Corrante Str.-Date as Pali -Baving Grapes from Front Har. -Large Crops Pay Seat

Karly fall is an excellent time to set out small fruits and provide sgainst the lack of them which we felt so keenly during the heated term Haspierries blackterries and surrants are all deservedly popular and sealthy food, and they possess the great merit of re-uiring very littie cultivation.

Blackberries and raspherries may he grown on any soil except a very beavy clay or one that is liable to remain water-soaked. They are generally propagated by cuttings and should be planted so as to allow the roots to grow before the ground freezes. It is considered beneficial to cut back the canes to within six inches of the ground after planting The earth should be pressed firmly about them so the the soil and roots may come into close contact. Raspberries should be set about four feet apart, and blackberries six or seven. The red varieties of raspherries are not so ha dy as the black or the black. berries All, bowever, require to be hearily mulched with manure before winter. If manure is not accessible, an extra amount of earth should be placed about the plants, but it must be removed in the spr ng. Red rasp-berries will yield excellent crops for eight years and fair ones for another sight while blackberries last even longer. A aspherry be I may be formed in the fall with a fittle care, so as to give fruit the next ve r This in accomplished by dugging up plants with a quantity of earth about them and carefully resetting and watering them The tops must then be moved from the canes, which should be left three feet in length.

Currante and gorseberries deserve to be much more extensively grown than they are at present. They are sure annual and abundant bearers. are grown with little trouble and require only to be kept free from Currante fre propagat d with the greatest case from cutt ngs. which should be less than a foot in length when set. They should inserted slanting. so that only the top bud is above ground. They will co well on an kin t of soil but, as a rule, the richer the soil and the better the cultivation the heavier the crop and the larger the perries. Plenty of moisture is required. The plants need renewing ev ry six or eight years Gooseherry cuttings also root easily, but many prefer lavering. The gooseberry is a gross feeder and requires a rich, moist loam, but not drought or crowding. A little shade is e sential. When grown in the full sup the fruit is apt to mildew on the sunny side. The general cultivation is much the same a that of the currant, but more ca e is required The English varieties are are also more liable to mildew. Tie disease can however, be successfully kept in check by means of apray pumps and fungicides

## Large Crops Pay Best.

It rarely happens that a big crop is produced at a loss. The ext a work required to secure a lark vield per scre always pays letter than does a like amount of labor spread over a wider a ea. There are limitations to the amount of fertility that can be profitably provided for es h crop, as every farmer knows. Some need a different kind of fertilizing than do There are gross feeders and what we may call delicate feeders Most gardens vegetables are gross feeders. The soil cannot be made too rich fo. sbbage or celery or the large root crops. They all require liberal supplies of nitrogen (orn also needs rich land. It a helped by e arse unfermented manures h cause in the soil their decomposition furnishes heat, and this is all important to make corn grow. The same application of oarse stanle manure to soil delic ent in mineral plant food willingo e wheat or o'her smail grain, making the straw weak and liable to rust But stable manure on land where there a plenty of potesh and phosphate will often make a large crop by rendering the mineral fertiity available. It is economy however, to apply the stable manure to sorn, and let it- second year e e t go irto the wheat, outs or barley that follows it

## Saving Grapes from Frost.

It almost always happens that after be first evere front, desir ying grape lage. there often comes one or two eks of tipe, warm weather, when vines that have been protected ill ripen the r frust thoroughly. We ave "ipened the lone and the (awha grapes, both of which need too a seas n for ordinary ripening the open at, by covering the are lises with a sheet each n got, reaterial help, even when there is no vs a beavy dew. which chills fruit There is little or no pen ng of uncovered grapes at night-ith a slight covering to keep off a daw the ripening process may go all the twenty-lour hours Every who has grown grapes beside a on earliest to ripen are always under wide awnings, where a been protected from e ld

keeting qualities they should be ston d in a dark room above ground notif freezing weather comes. when they should be removed to the ce las, or stored in pits, the cellar being preferable if entirely frost proof. Storing early notatoes in a cellar before cold weather should be avoided, any shelter above ground being preferable By this plan decayed or partly decayed tubers can be throwout when removing to the cellar. They may also be piled in larger quantities than they were earlier in the season. The short po ato crop this season hould insure good prices. Hence it swell to look very closely after every detail of the harvest. In gathering, he saved as the chances are that they will have a good market value at planting time.

Comparative Bardiness of Swins

wine have very little hair as com pared with other domestic animals They are exposed in our American climate to hotter summers and gen erally to colder winters than in Europe, though the last few years European winters have been more severe than our own have been. The somewhat coarse-boned breeds, like totand Chin and Ferkshire are therefore preferred by Western breeders, while for those who a m to provide ounfortable shelter for the hogs a cross of these with the Essex or small Yorkshire will be more prof-Itable. There are many who like a white hog best, and for such we know nothing better than the Che shire which is the only breed origin. ating in this country without cross ing with other stock, and therefore liable 'e frequent variations from the

#### Unto se Pall Ford.

In some localities farmers sow oats barley on their corn and potate rounds, to be ted down in the full It is a good practice, and the feed thus procured will in most cases be worth more than the ost of seed and the work of harrowing It in. After a very dry summer, as we have had, the soil is full of available nitrogen. When fall rains come this makes any plant grow vigorously. 10th oats and tarley will continue to grow after light frosts, and until the soil lise ! free es. The tertility they thus draw from the soil will be washed away and lost if it is let naked through the winter, and will protect the fertility from wasting. We have known both rye and wheat to make some growth in warm, wet weather in winter.

Unpopularity of the Mulberry Tree It is a curious fact that no insect but the sikworm will willingly eat the leaves of the mulberry tee In seasons when the grasshopper or the army worm abounds, every other tree and plant may be atripped of its mulherry tree will escape to the last. kansas locusts will eat ever thing these qui k-firing guns, as well as of else first, and when all the rest if the smartness with which the Blue gone, with wry mouths will then Marines' set about their task. Fire ta kle the mulberry leaves. It seems

### by nature for the support of the sik WOIM-Carbelle Acid for Foul Brood.

A German bee-kee er reports en nuch ther than the native, but tire success in the care of feut brood with carbol cacld. As generally emweak if diluted and driving out the bees if full at ength. The experithree months.

A TOMATO raised this season by

Samuel Urich of Marion, a. weighed pounds and measured ly inches around. Liouin putty for green house work

Apply with a putty bulb. A CAR load of Oregon fruits

Diums. accurate map of your farm, with the ly adulterated with glucose. fields numbered and correctly mea

ured? PROY. ROBERTS of Cornell, says the great diff uity with farming is too much or too little mo sture, and too little cultivation, thus ladicating the necessity of drainage.

M . A. W Porn says of alfalfa It g es down further an comes ut fas er than common clover. quality of the bay is good, but it is hard to cure. I get three crops the yea fel owing the planting."

candying, says a writer, is to seal it in t wht jar . the same us fruit. This is the way that the bees do, and it is the only safe way. It should be thor | whiy heated before putting up. copious applications of hot water - organic salts formed by the corresion

to overbear. It is the American maines in preserved mesta when an overment will not be ever parison with the startling eports present in the prin ipal food products, that have been published. Much the so that a convey and thrift may take greater part of foods we cat is pure the place of on class, ignorant square and wholesome.

When a man gives up a marriage The great would, either of the segregarisest be sum the woman is Mormon church or of the individuals not a number of his church, the real at its head, has been demonstrated facts are that he is love with an by the recent investment of \$10,000, other woman.

A LANDLUBBER SURF

tion is to realize the value of diecipline in its most perfect development -the result of the constant practice that gives faultless precision. It is the habit of capable captains to assemble their crews at general quarters many times during the peace manue vers, in order that they may grow accustomed to their duties, and go about them without confusion. whether the alarm comes in broad daylight or in the darkness of a ght Such, indeed, is the ordinary red

tine of a battle-big and on it safety may at any moment depend if things should g wrong, in steam tactics as in action. Whenever bugles sound the call and the boatwain's mate's pipe shrill echoes, the men, wherever they may to, whether on watch or asleep in hammocks, assemble at their alloted posts with marvelous celerity. There is a momentary trampling of feet between de ks, a rattle of arms, and then sileace so protound that any word of command can be distinctly heard fore and aft along the deck even of such a ship as the Repulse.

At the words "Clear for a tion" there is a commotion which a landsman might mistake for a panic as men rush from point to point blue acket never wa ke when an order is given, but does everything at the double. Everyone knows his station, and goes to it by the quickest and shortest way. With a rapidity that seems wooderful, compan on ladders, with their ponderous gangways, are unshipped and stowed away: railings around the low decks fore and alt are lowered: the ventliating cowles and chimney stac .s disappear, to be rep aced by covers flush with the deck: batches are battened down, water-tight doors closed, and tackle rigged for hoisting ammunition from the maga ine. Between decks everywhere something of the same kind is being done as quickly and quietly, and then,the men stand to their guns. When the bugles sound for firing to commence the great barbette turntables revolve slowly, traine | by unseen power, and the quick firing guns in maindeck batteries are worked with surprising celerity by detach-

ments of hoyal Marine artillery. At a prize shooting recently a detachment ared sixt en shots in three minutes from one of the repulse guns. scoring nine direct h to and planting all the other seven shots so close to the target that they would have ridded the bull of a ve y small ship. The seventeenth round was in this gun when the "cease fire" sounded, so that one gunner, who was loading, must have lifted 1,700 pounds in three minutes. This incident gives a vivid idea of the work that would have to be done in action by crews of discipline will be a potent factor in to be the one food specially designed future battle at sea and there can be no better means of acquiring it than by such exercise as one has seen at vers - London Daily News

## IMPURITIES IN FOOD.

ployed he acid is a failure, being to: They Are Not as Common as Many Per

sous May Suppe Singularly exaggerated ideas conmenter used full strength a teaspoon cerning the adulteration of food are ful mixed with as much tar, put very generally held, according to Dr. under frames in a little box. oper H. W. Wier, chemist of the United enough to allow evaporation, but States Department of Agriculture. bee tight It should be used every Sand, for instance, is not sold with sugar-at least in the United States. The granulated and lump sugars in the market are alm at ab-olutely pure powdered sugar sometimes, though rarely, contains a little flour or starch, and low gradersugars are impure chiefly through the molasses and water they are made to absorb is made of 30 per cent white lead, in manufacture. Not as good a rewith pure lin ced oil and whiting. port can be given of syrups. There is very little pure maple syrup, most re of what is sold as such being a mixceived in the East consisted of Bart ture of glucose or cane syraps with a lett pears silver, Italian, erman, small proportion of the product of and Hungarian plunes and ego the ma le, while in an imit tion actually protected by a patent, the WHERE can you get a better plo in ple flavor is given by an extract of ture to hang over your desk than an hickory bark. Liquid honey is largecome honey, however, only that in bottles and lars is impure, the old impresion that comb honey on the frame is adulterated baving been proven to be erroneo. a Ground cotfee is so largely adulterated with chicory, peas, beans, etc., that it is rarely found pure, and even the un ground berry is imitated Tea is rarely in xed with foreign leaves, but frequently has its weight increas d by the addition of saits of Iron and copper-materials quite prejudicial to health. Cocos and chocolate are THE rest way to keep honey from largely adulterated with starch and sugar, and products claimed to be greatly improved as to digestibility may have little of the virtues of the original cocos bean left in them. A danger in canned goods is the use of C ken udder, in its first stages, if adulterated tin, which may contain s said, can be quickly relieved by as high as 12 per cent of lead, the hot as the hands can stand. Vaseline of the lead being always poisonous is a first-class application for sore The common practice of coloring tests sometimes the tests get badly canned peas with copper is very obcanned peak with copper is carried by barbs on je tionable. The use of preserva-wire fences.

Prov. I. P. Romerrs, writing to without risk, while an occasional the "Rurai New Yorker" from Call source of danger is the development forula says "All trees are inclined of nitrogenous bodies called ptostory over again. Too much. 'To' above are illustrations, which, though mu h! When will the time come had enough, are insignificant in com-

Company: This new company is to operate deal misse, a railread, a bath-ing beach, and pleasure resert at the Great half-lake, and build, equip and operate telegraph and telephone lines. This is purely a church scheme, in which Gentiles have no part, and like the Zion Co-operative Company, to be managed to add to the wealth of the church —Springfield Republi-

### The Menace is Africa.

That the forces of Islam involved n the widespreading ramifications of the Senoussi sect menace the exist-ence of French authority in North Africa it would be exaggeration to allege that they even threaten its security to a serious extent may not perhaps be the case; but that they or pose a barrier to a French annexation of the great tracts intervening between Senegal and Algeria there

can be no question. A false move on the part of the Paris Government, of the executive in Algiers or Tunis, or even of some sub rdinate official of the southern contines of the French posses might of a sudden arouse the fanaticism of the dwellers beyond the outposts, and the news of it would spread like wildfire over the abara and the Soudan. The Mohammed el Mahdi might think his time was come, might p octain religious war, and might bring into play the vast resourses placed at his command by the strange organi ation that bears his hame. Senoussi has shown no taste for strife. The Mahdi is not to

be a man of war. But it is the unexpected which always happens in these lands, and the sheikh may flad some day circumstances too strong for him. That these people when they muster under the banner of Islam for fight are form dable the insurrection in the oudan has served to show. - Blackwood's Magazine.

### Fun for the Boys.

The electric fans used so gener ally in offices, have sugg sted many little (a cles in the way of decora-The most universal fad is to fasten long streamers of gayly-colored paper to the machine and let it fly out in the breeze. The effect is very pretty, and has a soothing influence on the heatel brain of the man who drops in and takes an easy-chair for a few minu es before going out again under the hot sun. Many private houses now have the fans, and some of the youngsters have utilized the cool breeze they produce to by miniature kites and fly miniature windmills. One ingentous youth whose mother has an electric fan standing on the mantle-piece of the dining room, set his wits to work, and after thinking awhile went out and bought a Chinese bird kite, some bamboo and different-colored tissue paper, began operations. He constructed a num er of small kites in the sha, e of birds, bats, and butter-flies. Thes he attached by threads to different objects in the room, so that they floated on the current of air strived up by the rapidly revolv. ing lan of the electric machine. The effect is most pleasing, and at all general quarters dur og the maneu- times while the machinery is in motion the little kites dart around and over the dinner table like things of

## An Ambitious Chicken.

"An obstr perous chicken succecded in calling out our fire department not long since," said Henry F. Swangate, of Savannah, Ga., at the Lindell. "It was a male bird of the game persuasion, and had acquired the very bad habit of flying away from home and mounting to an extraordinary height for a comesticated bird in one occasion, when chased by some boys, it got badly so red, and, flying up rapidly, struck some wires, and got tangled up in them hopelessly. By some means or other it shook or disarrang dis wire which notified the department of a fire, and every effort w smalle to get prom thy to the scene of the supposed out

break. "No fire being discovered. It was evident a false alarm had been turned in but the continued struggle of the rooster sent in further alarms and caused a general demoralization of the electric service. When the cause of the d sturbance was finally located the bird was neary dead and its handsome appearance had entirely v nished. This is, I believe, the first case on record of a chicken up-ettl ig electric servi e in this way, but the bird, although quite a small one, succeeded in doing the work suite effectively.

## Opholding Dignity.

The heat cooks of the Princess Farnese and Este met one day in a fruit market at Kome in tront of a fruiterer's stail, on which, very early for the season, a beautiful melon was o. cred for sale.

One of the cooks immediately offered five france for it; the other promptly offered ten; alternate bias (wenty, thi ty, forty, et cetera. followed by rapid succession, until at last the Prince Farnese's cook bad the me on knocked down to him for or france

The crowd of light inders indulged in uproacious bilarity when the cook received his meion for everybody exected that he would be taken sharply to task b bis master.

quite the reverse however, happened. Frince Farnese's cook, who and bou bt the melon was highly commended, and re elved a pre ent into the bargain for keeping up his master's reputation while on the ther hand the Prince of Este soundly rated his cook and dismissed him for failing, by the practice of false economy, to uphoid his master's dig-

The Deever mint-has furnis public many wild curprises during the past eighteen months, save the Denver Republican. It has shown, partially, the increased production of gold in the State and has grown, in a comparative short time, from an obscure branch of the general besidess of the Government to a place of general importance to the entire country. From a few thousand dollars monthly the purchase of gold at the mint has grows to a half million a month. With this vast inc case of business has grown a demand for a coinage mint, and so strong to this demand that it can scarcely be denied by the Government

In the quiet routine work of the mint there has been gradually accumulating an item of wealth that even the employes failed to realize until a short time ago

It has been the custom to make quarterly house cleanings of the assaving and retning departments At such times the operating rooms were carefully swept and all of the machin-ery dusted. The dirt and dus thus colle ted has been washed and the tallings thrown into a bin back of the mint build ng where for years they have been accumulating

At each quarterly cleaning a snug sum, generally about \$100 in gold dust, would be washed out and saved. Only a few pounds or tailings would be left in the pans to be dumped into the open bin, but during the years this stuff gradually accumulated, until it now amounts to about four tons.

A few weeks ago Assayer Puckett went out to the bin of "tailings" with a pan, which be filled and began "washing." The result was a surprise, so large was the quantity of nied having any, and directed them gold be washed out. Without fur. to the next ran h, nearly a smile therado Mr Puckett hired an expert and started him to work washing out the tailings. Mr. Puckett also had had some old melting pots that had been thrown out ground up and washed, and the result was that from the scrap pile over #2, 900 in gold has been panned by one man in thirtyeight days

These tailings, after second washng. have also been saved, and Mr. Puckett says he has refused an offer of mi,000 from one of the smelters for them. He expects to receive at

east \$2,000 for them. In arranging for the improvements to be made at the mint, Mr. Puckett concluded to have the chimney of the furnace swept. In doing this fifty-seven pounds of sort was secured. This soot was sold at sa per pound to one of the smelters, and

the smelter authorities claim to have

made a good profit on their purchase. The gold purchases at the mint for the past twelve day of this month have amounted to over ==00,00 . The largest pur hase of any previous month in the history of the mint was a little less than \$500,000. As sayer Puckett says that at the least

### reasonable calculation the purchases for this month will exceed \$600.000. Fashions in Dolla' Eyes.

Who would think of such a thing as a queen deciding the color of the doils' eyes within her kingdom? Such a thing has been done, not by royal edict, however, but simply by having Her Majesty's own eyes set the fash-

When Victoria became Queen of England more than fifty years ago. she was fair and young, with very blue eyes, whereupon blue eyes became all the fashion, and all the loyal doll makers of her kingdom began sending slue-eyed dolls from their factories.

In Italy and Spain, where all the great beauties have office skins, and dark, handsome eyes, a blond doll is not a common sight Japanese do is bave twinkling, beady black eyes set Press. in their heads aslant, while the gayly dressed dolly from Singapore looks from her copper-colored face with a pair of narrow, coquettish black eyes uite di crent in express on from either the Spanish or Chinese beauties

## The Mighty Dollar.

There are several theories, each plausible enough, of the origin of the American dollar mark. Some claim that it is a comb nat on of "U. n." the initial of the United States; others that it is a modification of the figure 8, the dollar leing formerly called a 'piece of elght;" again we are told that it is derived from a representation of the Pillars of Lercules, consisting of two needle-like towe s or pillars connected w th a scroll. The old Spanish co as marked with the pillar device were frequently referred to as "p liar dol are" cording to one writer the symbol of the dollar is a monogram of the letters. "V," "," and ",," the dollar being original y a "thaler" owined in the valley of Saint Joachim, Hobem a, and known as a "coachin thaier, and the monogram initials of the words "Valley Saint Josephia."

# Invorce.

In consequen e of mental malady. a Georgia lady con e'ved it her duty to live apart from her hustand, and, in order that he might apply or a divorce forged documents which would give him cause. The husband knowing the were not true but thinking that to humor his wife would cure her malady, presented the pape s to the legal authorities and a divorce was granted. The ex husband imm diately lagan tomake love to his former w.fe again and proposed to his former wife again and proposed marrage in due form, but, although she appeared happy in his company and would go with him to the theater and like places, she shouldly refused his profice of marriage and expressed a wish that he would wed a girl whom she named. Now the man is seeking to have the decree of diverse set saids.

rope, 'Ob roping match, which, to the ter foot as well as the c w-man needed belp for his round-up was of interest, he won his share of prime He had "beaded off" and "vened" feeing corote, and had been known to assert that be reckened he could handle his satanic majesty if he once got a fair chance with a rupe and his roam pony.

His patronymic was known to but few. His non-de-plume-if W the proper term for such an article was derived from wearing in his had the caudal appendage of the small pisntigrade adopted as the special property of a political party, and by It he was known to every one on the

The steers fit for market had been "rounded up," "cut out" and drives to the railroad for shipment, and after two or three days of fun in town. Coontall and two or three of his compeers, whose services were not reuired en route to Chicago, started for home; a-matter of three or four days ride. By the end of the second day, they had emptied the bottles with which they had supplied themselves for the journey, and with dry and cobwebby throats were seek ing more. At a way-ide store, near the crossing of Powder kiver, they en envored to procure who ewith to quench their thirst, but the proprieof the average ow-puncher when under the influence of "forty-rod," de nied having any, and directed them away, and across the stream; but not feeling very secure. as soon as they left, locked his do r and betook him self to the shelter of a nearby "coulie" At the place to which they had been directed they were referred back to the first party, and informed that they had been tricked. It did not require much time to return, but they found the building closed and locked. Half a dozen shots around the staple holding the to such an extent that a vigorous kick drove it open, and with a well of triumph they took possession. The head of a keg, lying beneath the rude counter, presented a target, and at the same time, thoughts of a driek,

if tapped. A shot from a revolver tapped is The pole-and-dirt roof leaped skyward; the logs composing the Lady of the building went hurting over the prairie; canned stu T followed suit, propelled by twenty pounds of powder; and Coontail and h s triends followed the goods. What was found of two filled each a small bo .. but "Coon" was found, blackened and seared among the saze brush, thirty or more yards away. Finding these he still breathed, he was carried to the stream, and rough but kind hands were soo busy cleaning the dirt and smoke stains from his person. For clothing he retained the eat-band of his hat, and his boots Ha f an hour later he regained consclousness, and gazing about him through his scorched eye ashes be feehly wanted to know what had happened. Some one remarked upon his escape and ditapidated appearance, and r sing to a sitting posture, he asked for a mirror. One was found, and after a long survey of his features, his ejelashes and brows burned away, and beard and hair, save the nariow fringe protected by his hat-

band, gone. he remarked: "I'm doggoned purty, ain't I? That was a dighto n' barber shophair cut, shamp o an' a shave, all done in less'n a minit "- Fy

Offered a Sub titute "One of the funniest lostances I ever knew to occur in court, " says & veteran official of Penotecot County. happened years ago when andge Perham presided in the court of common peas. An old Irishman, a restdent of Bang r, was an important witness in a case, and both be and the lawyer, who were trying to examine him, were having a hard time of it. The witness was very slack and frowsy in his personal app aranca, and the heightened the effect of his blarney immensely. He perspired freely under the crdeal of examination and was evidently wisning it well over, when the door at the rear of the conriroom opened and in came a little sharp-eyed old Irish woman The witness saw her and a look of intense relief spie d over his features as he biurted out: There There is me o e woman, cone in. Ax her some of your dum foolish e uestions.

bbe kin take care o' ye." - Lewiston ournal A Laundryman Gave Up Business

'I to k my laundry to a newly opened pla e on the West Side of Chicago, said G. L. ramer. "I. was a ni e looking place and the proprietor, a very joung man, confidently mormed me that he had only opened a week before, and it was his first business venture When I recited crowd. The laundry was c osed. and the propri tor could not be found. We broke in the door finally, as they said he had been gone for two days. The e was an immen-e pile of laun drie : clothes, but not a mark of any kind to identify them. The proprietor had forgotten this important feature, and when he viewed the great pile without any possibility of separating them, he had ed. After an hour's search I found my own linen, but I have never seen the issued young since."—(Indianati Enattirer.

Tir only time some men make a stand to when they cannot run.