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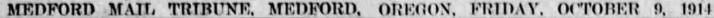
LONDON, Oct. 9, 10:40 a. m. - The Since the question has been frequently asked whether or not the aoofficial communication of the Gerple orchards should be sprayed with man staff, given out at Berlin in the Bordeaux mixture this fall, I think it advisable to make the answer public. a dispatch to Reuter's Telegram com-Two reasons are usually given for

pany from Amsterdam. It savs: the use of Bordeaux as a fall or winter spray on the apple orchards of section. First, for the control of the apple tree anthraenose, and, second, as a general sanitary meas-Argonnes. ure. The second of these reasons is of such questionable value that we need not consider it at this time, but the control of anthracnose is extremely important, since next to apple scab, it is probably the most seritown lying behind was begun after ous fungus disease of the apple with the declaration of the commander of which we have to deal. The spores the stronghold that he took the reof the fungus are distributed in the spon-ibility. fall and infection takes place shortly after the rains begin, hence a spray for its control must be applied early enough in the season to prevent spore germination. It is very imporship demolished. tant that every orchard be carefully examined at this time, and wherever anthraenose cankers are found to be present, the orchard should be spray-ed with Bordeaux mixture, 6-6-50 formula, as soon as possible after the owo.' crop is harvested. This applies not only to cankers of the current year's development, but also to those of two branches, and it is not uncommon to years' standing, since these are ready distribution.

For the benefit of those who may of the fruit. The spots begin as not be familiar with the symptoms of small purplish-red dots, which graduthe disease, the following brief de- ally enlarge as the disease progresses scription is given: Cankers begin to and become lighter colored at their develop soon after the fall rains set centers. The older spots turn brown in. They first appear as small eir- and often become confinent, thus cular reddish-brown spots on the sur- forming larver cankered areas. Badface of the bark. Beneath these the by infected fruits frequently erack to that which appears on the twigs. sonked in appearance. The discoloration soon extends to the cambial The leaves also may show considerregion, where it frequently becomes able spotting and later a shot-hole more widely distributed than would effect due to the action of the funbe suggested by the surface area. The gus.

In California it has been found that ots develop very slowly or not at all during the winter, but spread very the disease can be kept under control rapidly in the early spring, and by the by regular fall spraving with Bormiddle of May have reached their full deaux mixture. Experiments consize. The diseased area soon be- ducted near Ashland about six years comes dried, sunken and separate i ago also demonstrated that the disby a crack from the surrounding tis- case can be controlled in that vicin sues. This depressed condition of the fity by proper methods of spraying. canker usually becomes more promi- It is advised that a fall spray of nent later because of further drying Bordeaux, 6-6-50 formula, he applied of the defunct La Saile Street Trust from the fact that the new apple and shrinking and by the formation about the first of November. This of callus tissue at the edge under the will probably be sufficient to hold the dead bark. In midsummer numerous disease in check, except in very badsmall elevations may be seen in the ly infected orchards, where it may bark of the canker. They are at be necessary to spray again in the first somewhat conical in shape, but spring with self-boiled lime-sulphur, had not later rupture, exposing a cream-col-8-8-50 formula. ored mass of fungus tissue. These If I can be of service to any one are the fruiting structures of the in these or other matters connected This Lung Remedy fungus and produce spores in great with our mutual problems, I shall be abundance. The bark of the older pleased to render that service. M. P. HENDERSON, eankers frequently become loosened at the edges and drops out. It may, Jackson county pathologist. however, adhere for two or even three

were saved.



HOW TO MAKE

Syrup From Cider

from a baked apple.

NOT CONSIDER WORLD'S OPINION

GERMANY NEED

BERLIN, Oct. 8, via London, Oct. nounced that the Germans continue gun last spring, the head of the fruit evening of October 8, is contained in that they are already over the flooded area along the river Nethe. A writer in the Militair Wochen- applied for a public service patent ilizing ordinary cider has been found "From the western seene of war blatt, however, late last night warned covering the making of a new form practical for the reason that boiling

be mentioned. Small progress has timism regarding Antworp, as the been made near St. Mihtel and in the garrison of the fortress there is still the specialists believe will be of great able to continue a desperate resist-

"Before Antwerp, Fort Breendonk, ance. (to the south of Antwerp) has been taken and the attack on the inner fort line has begun therewith. The bombardment of the quarter of the

in which he reported the finding of dum-dum bullets at Longwy and pro-The new syrup, one gallon of which tested against the way in which the is made from seven gallons of ordiwar was being waged by Germany's nary cider, is a clear ruby or amber opponents. President Wil-on's reply colored syrup of about the consist-

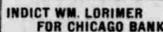
"The airship hanvar at Dusseldorf in effect was that it was unwise to ency of cane syrup and maple syrup. has been hit by a bomb thrown by a hostile aviator. The roof of the hall was pierced and the cover of an airion that an accounting would come "In the east the Russian column is nations will assemble to make a set- as other syrups. It has a distinct milk of lime until nearly, but not marching from Lomza (Russian Poltlement. The newspaper comment on fruity aroma and special flavor of its quite, all of the natural malie acids and) and has reached Lyck, in east Prassia, just beyond the frontier and almost directly west from August-

could not be expected. The Tages Zeitung, In this connection, says:

find a tree with only the topmost nunfearingly in the face. We, howcauses a very characteristic spotting ever, do not need to regard the pubic opinion of the world. In the last-

tent to decide the correctness of Germany's course,"

Crop reports for October show that potatoes, sugar beets, clover and alspite the earlier drouth.



ground that he had not been legally elected, was indicted in the federal product a thorough market test by | Street National bank, the forerunner apple growers in the product arises and Savings bank. Lorimer was pre- eider syrup promises to give them sident of both institutions.

Judge Carpenter asked the foreman of the grand jury whether investigation of the case had been concluded. The latter replied that it

a commercial outlet for vast quantities of windfall and other apples for which they hitherto could _find no market either in perishable raw cider FINE TABLE SYRUP or in vinegar.[®] Cider production, it seems, comes largely at one season, of the year during which the market is more or less flooded with this per-OUT OF APPLES ishable product. The bulk and perishability of the raw eider, moreover, the eider makers state, often make it unprofitable for them to ship the WASHINGTON, D. C., Oct. 9 .- raw elder of one district long dis-9, 2:45 a. m.-It is officially an. Following extensive experiments be. tances to a none-apple-growing region. The market for eider, thereto make progress at Antwerp and and vegetable utilization laboratory many cases to localities near the area of the department of agriculture has of production. No method of stor-

no facts of decisive importance can the people against an excessive op- of table syrup from apple juice. This elder at once interfores with its dellpatent will make the discovery, which cate flavor. With the elder mill able to make value to all apple growers as a means a palatable, long-keeping table syrup of utilizing their cuils and excess ap- out of its apple juice, growers, it is The newspapers are printing Pres. ples, common property of any cider believed, will be able to use all exident Wilson's reply of September 16 mill in the United States which wishes cess juice for bottled or canned apple to Emperor William's communication to manufacture and sell cider syrup, syrup. The new syrup, the speciallsts find, will keep indefinitely, so that the cider makers can market it gradually throughout the year.

Process of Manufacture The process for making the syrup calls for the addition to a cider mill express a final judgment on the dum- Property sterilized and put in sealed of a filter press and open kettles or dum protest and expressed the opin- tins or bottles, it will keep indefi- some other concentrating apparatus. nitely, and when opened, will keep The process is described as follows: with the war's conclusion, when the under household conditions as well The raw cider is treated with pure

this reply is most friendly and is to own which is described as being are neutralized. The elder is then the effect that any other answer practically the same as the taste of heated to beiling and filtered the syrupy substance which exudes through a filter preas, an essential feature of the process. The result-The syrup can be used like maple ant liquid is then evaporated either "We have a clear conscience from or other syrups for griddle cakes, cer- in continuous evaporators or open the viewpoint of justice and human- eals, household cookery, and as flay- kettles, just as ordinary cane or with their second crop of spores for braches healthy. The fungus also ity in this war and can look the world oring in desserts. The government sorghum syrup is treated. It then

cooking experts are at present exper- is cooled and allowed to stand for a imenting with it in cookery and ex- short time, which causes the lime and pect shortly to issue recipes for use acids to form small crystals of calinstance, the German people, united of the new syrup in old ways and for cium malate. The syrup is then rewith the emperor, are alone compe- taking advantage of its special flay- filtered through the filter press, which removes the crystals of calor in novel dishes. clum malate and leaves a syrup with

Try It in Hood River

practically the same basic composi-The department chemists have al- tion as ordinary cane syrup. Its bark tissues are discolored and water and exude a gummy substance similar falfa are middling to good. Antumn ready produced over ten gallons of flavor, however, and appearance are planting is making good progress, de- this syrup in their laboratories. us- distinctive,

ing summer and other forms of ap- Calcium malate, the by-product, is ples. The success of the experiments a substance used in medicine and at has greatly interested some of the ap- present selling for -2 per pound. It FOR CHICAGO BANK FRAUD ple growers, and during October a is believed that if calcium malate

large cider mill in the Hood River can be produced in this way cheaply CHICAGO, Oct. S .--- William Lori- valley. Oregon, will in co-operation and in large quantities, it can be mer, voted out of the United States with the government chemists, en- made commercially useful in new senate after an investigation on the deavor to produce 1000 gallons on a ways, possibly in the manufacture of commercial scale and give the new baking powder.

The cost of making this syrup on court today on a charge of misappli- making it accessible through retailers a commercial scale will be determined cation of the funds of the La Salle in a limited field. The interest of during the test in October.



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years, each fall maturing a crop of spores. These mature cankers may vary in size from one-half inch in diameter to eight or ten inches long and

two or three inches wide. Frequently larger cankered areas are formed sel has been blown up by a German hy several of these spots becoming confluent.

Fall Treatment for Apple and Pear was killed, but the rest of the erew Scab

Another question frequently asked is whether or not some spray may be applied this full for the prevention o scab next season. Such a thing i not practicable, for the reason that Severe Blood the fungus which causes the disease is well protected within the leaves and cannot be reached except by something that is penetrating enough to destroy the tissues of the leaves With Magic Effect, Great Remthemselves. All our spray mixtures are primarily for surface disinfec tion and would not serve the other purpose. The diseased leaves are the chief source of early spring infecttion and should be destroyed this fail or winter. This can be most readily accomplished by plowing them under but in cases of necessity they might be raked together and burned. The seab is the most serious fungus disease of the apple and pear in the northwest and we should nut forth every effort to check its further progress in this valley.

The California Peach Blight and Fruit Spot

The California peach blight has been observed to be very abundant this year in the Rogne River valley. This is one of the most serious of peach diseases and should be given careful attention by all peach grow. prach diseases and should be given careful attention by sil peach grow-ers in this county. It is character-ized by a dying of the buds on the fruiting wood and by a splitting of the bark on branches of the entrent year's growth. Exudation of masses of gelatinous san is very common and is one of the chief symptoms of the disease, particularly in wet weather. The buds may be killed tither before spring or after the leaves are out and the young fruit set. The effects of the trouble are panally first apparent in the under

GERMAN FISHING VESSEL DESTROYED BY MINE

COPENHAGEN, via London, Oct 9, 6:55 a. m.=A German fishing yesmine in the Langeland belt, north of the coast of Denmark. The captain

The Weather Tonight and Saturday-Rain west

Troubles Vanish

edy Makes Disease Disappear.

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college, advance work for last At almost any drug store you may ob-tain 8. 8. S., the famous blood purifier, and you then have the veritable wizard that makes all blood troubles vanish. Your stomach takes kindly to 8. 8. S. it rushes not cour blood is a nurfiving wave makes year's students, voice placing, breathing, articulation, interpretation and expression.

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> 10 a. m. Private students enrolled Saturday, October 10, 11 a.m. Auditorium, Baptist church building, corner North Central and Fifth street.

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LOST \$696,967,261.00-

Before the first guns had thundered forth their message of European strife, America had begun to pay the penalty of fear and uncertainty. In one short week the quotations of 105 leading American securities had shrunk \$696,967,261.00.

But it was not a shrinkage of Anterican making. It was a result of the desire of European scenrity holders to trade their securities for eash. Cash is a handy thing in war times.

War means ordinarily peaceful merchants shooting guns at normally peaceful farm hands; factory operatives busily engaged in sabering machinists; baker boys galloping madly about on horses which ought to be hauling bread.

Business and War have nothing in common. When war stalks abroad Business goes elsewhere, and Money is the boon companion of business.

When Europe sold back to us millions of dollars of securities it was in an effort to obtain money with which to later purchase from us some of the things Europe must have. Europe is an old customer of ours, but she is expecting to buy now more largely than ever before, and her \$300,000,000 income from globe-trotting Americans will probably be missing this coming year.

Meanwhile, Europe has been compelled to shut up her own shop. There are new faces looking at us across our counters and fingering our goods. Europe used to number them among her customers.

Let's straighten up the counters and dust off the shelves. It looks as if business was going to be brisk and we might as well be ready. And if it is necessary to hire extra help to look after trade, we'd better start looking around for it now.

Furniture Journal, Chicago

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