# CHARLACTURE CONTRACTOR CONTRACTOR

CONTRACTOR OF THE PROPERTY OF

GROWING MARKET POTATOES.

I Almost any kind of soil that will raise a crop of corn will produce good potatoes if properly prepared, writes Mr. John Tye. It is very essential that the ground be loose and fine before the seed potatoes are planted. If the land has been plowed in the fall disk or harrow, tillg it is loose and fine to a depth of three inches, then plow again. This will turn the loose soil down to the bottom of the furrow, Harrow down fine again. This will give a good seed bed of six or seven inches of fine loose earth.

should be about 31-2 ft apart each way, to allow of free cultivation. I mark with a corn marker one way, and then use a four-shovel sulky cultivator to open up the furrow the shovels and fastening the other two the desired distance apart.

The next thing of importance is to have good seed of some popular salable variety. Cut to one or two eyes Place your foot on each piece so as to press it down into the loose dirt as deep as possible. This will make covering easier and will also prevent drying out. Cover with a hoe, putting one hoeful of dirt on each piece of potato. The marks made by the sulky cultivator will remain so as to be easily seen across the field. Never plant scabby potatoes, if it can be avoided, but if you must plant them soak in corrosive sublimate solution, one park of sublimate to 1000 parts

water, for two hours before planting. After planting it will not be necessary to do anything more to the potato patch for two weeks. By that time pigeon grass and other weed seeds will have commenced to grow by the thousands, but the potatoes will not be above the ground. Now take the sulky cultivator and turn the inside shovels a little, so that when sible. This will kill all the weeds, and by the time they start up again the potatoes will be out of the ground. They can then be easily cultivated Some advise dragging the potato field after planting to kill weeds. I never do it, for if the soil is very loose the | without food. drag is sure to break off many move the seed piece out of its place The cultivating should be kept up as long as the vines will permit, and the soil should never be allowed to bake after a heavy rain, or ugly, deformed, bunchy potatoes will result. A good plan is to cultivate once week whether there are any weeds now and then pick pieces of flesh out in the patch or not, for if dry wea- of its own legs and eat them. ther prevails the loose fall is excessive, the ground cannot bake if the cultivator is kept going. The hiller should be used the last two or three ttimes. It will not disturb the

cultivation. much, spray with paris green. A gins to hurt. spraying pump for that purpose can be bought for 50c at most hardware stores, but if one cannot be obtained, mix paris green, one teaspoonful to three gallons water, and for a sprinkler use a bunch of timothy heads, and when you are through using, put it

small potatoes, which will set before

the vines are large enough to stop the

as soon as harvested, they should not be dug until the middle of October. They can be dug in the forenoon, left to dry for a few hours in the sun, then loaded into wagons and hauled directly to the cars.

needed.

# CLOVER AS A FERTILIZER.

The value of clover as a fertilizer is not generally fully appreciated. Besides its great value in procuring nitof its long roots cenetrate deeply inphosphoric acid, and other elements back the amount I originally loaned to lying out of the reach of the roots the chronic borrower." of our cereals. These elements, after a time, become available by the decomposition of the clover roots. It has been estimated that the weight of roots of clover exceed the weight of that part of the plant which grows so handy, I simply had to. above the surface.

Their decemposition consequently adds a large smount of humus, or decaying vegetable matter, which is especially valuable in the lightening and loosening heavy soils and enables heat, light and air to penetrate the earth and affords a means of drainage for surplus surface water. It must be borne in mind that heat, light and air are essential for the germination and growth of all seeds and that no seed can germinate and grow in absolute darkness. This explains why seeds will germinate at greater depth In loose than in heavy and compact

Boils. richer than it was before, but rye or any other non-leguminous plant, plowed under only returns to the soil what was taken from it in the growth of that plant. They have a beneficial effect, however, in supplying humus to the heavy soils. It has been estimated that corn on clover sod will yield an average of 20 bushels to the | the remantic young woman. acre more than ou old land, for the first crop, and 15 to the acre for the plan-

second crop. The order is sometimes T reversed, because of the more thorough decomposition of the clover roots the second year.

SPRING TREATMENT FOR THE SAN JOSE SCALE.

Trees of all kinds infested with San Jose scale should be given careful attention before the leaves appear, and the following methods of treatment are suggested.

1. All trees incrusted with this scale should be dug up and burned.

2. Moderately infested trees should be headed back by cutting out the tops and thoroughly washing the trunk and larger branches with a 2lb solution of whale oil soap and water. This can be applied with any ordinary spray pump. Use a potash-lye whale oil soap rather than that made with caustic soda. The former is very If you wish to plant in hills they much more effective, and more easily applied, as it does not thicken when

3. Slightly infested orchards of peach, pear, plum and apple should be sprayed with a 25 per cent. solution of 150 deg. first-test kerosene and water before the buds open. About other way, taking off the two inside 25,000 peach trees were successfully sprayed last spring with this material in the Blue Ridge mt peach belt petroleum and water can be used in the same manner. Commercial crude petroleum is exceedingly variable. A and plant only one piece in a hill. grade containing little or no asphaltum, but a fair percentage of paraf- mourned the death of a war hero, and fin, is desirable. It should have a his funeral was one of the most prespecific gravity of mot less than 43 deg., Beaume scale, and not necessarcharacter cost 8 to 12c per gal. by "Hero of the Nile and of Trafalgar" the barrel.

5. Small trees of all kinds can be cheaply fumigated with hydrocyanic acid gas. The Emory box fumigator ing the solemn obsequies, of a rude should be used.

6. All trees should be pruned as much as possible before spraying. All brush should be piled near the orchard, left until midsummer and burned. This will enable the natural par- great naval commander. When the asites to escape and concentrate upon other scale-infested trees.

## They Eat Themselves.

and fear, many animals eat their own you follow the cultivator marks it flesh. Rats, when caught in a trap by will leave the ground as level as pos- the leg, will gnaw off the captured member, and mice in captivity have been known to bite off their tails. But there are some creatures which go much further and actually eat parts of themselves if left for too long a period

A hyena belonging to a menagerie sprouts and sometimes entirely re- was kept by the proprietor without food in order to tame it. One morning he was horrified to find that the fero- had fought under the Admiral's eye, cious creature had actually eaten part and who mourned his death as sinof its own leg.

An eagle in the zoo a few years ago was noted for the fact that it would

Certain caterpillars and toads devour their cast off skin. This may be due to fear, but it looks like economy.

teristic in human beings. Children in a good state of preservation. It when in rage sometimes bite their own hands and arms, although it must be If potato bugs bother the vines admitted that they desist when it be-

# One Way of Getting Even.

"There is a fellow in our office who is a chronic borrower," said a young man employed in a large Market street establishment recently. "He got into into the stove. It is only the work nearly everybody in the place before of a minute to get another when we all made up our minds to stop lending. He has owed me \$2 for nearly a If the potatoes are to be shipped year, but I'm nearly square, although he has never paid me a penny of it. That sounds queer, but it is the truth. I'll tell you how I've worked it.

"Every once in awhile one of the fellows will say, 'I'm going to make Sopay day or know the reason why.' That's my chance, and I casually remark, 'I'll bet you a quarter you don't get it.' Usually the fellow takes me up, and when pay day comes he loses rogen from the air, it can by means his bet, for So-and-so never pays. In small bets of quarters and dimes, to the earth, bring up potash and luncheons and cigars I have nearly got

# It Came In Mandy.

day. Do you think you can use it? Editor-I have already. It came in

Poet (gasping joyfully)-Ah! Editor-While I was writing my last editorial I ran out of copy paper; your poem, being written on one side of the paper only, just helped me out .-Catholic Standard and Times.

# A Triumph of Photography.

Of course it was a Missourian, one of the "you've-got-to-show-me" type, who remarked to a companion as they examined with awestruck interest a picture in which there was seen the faces of all the presidents of the Unit- solutely straight, are clean as though ed States, "Say, Bill, how in thunder | done with a knife. Sixteen inches are Clover plowed under makes the soil did the photograph man ever get them missing from the other end which is men all together at oncet?"

# A Writer's Aspirations.

They were looking through the library. "If you had the divine gift W. J. Carter, of Ft. Worth, Texas. what would you rather write?" asked

THE ONE THAT WAVED OVER HIS SHIP AT TRAFALGAR,

And That Lay Upon His Leaden Coffin Until it Was Lowered Into the Tomb, Mas Been in Cincinnati for Nearly Ten Years-Snatched by Sailors at Side of the Grave.

has a relic he treasures very jealously, and one that he exhibits only to the chosen few of his acquaintance. It the officer in supreme command. The is the personal flag of Lord Horatio red, however, was revived on the oc- his country, for the sake of his wife Nelson-the flag that designated his rank as a Vice Admiral in the English navy and announced his presence on board the "Victory," his flagship in material and device it accords with daughter of King Edward. in the memorable battle of Trafalgar October 21, 1805,

This was Nelson's last as well as

his greatest sea fight, for he was

mortally wounded early in the action, and died before the completion of the victory which has made his name famous. His remains were taken back to | England, and it was this flag that ficial report of the Battle of Trafalcovered the leaden casket in which 4. A 25 per cent. solution of crude they reposed. Dying thus in the moment of a victory that was so momentous, Nelson, of course, was mourn- of to-day, the first page bears the ed as the English had never before ily over 45 deg. Crude oils of this St. Paul's Cathedral where the the third. There are no large headto prominence, being the cause, dur- for this. break that one would hesitate to believe occurred were it not recorded ed at length in several biographies met with the strongest opposition on several reliable biographers of the funeral procession reached the church borne from the car to the grave by 12 stalwart men from the "Victory." From various causes, such as anger The casket was, of course, covered by and glorious as it is, has been dearly merely Prince of Wales, he was not the final ceremonies.

## SAILORS SEIZED IT.

When these were concluded the flag as has long been the custom, was about to be lowered into the grave had a right to float it, but at the last moment the gruff sailors who had last moment the gruff sailors who cerely as any of the illustrious personages present, seemingly with one accord seized and tore the flag, each struggling for a fragment as a remembrance of their leader. In the confusion it was thought to have been torn into pieces, but such was not the slain." There is just a trace of this charac- case, for most of it is still intact and was saved from destruction by John Clyne, the sailing master of the Vic- How They are Tested in England's National tory, who was then in charge of the men. Before the work of demolition had gone far he got possession of it and concealed it under his waistcoat, he was, he was able to protect it.

This action of the sailors at Nelson's tomb seems not to have been censured or rebuked in any way, but their fallen chief. At all events they were allowed to retain their tokens, and several fragments are still in existence in different parts of the

John Clyne kept his part until his death, leaving it to his widow, Margaret, who in turn cherished the and-so give me what he owes me next | memorial until she died. It then became the property of their son, who brought it with him to America about 10 years ago. From him it passed into the possession of Mr. Davidson who, as stated above, guards it very jealously, keeping it locked in a safe with his watches and jewels.

ONE SOLID PIECE.

The flag is, or rather originally was four feet wide and eight feet long and is one solid piece of cloth made of sea island cotton, interwoven with silk. This is unusual, for most flags are made of different pieces of di-Poet-I left a poem here the other ferent color, it being easier to connect the pieces than to color different lines. The main ground is white and the coloring still clear and bright was evidently put in by a process then used in the manufacture of war flags, that of protecting all but the blocks tightly screwed together while the flag was immersed in the dye. It is precisely alike and equally bright on both sides showing that it could have been colored by no ordinary process of printing.

A strip four inches wide is gone from the rope end. This was evidently cut by the sailor who first seized the flag. The threads end abruptly and the markings, though not abstringy and certainly bears evidence of having been torn. It was this strip, 16 by 48 inches, that was torn into fragments by the men. Of these at least one is in the United States. It is in the possession of Mr.

This piece is of the same material as the rest of the flag, and upon comthe missing space in the lower right-

hand corner. Mr. Davidson has also BECOMES United States but he has no definite knowledge of them.

The flag has been examined with CHARLES OF DENMARK TO ENTER great interest by several men who have served in the English navy, among them Signal Lieutenant A. J. Parker, now residing in St. Louis, who says that it is the ensign that at that day was floated by the "Admiral of the White Squadron," as distinguished from similar ensigns in red Mr. W. A. Davidson, of Cincinnati, an dblue. Of the gradations the red was the highest, but in 1805 was not and for more than a century had not been in use, hence the white indicated casion of the promotions of officers This is what Prince Charles of Denwho served in this same battle, but it was a color Lord Nelson never floated. Lieutenant Parker also says that the regulations of the time. Mr. Davidson has corresponded with men high in authority in the British Department of the Admiralty and the authenticity of this relic has never been ques-

### THE ADMIRAL'S REPORT.

The same gentleman also has a copy of the London Times of November ' 1805, giving Admiral Collingwood's ofgar. It is a small, four-page paper, yellow with age and almost in pieces from handling. In general "make-up" it looks very much like the paper title, date line and price mark, but the vertisements, as is also the fourth and from the Danish navy to last page. The second page is the editentious London ever witnessed. At torial, while the report covers all of was buried, this flag again came in- event of the day doubtless accounts of at Copenhagen.

miral Collingwood, who succeeded goes by the name of "Harry," tried to Nelson in command, has been publish- comply with her request, but were by eyewitnesses and mentioned by of Nelson and is much too long to be the part of Prince Charles' parents, quoted here. The editorial page, how- who not only withheld their consent ever, is interesting. It says:

naval action, which terminated in the lowance, and to disinherit him unless the remains of Lord Nelson were most decisive victory that has ever he remained at Copenhagen, and been achieved by English skill and abandoned all ideas of taking up his gallantry will be found in our paper residence in England. of to-day. That the triumph, great | As long as King Edward VII. was the flag, which was removed during bought, and that such was the gen- sufficiently rich to be able to make eral opinion, was powerfully evinced good the income which they would in the deep and universal affliction have lost by running counter to the with which the news of Lord Nelson's | wishes of the Royal family of Dendeath was received. The victory cre- mark, but now that he has become ates none of those enthusiastic emo- King, the situation has changed, and tions in the public mind which the he is in a position to do so. was not a man who did not think that Dutch navy, and is about to be the life of the Hero of the Nile was too great a price to pay for the capture and destruction of 20 sail of French and Spanish men-of-war. No ebullitions of popular transport, no demonstrations of public joy marked the great and important event, The honest and manly feeling of the people appeared as it should have. . . they felt a moral satisfaction at the triumph of their favorite arms; they mourned with all the sincerity and poignancy of domestic grief their hero

# WATCHES FROZEN AND BAKED.

Physical Inberatory. where, rough and ready jack tar that lic mind because of the threatened derangement of its delicately-made instruments by the installation of electric tramways at Hammersmith. rather regarded as a heart-felt, if too some miles distant, is more than a | Redy Has Been Petrifying Gradually for forcible, expression of their love for home of magnetic mystery. Many watches constructed for scientific and other special purposes, are here subjected to tests which tax their capabilities to the utmost.

The branch of the observatory where this interesting operation is Black, who was a woman of unusually carried on is known as the rating de- good health and development and partment of the National Physical Laboratory. The observer, Mr. E. G. Constable, states that about 500 watches are tested yearly and that 10,400 have passed through their hands since the department was opened.

first-class certificate commences its career at Kew by standing upright for five days in an ordinary safe. It spends a similar period in three other positions and is then placed on its back in a refrigerator. After five days of that icy abode it is removed to an oven kept at a temperature of is due to the severe and permanent 90 degrees Fahrenheit, and is at last restored to a normal temperature. All kept at such a tension as to make this time the watchful eye of the obparts to be tinted between wooden server has been upon it, and the the petrifaction of the body. watch's behavior duly noted in books.

watch makes in the different posi- the joints were solid. The progress tions and temperatures is carefully of the various features of the case has entered, and certain marks for and been gradual and continuous up to against are given it. What this the present time, except that the colmeans will be the better appreciated or has slightly lightened within the when it is explained that Kew pos- | past few weeks. sesses instruments capable of indicating the hundredth part of a sec- ed by what medical experts believe

the words "especially good" are writ- that emits perspiration is the face. ten on its certificate when the watch leaves the observatory. Last year the lowest marks received by a watch | fect specimen of a stone body. were 44 and the highest 90.1. The latter was English made.

A bill has been introduced in the Legislature of Maine to restore the "Checks," replied the sordid young parison it has been found would fill death penalty in that State, which was abolished years ago.

THE BRITISH NAVY.

The Princess Mand's Life Was Unhappy-Daughter of King Edward-She Wai Not Received With Cordiality at the Danish Court.

Royal marriages are so rarely love affairs that it is somewhat refreshing to find a manly young prince of the blood who is willing to sacrifice not merely great wealth, but even mark is now doing in order to please his consert, the youngest and favorite

Prince Charles married his English cousin Maud against the wishes of his parents, and in particular of his colossally rich mother, who had destined him for the young Queen of Holland. The result was that when Princess Maud went to live at Copenhagen after her marriage her life was made such a burden to her by her mother-in-law that she took a dislike to the country, which she did not attempt to conceal, and became so miserable and homesick that she entreated her parents to arrange for rest of it is filled with compact ad- the transfer of her sailor husband

## THE ENGLISH NAVY,

and for the establishment of her though the importance of the main permanent home in England, instead

Her parents, devoted to their The document itself, signed by Ad- daughter, who in the Royal family to any such arrangement, but like-"The official account of the late wise threatened to stop their son's al-

success of our naval arms have in | The result is that Prince Charles and interred with the only man who every former instance produced. There has severed his connection with the

APPOINTED A CAPTAIN in the English navy. He is removing all his belongings from Copenhagen to England, where he already has a country seat at Appleton hall, on the Sandringham estate, while the apartments hitherto occupied by the Duke and Duchess of York in St. James' palace are to be assigned to him and to the Princess as a town residence.

A bill is about to be introduced in Parliament, providing for his naturalization, as an Englishman, as has been done with all other foreign-born princes who have married English princesses, and then made their home in England. As the young pair have no children, they can afford to forego any fortune that might come Kew observatory, near London, to them from the Prince's Danish pawhich is being kept before the pub- rents, and to rely upon the generosity of King Edward.

# SLOWLY TURNING TO STONE.

# Eighteen Houths.

Mrs Mary Black, wife of a wellknown insurance official, of Laporte, Ind., is slowly but surely turning to

About eighteen months ago Mrs. weighed nearly two hundred pounds, was taken with a feeling of languor that refused to give way to ordinary treatment.

It was followed by an affection of the stomach and an apparent giving Am ambitious watch in pursuit of a down of the vital forces. About the same time a noticeable discoloration of the skin was manifest. This unnatural color increased until nearly the entire body had taken the color of amber.

> As this color increased her flesh decreased and apparently hardened, until it had the appearance of turning into stone or bone. This condition contraction of the mussles, which are them very rigid or hard, hastening

This action of the muscles has in-Every variation of a second the creased her belplessness, as though

The heart action has become impedis the formation of a crust of stone, The highest marks awarded to a which will sooner or later stop its watch are 100, and if it gains over 80 | action. The only portion of the body

Medical experts say that this case will give to medical science a per-

# IN CHINA.

First Statesman-Then we have agreed to the demands of the Powers? Second Statesman-Yes. The next question is, How shall we avoid coml plying with them?