Success Depends Upon the Use of Good Cider Made from Ripe Apples.

Success in making good cider vine-gar depends upon reeing that the start-ing point is on a solid foundation, i. e., that the juice of the apple has a prop-er supply of sugar, the base of good vinegar. For some years I have lent my elder press to neighbors to make what they call cider, usually sending a keg along, hoping to get enough cider to keep up a supply for the vinegar barrel. When the keg came back, in some cases I found it filled with juice of green, half rotten apples, with a specific gravity little if any above water indications as any above water, indicating an almost entire absence of sugar. Such stuff will never make even a weak vinegar, but rapidly pass to the eremacuasis fermentation, a complete destruction of the sugar with no trace of acetic acid, the base of vinegar; and this de-struction will soon take place with little or no formation of alcohol resulting from the vinuous fermentation of the sugar, which does not exist in green, unripe and partly rotten apples, as are often used.

There is no trouble in securing good cider vinegar, if the apples have sufficiently ripened and remained sound and the starch has passed to grape sugar by the chemical action of the acid (malic) of the fruit, which will pass from the press dissolved in the Such a juice one of my neighbors always returns me with the press and it gives me, besides the vinegar, a nice drink of apple juice or cider, most healthy drink before the alcohold comes. Usually the pure juice indicates a specific gravity (from the sugar) of about 1,030, or five degrees of the ordinary Baume hydrometer, and when this is the case, good cider vinegar will follow in due time. On several occasions, the cider alluded to having a nice flavor of the apple with a specific gravity of 1,040, or six to seven Baume, I have added a pound of sugar to the gallon of cider, and the following summer had a pleasant wine for the pudding sauce, and frequently my visiting friends have asked to what was the pleasant taste due. The addition of the sugar generates enough alcohol to prevent the acetous fermentation; hence instead of vinegar you have apple wine, which is very nice substitute for something far more expensive, and often a mere mixture of alcohol and some artificial flavor, imported as French and Spanish sherry.

In conclusion I will say to the read-To be sure of having good vine gar, be certain you have a juice with enough sugar in it to form enough alcohol to be converted into acetic acid, and if there is enough of the latter, which is an antiseptic, the eremacausis or rotting process will not take place, and your vinegar will keep for years. The formation of alcohol will go on in a full barrel, but to secure the oxidation of the alcohol the barrel should not be more than three-quarters full, and kept in a moderately warm place, so the alcoholic vapor tills the barrel, and this vapor will first pass to aldehyde and then quickly to acetic acid, the base of good vinegar. This chemical change explains the cause of the sour ensilage I have never failed to find on top of the sile, which starts from the conversion of the carbohydrates of the corn first into alcohol, then acetic acid, neither of which is a carbohydrate. Country Gentleman. a carbohydrate.-A. P. Sharp in

Abandoned Land in the South. There are in Virginia, the Carolinas, And some other Southern States, large areas of abandoned or partially-abandoned farming lands. In these dis-tricts the plantations have been given over to scrub oak, old-field pine and brambles, because the former system of agriculture did not pay, or because a long-continued robbery of the resulted in such impoverishment that cultivation at last would not produce a livelihood for labor expended. Land that has been impoverished by tobacco one of the mist exhaustive of cropsor by cotton, as has been done in the South, may be restored by a change of agriculture, and this restoration is even now going on. Fruits and vegetables will be largely cultivated in the Southern States on account of the good markets for such products in the large Eastern cities. It will also be found profitable to raise cattle, grain, wool, and dairy products. The result of this changed system of agriculture will make the South even more prosperous than it was in the palmiest days of plantation life.

When all the desirable agricultural

land of the West is occupied-which is but a question of a few years—then these lands in the Southern States will receive attention. Our population is increasing rapidly, and the time will come when these farms will have to be subdivided. The average size of farms in this country is four times that of the farms of France, and in Belgium, Holland, Germany and Eng-land they are still smaller. While today in many sections farms of seventy-five and 100 acres will barely pay for cultivation, the time will come when farms of one-third or one-fourth when farms of one-third of one-to-tach
that size must pay. It is useless to
argue that it cannot be done; such
farms are cultivated in a way to pay
even to-day, and must become even
more generally profitable in the future.
It would be well for the respective
State Departments of Agriculture to
establish experimental farms in these establish experimental farms in these neglected sections. Such experiment farms should be conducted in a manner to demonstrate to the unsuccess-ful farmers of the State how they can take their worn-out farms and renovate them; how they can carry on an industry that has hitherto appeared to be unprofitable in a way to show a satisfactory balance sheet.

Law Affecting Cows. An important decision in regard to selling cows under warranty was recently given in the Bolton county court in England. Two dairymen, having bought of a local farmer two cows. which failed to calve upon certain dates, as guaranteed, sued the vendor for the keep of the animals up to said dates. It was decided that, as the plaintiffs did not take advantage of the law which would have authorized them to return the animals as soon as they discovered the warranty to be breken, or to offer them for sale in case the vendor refused to take them back (according to the customary chat-tel warranty practice), they could not

EVERYDAY AFFAIR IN NEW YORK.

But the Sight of it Nearly Drove a Hayseed Into Jumping Convulsions.

It was the hour of the day when Broadway was crowded to its fullest capacity. The long line of pedestrians was fixing by the brilliant show windows as far as the eye could reach, some laughing gayly as they talked, others with an abstracted air, and yet others hurrying on in pursuit of some unknown object. Occasionally a mesure of the state unknown object. Occasionally a mes-senger boy could be seen, but aside from this all was life and activity.

Yet the student of human nature would have remarked that this activwould have remarked that this activity was regular, mechanical and but the automatic action of this great artery of the metropolis. Suddenly a man darted out from the crowded thoroughfare above Union Square and rushed into the middle of the street waving his hat and shouting wildly. With uninterrupted speed he pursued his way in the direction of Thirtythird street. A hasty giance showed that third street. A heaty games showed that be was evidently a stranger in all that vast throng, and the citizens eyed him strangely as he frantically sped along. his motions every moment becoming more uncontrollable.

"Is he mad?" some of the people asked as he went on in his flight. Cries of "Stop him?" "Stop him?" became frequent, until at last, at the intersection of Thirteenth street, breathless and exhausted, he turned around to find himself surrounded by a curious meh. One brever soul than the rest ventured to address the stranger.

"My good man," he said, "what means this? Have my street are the stranger.

means this? Have you gone crazy?"
Have I gone crazy?" echoed the
other. "No sir!" and he pointed rapidmeans ly up the street. "Don't you see that cable car running away? Didn't you see helpless human beings knocked down, coupes torn to splinters, drivers

burled from their seats, death and de-struction everywhere?"

A mocking laugh came from the assembled multitude, while the man he addressed gazed at him with a pitying smile. "We thought by the way you acted," he said, "that something un-usual had bappened."-Life.



Clerk-Here are some very pretty colors, but we cannot guarantee that they will wash.

Customer-It isn't necessary. I want them for a bathing suit.-Judge.

Politics in the Household. Mrs. Winterbottom-Cyrus, isn't Congress Democratic by a large majority?

Mr. Winterbottom-Yes. "And was it Democratic votes that put the tariff on sugar?" It was. What of it?"

"It'll make sugar higher, won't it?"
"Yes, a little." "Then Democracy is going to make

our living more expensive, is it?"
"See here, Mrs. Winterbottom! I'm going to buy a barrel of sugar for the than I paid for it and we'll be just so much better off on account of the tariff. Don't you see? You go back to the baby. What does a woman know about politics anyway?"-Chicago Tribune.

Unavailable in His Case.

"You're not looking well, Hiram," said his mother. "If there's anything the matter you'd better go to that young faith-doctor. She cured me of rheuman'sm after I'd tried eleven other doctors, and-"

"I've been to see her, mother," inter-posed Hiram, buskily. "That's what's the trouble. She says she can never be anything to me but a distant relative."-Chicago Tribune.

Bingo-No, thank you, dear; I don't believe I care for any mince ple. Mrs. Bingo-But, Henry, I have put in a lot of that brandy you brought home the other night.
Bingo (aghast)—What! Not that brandy that I paid \$8 a quart for?

Mrs. Bingo—Yes, dear.

Bingo—Great guns, give me the whole pie.-Truth.

Her Appearance Was Wrong.

Wife-You made a pretty appearance fast night! It's disgraceful. Husband-My dear, it was your ap-pearance that made all the trouble. If you had not come to the head of the stairs, you never would have known anything about my sleeping in the hall.-Boston Transcript.

The Ideal Spot. Cobwigger—Where are you going to build your new summer health resort? Dr. Kilsun—Down in that place where I was shooting last fall, where I mistook the mosquitoes for snipe and where the malaria kills spring poets and book agents.—Judge.

Misapprehension. She Did that burglar who was in the room last night get your watch? He-Burglar in the room! Why didn't you wake me? She-Why, I thought you knew. You snored so loudly.-Life.

A Proper Answer. Passenger (in express)—You are the most disobliging porter I ever encoun-The Porter-Yas, sah; I knows dat. Dis acn't no 'commodation train, sah.

She Was Right. He (impatiently)—You bet if I were

n wesnan I'd make up my mend mighty Sho-Then you wouldn't be a wo-

man. - Detroit Free Press.

NANCY HANKS BEATEN.

The World's Fastest Trotter is Alix. The Record Now 2:03 3-4.

Fifteen thosand people yelled themselves hearse at Galesburg, Ill., on Wednesday afternoon when the great trotting queen, Alix, beat the world's ston, a New Yorker, who is the Lexingrecord by coming under the wire in ton financial agent of J. Kennedy 2:034. The day was an ideal one for Todd, the New York broker. Desha such an event, and the track in good condition. It was 5 o'clock when Alix the campaign, but Livingston has passed in front of the grand stand for been a hard worker for Owens, and a little preliminary work. McDowell was her driver. The start was made in splended style. Alix coming as re-gularly and steady as clockwork, with ridge began to abuse him in the bittertwitching nerviously.

When she approached the wire for the start she seemed to be going a little slow, but she soon increased her speed. She was working like a machine, and yet so easily and gracefully that one would hardly imagine that she was going at such a tremen-dous clip. When the quarter was reached there was a general exclamation: "Thirty and a half, she will beat it." From that to the half she seemed to fly, making it in 1:014. The third quarter she increase her pace a trifle, making it in 1:323.

When she started up the homestretch she was moving down without apparent effort. Thus far there had not been a false step, not a wabble of any kind. She seemed to tairly fly to get away from the horse that came thundering just behind. As she neared the wire many that glanced at their watches said: "She will not make The last few rods she again seemed to increase her marvelous speed, and as she darted under the wire the shout went up from the thousands: "She's done it; she's done it."

The cheering was prolonged and it was some time before Williams could quiet the crowd so as to make himself heard. He then announced: "You have witnessed the fastest heat ever trotted by any trotter on the globe. The first quarter was made in 301, the half in 1:014, the third quarter in 1:324 and the mile in 2:034." The crowd again cheered and thousands rushed onto the track as McDowell came driving Alix back. Williams introduced Mr. Jones, the owner of Alix, and the cheering again arose. The performance of Alix is the talk of all horsemen.

Driver McDowell said: "It is a remarkable mile. She did not seem worried a bit by the effort, but came out as fresh as she went in. Her action was perfect. The whole distance I never spoke to her nor raised the whip. It was not necessary."

"When I reached the half mile pole I knew that she would break the record.'

"She was in the very pink of condition and so eager to go that she needed no urging. I therefore let her gallop her fixed gait from the half mile in. At the upper turn at the end of the third quarter I found the track a trifle spongy and I gave her second place; when I reached the kitchen before it goes up. Then when homestretch I gave her the pole it does go up it will be worth more again. I was confident she could again. I was confident she could beat the record, and I wanted her to a protest. They are keeping every beat the record, and I wanted her to for Williams' sake.'

The Judges gave the time out as 2:034, although one of the Judges caught it a shade less, and many in the audience had it 2:031. Jones was nearly smothered in congratulations. When he came here he predicted that this was the fastest track in the world, and that Alix would beat the record. He said: " I was confident Alix would beat the record, I knew what she could do. I want to say that I sold part interest in her several years ago to Monroe Salisbury. This is not generally known. She came in my possession when a year-

"I bought her at a combination sale at Chicago and shipped her to my had as much principle as sentiment farm at David City Neb. She is now six years old. Her first race was at plain, everyday rule, of making home Beatrice, Neb., in June, 1890, then a two year old, I having trained her that spring. Last year she made a record of 2:07\frac{3}{4}. The first trotting she was acknowledging to herself that in Council Bluffs, where she went a mile in 2:111. Since then she has gone on steadily reducing her record. I shall not start her again. I am satisfied for the present. What I may do I cannot say yet, but it belongs to some one else to beat her record."

THE VERY FASTEST MILE.

TERRE HAUTE, Ind., Sept. 15 .-World's records went glimmering over the Terre Haute track, which to-day holds all but two-the fastest three heats paced and the factest 2 year old pacing records.

There is hung up the fastest mile ever gone by a horse in harness. Robert J. 2:011; the miles of Nancy Hanks and Alix, each in 2;04; the world's record for 4 year old trotters, made by Fantasy in 2:06; the fastest six heat race ever gone by a 3-yearold. Expressive's great race three weeks ago; the fastest 2-year-old trotting race record. Oakland Baron's mile in 2:16; Whirligig's 3-year old pacing record of 2:10; the stallion pacing record of 2:03 by John R. Gentry and the stallion record of 2:04 by Joe Patchen; the marvelous mile by a 2-year-old pacer, done by CarBlood Spilled in Kentucky Over the Congressional Election.

LEXINGTON, Ky., Sept. 21, 1894. A bloody encounter occurred here this afternoon between Desha Breckinridge, son of Colonel W. C. P. Todd, the New York broker. Desha and Livingston were friends before when he offered to shake hands with Desha in the lobby of the Phœnix head down and her short, pointed ears est manner. He finally called Livingston a liar, when the New Yorker struck him on the side of the face with his open hand, knocking off his spectacles. Just as he hit him a second blow that fell on his neck, Desha drew a large dagger and plunged with it at Livingston's breast. Livingston threw up his right hand to ward off the blow from his breast, but the keen blade cut his third finger to the bone. He turned round to get away from the now thoroughly infuriated Breckinridge, and as he did so Desha kicked him several times. Friends rushed in at this juncture and took Desha away, while Livingston was taken to a doctor's office and had his wound dressed. He then went home. Desha went to his rooms, but was seen on the street about a halfhour later.

Matthew Lane, a young man from Mt. Sterling, Ky., who is a strong Breckinridge man, tried to help Desha in his fight and he is said to have also drawn a knife for the purpose of carving up any anti-Breckinridge man. A few minutes before the cutting occurred Lane and Desha met Judge George B. Kinkead on the street. Desha said to him : "The election is over now, and I want to tell you that you are a liar." Kinkead replied that he did not want any difficulty on the street, and that he was unarmed.

Breckinridge replied: "Then go arm yourself and I will meet you at any time or place you may designate.' Then Lane, who did not know Kinkead, began to abuse him and called him all sorts of bad names, saying

that his sister had entertained Colonel Breckinridge and that he would not allow Judge Kinkead or anybody else to reflect on her character for doing so. A BLOODY NIGHT LOOKED FOR.

It is generally believed by those who know the fighting stock of which Judge Kinkead comes that he will attempt to wipe out these insults by attacking both Breckinridge and Lane.

These two affairs have caused the greatest excitement, and the Owens men make no bones of denouncing both the attack on Kinkead and that on Livingston as being in bad taste, and there is so much strong talk being indulged in by both sides, that a tragedy is likely to happen at any moment. The district Committee meet to-morrow at Frankfort to count the vote, and declare the nominee, and it is believed that the Breckinridge people will file some sort of evidence before thing quiet, and no one on the outside knows what they are doing.

Home, Sweet Home.

Hardly a face in the audience in a crowded concert hall was unmoved, and many persons were weeping. A great singer had just finished a wonderfully touching and eloquent rendering of " Home, Sweet Home."

young girl to an older woman who sat next to her, wiping the tears from her eyes as she spoke.

"Yes," was the reply, "and the sentiment to which it moves all these people is beautiful. How much happier the world would be if every one on the subject and followed out a

did this year was in an exhibition at spite of her love for her home she made it unhappy every day of her life by her willfulness and quick temper. -Exchange.

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