Red manager. Evers, it is said, should be in condition to play his usual good game next season, and his presence in the infield would go a great way toward bracing up the club.

The Chicago club, it is not believed, will stand in Evers' way, if he has a chance to take over the Red management.

"George Stallings, manager of the Buffalo club of the Eastern league, is not under consideration," said President Herrmann.

any player on his team for not trying for third on such a long hit. But Harkness feared Cobb's deadly arm.

The next man up, Stovall, lifted a high fly to Crawford. Sam played in deep right for it, but Harkness still remained glued to second. This time he feared Sam's arm.

Jackson followed with a single to left field, which sent Harkness to third just when Davey Jones was fielding the ball in deep left, but the Cleveland pitcher hesitated again. Jones has nailed a couple of runners this season who tried to make home. Confronted with this thought and the coach's signal Harkness remained on third. Two clean drives and yet Harkness was coached not to score.

The point to be emphasized is that Cleveland players have been drilled not to take liberties with Detroit's outfielders, for every one of the trio can throw. Harkness received his instructions from the coaching lines and therefore is excused.



Cleveland's alleged "misfits" make the "experts" look foolish.

King Cole does not seem able to come back at all this season.

The American association is having a real race of it at present.

The pendulum is on the return trip. Player-managers are now in demand.

Baltimore has sold Catcher Egan to the Philadelphia Athletics for fall delivery.

It is rumored that the officials have gone back to the old baseball in use last season.

No team in the American league has suffered more from injuries this year than the White Sox.

Hargrove, the young catcher reported bought by the Pirates, is only 18 years old. He is hitting 300.

Marty O'Toole, who made the association strike-out record, also held the same honors in the Western league for 1910.

Pat Dougherty really enjoys the role of emergency hitter much better than he does a regular berth in the outfield.

Ira Thomas, Athletic catcher, says that Clark Griffith is one of the best managers in either league. Ira worked under him in New York.

The Cleveland club has announced the purchase of Catcher Stephen O'Neil from the Worcester, Mass., club of the New England league.

Now that the Cardinals are a winning team, all the past, present and future, near and distant relatives of Stanley Robison want their share.

Black, the seventh candidate that Bobby Wallace has tried out at first this season, has been succeeded by Dode Criss, the pinch hitting pitcher. There might be a lot of bidding for the services of Magee if the Philadelphia club would only indicate in some way that an offer would be considered.

Ludrus might be a lot of help to the Cubs right now if they had him, but President Murphy is certain that Sailer is better than the Phillie youngster.

John I. Taylor would have traded Joe Wood and Bill Carrigan last year for almost anything or anybody. He wouldn't take a big pile of kale for the pair right now.

Ed Reubach has taken a little wail lad under his philanthropic wing. He bought him a hair cut and something to eat, then landed him a job as popcorn butcher at the Boston park.

### SOME UTILITY BALL TOSSERS

Manager Fred Tenney of the Boston Nationals, Tells of Some Remarkable All-Round Players.

"Just as a chain is only as strong as its weakest link, so a ball club is only as strong as its substitutes," says Fred Tenney, manager of the Boston Nationals. "Therefore, it will be just as necessary to use a careful discrimination in the choice of substitutes as in the selection of the regular men. A few years ago, when baseball was in its infancy, the players could nearly all play the different positions. Today there are comparatively few who can do this.

"This is the age of specialization, and nowhere is it more aptly illustrated than on the ball field. Men train themselves for perfection in one position, disregarding all others. Occasionally a man appears who seems able to accommodate himself to any change of position.

"Such a man was Shoch, of the old Brooklyn club. Jimmy Stafford was another player almost a replica of Shoch. When in New York he was played in about every position in the field.

Lowe, of Boston, was one of those baseball phenomena who could play any position on the team in first-class style. Starting as a catcher, then going to the outfield, he made a great record in the minor leagues. Coming to Boston in 1899 as utility man, he was soon played regularly on account of his heavy batting. He was shifted to second base when Quinn was sold. Here he became one of the greatest in the business. His last year in Boston found him a guardian of third base. Again he ranked with the foremost. While Lowe was at home anywhere, he could not be used as a utility man, as he was far too strong a regular. During the last few years of playing he was used in the utility role with marked success. His work in that capacity helped Detroit to win many a game.

"Strang was one of the bright lights of the utility men. He reverted to the Shoch-Stafford type, never good as a regular, but excellent as an occasional player.

Wagner, like Lowe, can play anywhere with marked success. Indeed he has filled nearly all positions for his club, but his is another case of being too valuable as a regular to permit of using him as utility man. Undoubtedly he would shine as such, and when he begins to slow down will probably be used in that capacity.

Chicago for many years kept Hoffman as utility man, even after he had demonstrated how strong a player he really was.

New York now has a young fellow who will bear lots of watching lest he wrest the laurels from other utility players. I refer to Fletcher, who, in the short time he has been in the league, has made very rapid strides toward the top.

Of all these men I would select Lowe as the first substitute, with Hoffman as a close second choice.

"As an all-star, all-time National league club I should pick the following line-up: Hamilton, center field; Keeler, right field; McCarthy, left field; Wagner, shortstop; Chance, first base; Collins, third base; Evers, second base; Bennett, Kling, Bresnahan, catchers; Mathewson, Brown, Nichols, Phillip, McGinnity, pitchers; Lowe, Hoffman, subs.

### MILLERS GET ALTIZER BACK

"Dare Devil," Given Thorough Trial by Cincinnati Team, is Returned to Minneapolis.

Dave Altizer managed to stick it out with the Reds for just half of the season, and now returns to the Minneapolis American association club. The "Dare Devil" was given a thorough chance, but fell down, and with



Dave ("Dare Devil") Altizer.

Recruit Esmond promising so well Griff listened to the plea of Joe Cantillon and shipped the former White Sox back to his 1910 home.

### Sunday Baseball Uplift.

Sunday baseball by professional teams is distinctly a helpful moral force, according to Chief of Police Cowles of New Haven, Conn. In reply to a demand from church organizations that he suppress the Sunday games at Lighthouse Point in the suburbs, Chief Cowles says:

"Sunday baseball by professionals will continue at Lighthouse Point so long as the game is conducted in an orderly manner, because it draws young men from the streets and lessens the number of arrests for drunkenness and disorder. Many young men are attracted to the shore by the Sunday games who would otherwise loiter on street corners, and from my own personal observation I know it lowers the number of cases in the courts Monday."

### NOTHING BUT AN AMATEUR

Fair Damsel's Questions That Revealed Callow Lover in His True Light.

"Do you really and truly think I am beautiful?" she asked. "You are simply divine," he replied.

"But there are other girls whom you think more beautiful than I." "No, I don't think there is a more beautiful girl in the world than you." "There are other girls you think are just as beautiful, though." "You are more beautiful than any other girl I ever saw."

"I suppose there are plenty of girls whom you consider almost as beautiful as I am."

"I think you are far more beautiful than any other girl that ever breathed."

"Well, why didn't you say that in the first place?"

"That was what I meant, if I didn't exactly say so."

"O, well, go on. My goodness! Must I suggest everything nice that you say to me?"

"What more can I say?"

"Heavens! I'm not going to sit here giving you lessons. I thought the way you started out that you had made love before."

**For COLDS and GRIP** Hicks' Catarrh is the best remedy—relieves the aching and feverishness—cures the Cold and restores normal conditions. It's liquid—effects immediately. 10c., 25c., and 50c. All drug stores.

**The Honest Man.** Diogenes was searching for an honest man.

"He will advertise that his summer resort has mosquitoes," explained the sage.

**Important to Mothers** Examine carefully every bottle of **CASTORIA**, a safe and sure remedy for infants and children, and see that it bears the Signature of *Chas. H. Fletcher* in Use For Over 30 Years. Children Cry for Fletcher's Castoria.

**Unexpected.** Suddenly the umpire called time. "Aw, what's the matter?" demanded the catcher.

"Somebody in the grand stand applauded me," he said, wiping the blinding tears from his eyes, "and I wasn't prepared for that. . . . Play ball!"

**Went Up Twenty Points.** During the recent hot spell a broker was complaining to a friend of the dull trading. "Business," he said, "What can one do in the way of business with the mercury standing at 100?"

"Do!" replied his friend. "Great Scott, man; it's the chance of a lifetime to sell mercury."—Boston Evening Transcript.

**Distressing.** "Here is the account of a poor woman who lost both arms in a railroad wreck."

"It must be dreadful to go through life without any arms."

"Yes, indeed. And much worse for a woman than for a man."

"How is that?"

"Well, a woman without any arms can't reach around to feel if the back of her collar and the back of her belt are all right."

### Dying by Organs.

It has been discovered that if a human being dies after an ordinary illness and not a violent death he does not die all over and all at once. He may have a diseased liver, heart or lung, and this may be the cause of his death; but it has been found that if the diseased organ could have been replaced by a healthy one life might have been maintained indefinitely. This is no imagination or speculation. It has been confirmed by the most careful experiments by the ablest medical scientists in the country—Leslie's Weekly.

### STRONGER THAN MEAT

A Judge's Opinion of Grape-Nuts.

A gentleman who has acquired a judicial turn of mind from experience on the bench out in the Sunflower State writes a carefully considered opinion as to the value of Grape-Nuts as food. He says:

"For the past 5 years Grape-Nuts has been a prominent feature in our bill of fare.

"The crisp food with the delicious, nutty flavor has become an indispensable necessity in my family's everyday life.

"It has proved to be most healthful and beneficial, and has enabled us to practically abolish pastry and pies from our table, for the children prefer Grape-Nuts, and do not crave rich and unwholesome food.

"Grape-Nuts keeps us all in perfect physical condition—as a preventive of disease it is beyond value. I have been particularly impressed by the beneficial effects of Grape-Nuts when used by ladies who are troubled with face blemishes, skin eruptions, etc. It clears up the complexion wonderfully.

"As to its nutritive qualities, my experience is that one small dish of Grape-Nuts is superior to a pound of meat for breakfast, which is an important consideration for anyone. It satisfies the appetite and strengthens the power of resisting fatigue, while its use involves none of the disagreeable consequences that sometimes follow a meat breakfast." Name given by Postum Co., Battle Creek, Mich.

Read the little book, "The Road to Wellville," in pkgs. "There's a reason."

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.