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of all description

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And it brings a sweet rapture of gladness and

With the voice of my mother, so gentle doth

And it brings a sweet rapture of gladness and

When my eyes shall be closing on life's fltful

Agriculture.

And when over the river, the shining shore

Potatoe Prospects.

Speaking of the prospect of th potatoe crop for this year. A cor respondent of the Country Gentleman, says:-

Of course there is a risk in planting potatoes largely. A heavy yield al over the country, might repeat the experience of 1875, when potatoes were dug at 18 to 25 cents per bushel. But our old varieties have so far run out that a general success would more surprising than a general failure There is vastly more poor seed than good in the country to-day, and in the scarcity of potatoes at planting, much of this poor seed is sure to go into the ground. Poor seed was one cause of the general failure of the potato crop in 1878, and the evil is likely to worse this year than last. It must be an exceptionally favorable season for potatoes that will bring through much of what will be planted the coming spring. Hence, while it is probable hat many will lose money in potatoes this year, the time was never better for those who thoroughly understand potato-growing, and will give it the care and labor that this crop now. more than ever, requires. It is perhaps fortunate for skilful planters that never is and never can be very much | We collect from it the following inprofit in anything that everybody can formation ;

April Suggestions.

mical to pay a high price for good and some use made of the discovery. seeds, than to accept poor ones as a

aspect of the country if farmers the Christian era, form a negative same treatment which thus improves oughly manured will give you more would plant trees along the sides of argument of great weight. Cheese, the poorer ones will make the best real profit than two or three overrun road to the extent of their farms! from the earliest time, formed an im- ones extremely fine. How shall the with weeds. No farmer can afford the The clm, rock maple and ash are all portant article of diet, and finds abundesired end be reacqued? The answer grow weeds. If, therefore, you have trees. In transplanting, the holes was made for the most part of goats' By these means the poor ones can be year, and ripened a crop of week roots as possible should be saved un- thus changed into a light nourishing of a liberal quantity and an excellent as soon as the crop comes off, and la injured, and with the soil of the native food, capable of being preserved for quality of food. It will not do to it down as soon as you can get bed covering of the roots should not be higher than the surrounding land. agree with you in the propriety, and blood mixed with curd. Not one of them failed to grow, and ed "butter" in the Old Testament quite small lambs will begin to eat We have said that it is best to take year. I have taken the weights of stooping, but may be of much benenow they are thrifty trees, affording really means what we understand by fine hay. This should be fed to the care and not get the stock out too an abundance of shade, some of them it.

LITERATURE, AGRICULTURE, AND

ANDREW LIPSETT, Publisher.

" AGRICULTURE THE TRUE BASIS OF A NATION'S WEALTH.

ANDREW ARCHER, Editor

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NO. 2.

If scions for grafting have not and Romans, but no word in either best way to get them to do this is to in order that it may come out well in

columns, of the great importance o keeping an account with the farm, and while we have no doubt that ever thoroughly systematic farmer does we fear that there are yet many who

you can, but don't spread it over to much ground. Put it on thick, an lay out to get the biggest kind o crops rather than try to make it go as far as possible, and so half manure

roots now will be of great surface, and

help it out and abundantly pay for the

Scrape up and apply all the manur

An opinion, which we believe to be necessary only for scientific, literary or professional men, and that it is it up in another, but how is he to know folly for any one expecting to become 'a hardy son of toil" to indulge in sider the necessity of having such a they ought to gain very rapidly. This is equivalent to a pretty good coating fraction should receive that education from going the same way, if he pur-

tion, and thus place within their reach labor performed upon it, with

are allewed to spend the winter days, it not be better for them to harves, study which would not only make midst men thororoughly competent to redriven to the humiliating resort of select.

Assemblies of the land, without being ing as their representative a glib tonqued lawyer-from a place perhaps three or four hundred miles away-who, in many cases, cares little about the interests of the people who have elected him to that honourable position. Farmers, do not neglect the thorough training of your sons if you have a desire to further the moral and social nterests of your country.-Ex. THE GRAPE IN CANADA. - The report

of the Fruit Growers Association of Ontario, says :-- "Mr. Paffard, on recent visit which I made to Niagara. showed me in his garden several exotic varieties, and among them a vine of Black Hamburgs, which has been yearly a heavy crop. It may not be generally known that Mr. Paffard secured a bronze medal for the grapes at the Centennial. The bunch weighed 161 ounces." An esteemed correspondent writes of these grape vines, thoroughy cultivated.

"The protection in winter consists the owner, and ought, therefore, to be merely in laying down the vine and well manured. covering it with a little garden mould and the growth is as rapid and vigor- than they found it, making both the ous, and the bearing as full as any of farm and farmer rich at once; the hardier kinds, while the shape, size, color and flavor of the clusters and fruit will compare favourably with the best specimens produced intelligence - without these lime.

subject: "It may be interesting to some readers to know the weights of a clean cupboard, a clean dairy, and a ed at the Smithfield Club Show this the steers exhibited and they stand fit: sheep and the lambs allowed to take early upon the new grass. We have birth, per month—Sussex, 54 lb. 7 oz.; thing in its place saves many a step, thus: Increase of growth from day of That to keep a place and every-

We have often spoken in these

Farm Accounts.

get their living by tilling the soil who are not systematic to the exten of knowing exactly how well their business pays. We often hear the re mark made that farming does not pay and again that the profits of other kinds of business, but on questioning those who entertain these views, we invariably find that they do not keep debt and credit with the farm, and consequently, do not know the exact profits of their business. What would be thought of a merchant who should conduct his affairs in such a manne that he could not tell his yearly pro fits? He would be very likely to fail and does not intelligent farming require as much brain work as trade. in one operation, he expects to make

of the ledger, if he keeps no accounts A navigator who should attempt to far out of his course, and many a busi sooner or later, to step down from hi position as master, and assume again there anything in the nature of agri culture that will prevent a farmer sues a similar course? If there is,

proper season of the year to open the duct of the stock, including poultry small quantities to be exposed to the vestigating the mysteries hidden in a

ed. And we believe further, that this put it as once into a productive con- cian, whilst the changes would convince even the most skepti- dition. Two different soils of oppo- honey undergoes eal, that the farmer's life, even as a site character, as a stiff clay and slid- equal

particular way, an accurate account value. of profit and loss having been kept, if dicate the proper change to be made. his losses are greater than his gains,

The Prosperous Farmer's Creed.

We believe in small farms and

That the soil loves to eat as well as

In crops which leave land better

is a spirit of industry, enterprise and gypsum and guano will be of little In good fences, goodhouses, good clay or sandy loam.

gather the fruit; In a clean kitchen, a neat wife in it.

tools and to keep them in order .- - Cor. Country Gentleman.

An Easy Way with a Vicious Horse.

A beautiful and high spirited horse would never allow a shoe to be put on feet, without a resort to every species of power and means to control him tempt to shoe the horse recently, he rather late in the season; also that resisted all efforts, kicked every thing, even an anvil, and came fore planting, had dried up more or was his only defect; in all other rewas on the eve of consigning him to the plough, where he might work season; while the small seed, not from Mexico, who was passing, and tion and growth so that the crop from stantly the horse obeyed, perfectly

as a trained dog; suffering his feet to

simple string thus tied made him at

practiced in Mexico and South Ame-

Common Sense Ploughing the soil is shallow the gradual deepen- was planted, and on those ments. The result of one years' trial and spring, or in summer fallow; nor would be undiscovered. we believe would be so satisfactory, even then except when such fertil- tion of the cell has long been a cele-

dent in loose and leachy soils.

which tends to consolidate the land. As a rule those crops are the most productive which are ploughed the oftenest. Caution must be used, howploughing of corn, when a surface. has been used as human food for gen-

orchards, and children enough to land as for corn, fitted in the nicest or chives beans require one and one eighth weed and dandelions in a vessel That to ask a man's advice is not bushels seed per acre; mediums three- which is fourths of a bushel; pea beans one. Stones that have been heated in the half bushel; kidney or other large fire are then thrown in, and when they have imparted their surplus heat beans, more, in proportion to size. A to the water they are taken out and measuring six inches in diameter Several terms for milk-pails are what they want, and in a short time only to add that all kinds of stock Shorthorns, 53 lb. 10 oz; Herefords, and is pretty sure to lead to good fair crop is twenty bushels per acre. replaced by hotter ones, until the

Experience with Seed Potatoes.

"As potatoes have some years been quite scarce and dear. I have planted small ones, and the result convinced me that all the widely varied experiience in the matter reported by different farmers was owing more to other circumstances than to the size of the ex- me that his crop from small potatoes

grow and yielded best, I almost invariably find that when he planted it was a very hot, dry time, generally against his large potatoes, cut a few days benear killing himself against that, and less, and were put into dry ground, was finally taken back unshod. This and if dry weather continued there would not be vitality enough left in spects he was gentle and docile, and the cut seed to overcome all these especially in harness, But this defect adverse conditions, but the growth would be materially checked for the being out, retained its moisture, and warm soil favored speedy germinathe following simple process: He that when all the conditions for both are equally favorable, the cut seed from large potatoes yields 8 to 10 per cent. better than small ones planted potatoes too thick and too many in a down and the cord in its hill, thinking they are so small and cheap he will use enough of them. correctly on the growth they will make will plant them as far apart as he a hill. The result will be the latter tatoes. with perhaps twice as many little ones as from large seed while thus furnished this exceedingly simtoes. So the product in either

> it will answer occasionally to plant do it I am particular to get such as were well ripened, and only use the mark the part of the field they are planted in, and be sure at digging

case would seem to be largely de-

pendent on management.

Soils appropriated to garden and candies, as the saying is, and ultihorticultural purposes are often deep- mately becomes a solid lump of sugar admonished that he must change his inches with benefit, and those for change was due to a photographic methods, and he will find that the ac- general-tillage crop to about twenty action; that the same agent which count he has kept will generally in- inches with decided advantage. But alters the molecular arrangement on whatever is the depth of the soil the the iodine of silver on the excited plough ought to turn up the entire collodian plate, and determines the until he is stranded, or if aware that beyond it should be thoroughly crystals in a bottle, causes the syrup broken up by the sub-soil plough an honey to assume a crystaline form. such a change as will give more favor- hard earth below the reach of the ibler has enclosed honey in stoppered able results. We believe in farming ordinary plough has been loosened. flasks, some of which he has kept in for profit, and when figures show that This permits the escape of the water perfect darkness; while others have in pursuing a particular line of farm which falls on the surface, the circu- been exposed to the light. The in lation of air and a more extended variable results have been that the there must be a change, but such a range for the roots of the plants. by sunned portion rapidly crystallized. change, should be intelligently made. which they procure additional nourish- while that kept in the dark had re-The farm ledger will show what par- ment and secure the crop against mained perfectly liquid. We now full bearing for six years, and produces ticular enterprises have resulted in loss drought. The benefits of sub-soil see why bees work in perfect dark. and what in gain, and the changes can ploughing most apparent in an im- ness, and why they are so careful to pervious clay sub-soil and least evi- obscure the glass windows which are sometimes placed in the hives. The On low or strong land the exper- existence of their young depends on ienced farmer prefers to see the fur- the liquidity of saccharine food prerow left on edge exposed to the sented to them; and if light were action of air and harrow. Sandy or allowed access to the syrup it would dry soil requires flat ploughing, gradually acquire a more or less solid consistency; it would seal up

> erations by the Indians of the plains. The Digger Indians of California eat it raw, and also cook it by placing a

the cells, and in all probability prove

source of profit, is greatly to be pre- ing sand, sometimes occupy the rela- Every ferred over all others, and more estion of surface and sub-soil to each fresh of the other concomitant advantages. and subjected to cultivation they will a trace of solid sugar in it. Upon After a fair trial of farming in a produce a soil of greatly increased straining, however, it

That every farm should own a good ever, especially after the second That the best fertilizer of any soil

Hoetry.

MY MOTHER'S VOICE

apples in prolific fruit seasons make In countries where olive oil

cocking. A tree bearing good fruit it not for the demands of English occupies no more ground and requires travelers. Pliny speaks highly of no more care than one whose product butter as food for infants, especially in work up into cider, and we always of butyrum, but in nearly every in-

Oats make good food only care should be taken not to feed too liberally. Unthreshed oats fed occasionally instead of hav, are greatly relished by sheep, and they will do all the better for the change, at any time, but this feed is not likely to be found in many barns at this

season of the year, unless saved for Nothing is gained by ploughing before the land is in a suitable condition of dryness. Light, porous or gravelly tentive soils are greatly damaged by being moved while still wet. If such lands are thoroughly underdrained, the tendency of heaviness or dhersiveness will be, to a great worked much earlier in the season. Until they can be drained, it is a good plan to plow such lands in the fall when the frost of winter will so pulthe spring, than when left for spring

Butter and Cream.

feeling of curiosity, the above ques-

between plants produced from good, sometimes have stood long enough for consequently grow much fester. of producing a good result, from the been shaken until particles of butter were formed, and, if formed, noticed.

or than it was around the tree before prepares a posset in the tent of Nestor fine hay they will eat. This is excel- run tha risk of another crop of weeds it was transplanted. If the top is too for the wounded Machaon, and scrapes lent treatment as far as it goes but it this year. Don't hurry about letting heavy, either part of it should be cut or shreds into it goat's cheese with a is wholly inadequate. Either the the cattle out upon the grass this bronze knife. Homer mentions a ewes must be liberally fed with fine month. You will gain nothing by it. the winds by tying the trunk to a northern race of "milkers of mares." stake driven firmly into the ground Virgil improves on this, and speaks of duce a large [secretion of milk, and grass is poisonous to stock, which

out along the road at proper intervals, more familiar goats' cheese. It is and surest means are those which make more than usual effort to avoid the animals of different breeds exhibit- clean conscience; to the distance of about twenty rods. questioned whether the word translat- deal directly with the lambs. When it

already been cut, it should now be language for churn. attended to; though if the grafting is The Indian ghee is butter made from go but which the lambs can enter or great importance, as animals that done before the buds start, it will not buffalo's milk. It is said to be very make so much difference. The pro- rank and nasty to the taste. Probab-

duction of first quality fruit is not yet | ly a great reason why butter there are still comparatively few trees not keep; it melted in hot weather;

themselves, for apples for their pur- ful whether the Italians and Spaniards oats will be useful, though they are pose and not essentially improved by would make much use of either were not as fattening as meal. is nearly or quite worthless, except to teething. He makes frequent mention

is not only better cider but it makes and that all the barbarian as well as Roman infants are smeared with it. At this season sheep and especially Pliny regarded butter as a barbarous the season and that it pays to feed

This will drink-not so good or so cheap as oil for cooking, and very inferior to it as The Farm - Preparations for the nameless and unused may well excite

Fattening Lambs.

and must have been known to them. It the inequality which exists among the spades and the forks must swing with lambs an effort should be made by the a will through the stirring months of quality. Many an acre of corn and time and in some way, accidental or owner to bring the smaller and poorer spring. Look out for good clean seed not have ones up to a high standard of excel- The woods that overwhelmed you last lence, and to secure for the better year, skimming the cream of the proones an equally rapid growth and fit on your crops, will threaten the perfect development. It is not best same inundation this year, but it wil The absence of any word in either that the difference should be obliter not do. Better attempt half as much of the two ancient classical languages ated, but that the poorer ones should ground and do it well, than to suffer Trees may be transplanted as soon to express butter or cream, and the be made so good that they will the weeds to grow and ruin both land as the frost is out of the ground, and fact that no allusion is made to their readily sell, early in the season, for and crops. Make up your mind to it would improve the use till more than half a century after the highest market price, and the that. An acre well tilled and thou make fine ornamental dant mention in classical writings. It is, by good care and proper feeding. a piece that got the better of you last should be made large over but not milk, which was curdled either with made good, and good ones be made seed, sow it with oats or wheat or too deep. As many of the small the juice of figs or with rennet, and still better, but this requires the use millot this spring, plough it up again

even in the importance of planting Probably a good deal of what the the lambs must be fed with meal or grass and lose their appetite for dry trees along the roadsides, neglect to ancients used was little better than oats. The very best way combines fodder, and so, as the grass is not suf do it cause it takes so long for curd-cheese. The nomad Arabs pre. these two methods. The fine hay and ficiently nuitrive to support them at them to grow up, and while they are pare a substance which they call the roots, with a moderte quantity of present, they cease to thrive, and fall waiting and neglecting it, little "kymac," a word meaning scum which meal, will benefit the ewes as well as off rapidly till they can get feed shrubs transplanted by others become is somewhat similar to our "clotted their lambs. Care should be taken enough to run upon in May. Many a respectable trees. Twelve years ago cream." Butter is from butyrum, not to feed too large a quantity of farmer makes this mistake, and thus we transplanted a few meaning cow-cheese, and found only meal as this would tend to fatten injures his grass lands and his stock. sugar maples which were then about in quite late writers, such as Pliny, the sheep rather than increase the This spring will offer unusal temptaan inch in diameter. They were set apparently to distinguish it from the quantity of milk, but the safest tion to this, and we hope you will

fix a pen into which the sheep cannot May: A daily carding now is of leave at any time. In this pen small have been closely housed all winter will be shedding their boats. A few will become fond of the meal and will eat all they can get. Only a little that bear good fruit, and much of that it was not easy to carry about on must be given at first and the quantity outlay. should be gradually increased as the is lambs grow larger and older. Indian cheap pork, and only give the swine abundant, neither cream nor butter is meal is good but oil meal is a great deal

better. If neither of these is at hand,

In raising lambs for the butchers and half cultivate a large surface taught me that the man who makes Higher Education for Farmer' which are ready for market early in

A contributor to a leading agriculwork for April, says : -

"We doubt the expediancy of layto feed the young grass and give it a storing up large legacies for their sons mer for ten cents a pound, and the ficient strength of root to go well

is to be presumed that the plan for opportunity of age is not the only, and in many done. You will not, therefore, need is frequently a great inequality. This got out; the ploughing is to be done than its mate and sometimes is caused many of the vegetables sown or plant. fall, the clover seed ought to be sown

merely keep the lambs in a dry place clean from weeds. It will cost too In the "Iliad" (xi. 638), Hercamed and furnish their dams with all the much too keep it under the hoe, and hay meal, and roots, in order to in- There is an old saying that March Many persons who will a Scythian people who drank mares' the lambs also be fed with nice rouen means, we take it, that if you let cat hay, or, what will be more effective, the out too soon, they get a taste for

found in the writings of the Greeks they may be made to eat meal. The need greater care through this month 52 lb. 121 oz., and Devons, 42 lb."