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To Keep Butter in Summer.

weet as when first made :--

VOL. II.

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

FREDERICTON, N. B., AUGUST 9, 1879.

ANDREW ARCHER, Editor

The Sweedish Turnip.

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Will not some philanthropist open among the educated classes, good

cooking is the exception and not the

a lost art, and the food of the work-

We express this opinion with our pre- of the feathered bipeds the owner is sent knowledge of the trials made in directly interested. It is for the benefit of his pocket to keep them as

healthy and thriving as possible, that ?. As to the contents :-The first thing to be said under this he may get the largest profit out of We were on the point of saying that especially so by asking a question now

kept in mind the convoluences of the in the butter which is not butter - All fowls need space to roam and grower had an eye open all last seakept in mind the conveniences of the country, and not the improved refrigerators of the town and the city:— A majority of summer butter is poor because every condition of good butter making is violated from the prospective cow is dropped time time to the wall down to the prospective cow is dropped time time to the prospective cow is dropped time to the prospective cow is dropped time time to the prospective cow is dropped time

this direction

time the prospective cow is dropped till the last act of packing and stor-till the last act of packing and stor-

ing the butter; and such butter, with ventilated cellar is the common place nooks, and if it can be stocked with the best storage in the world, would of storage on the prarie; and if this grasshoppers and other insects, so be interior. But assuming that the certainty is not enough there is added much the better. If these are not batter is good, the question of summer a taint of cabbage and onions. Driven a taint of cabbage and onions. Driven is to desperation, some resort to hange as well as grain. There should be before us. A writer in the Country ing the butter in a well, a few have grass, and other green food may be Gentleman makes a strong point on good springs. The important item to cultivated for their stuff in their the salting of the butter and the ves- the farmer for butter purposes is a grounds, but they allowed to help sel used in packing. The lady says: deep cellar, not less than twelve feet, themselves. Thus kept and cared for perfection. In the meadow, grass is

Wood or stone makes the best ves- sides of stone and bottom well con- as they should be, they will not only sels for packing butter, but opinions creted. Windows should be arranged yield the most profit, but the most White oak firkins soaked for two days and closed during the day. Such a flesh. - Ex. in sour milk, then washed out and cellar will vary but little in tempera-

according to my mind. If E. R. will to the cellar, a spring house can be pack the butter in such vessels after cheaply constructed near the well, e has worked out every drop of but- and with a wind-pump would be easily the farming interest in Great Britain. for his outlay.

covered with dirt, making it bank ing is an extract :--To every pound of butter add two house, with tile banks for ventilation.

heaping tablespoonfuls of the finest All things considered, the deep, dry dairy salt, the same amount of granu- cellar, well ventilated, is the best for lated white sugar, and a quarter of a butter. LOW RATES teaspoonful of saltpetre, pulverized

Profit and Loss in Poultry. very finely. These ingredients can be mixed together, in this proportion,

+..... soaked one day in strong brine, and ture. Next to the cool, dry cellar in British Agricultural Distress. tuoroughly with salt, are the best, a spring house, and some prefer this

receipt, I can assure him that he can able descent from the wall the spring since, made a speech at a meeting is so much taken from his crop, irre- a first principle that a farmer may of the greatest specific gravity. well-prepared land. Corn may be

its growth in the same ground, the particular plant we wish to carry to the crop, and every other plant or

Weed Killing

Very few excel in this art. It is

My experience of farming goes -to slice off the tiny seedlings with maintain twenty common-bred cows wide and the plants set out 14 inches Extra time spent sn working the soil back to the period before free trade. a sharp blade, or scratch them out and will maintain twenty well-bred ones, in the rows, as a rule we have grown before brilling in the corn, will be I have had a constant direct interest expose their roots to sun and wind and the annual profit from the latter the heaviest weights per acre and well reprid the extra crop.

owner and cultivator, and have experi- In gardens where the soil has been the former. It is, in fact, a dead loss 20 inches between the rows and nine enced all its vicissitudes. We have raked very fine and made very smooth, to keep common, weedy animals in inches from plant to plant. These are Poultry is a source of profit or loss, had bad seasons before, and low a thin blade pushed or drawn through the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the more common distances where the place of good ones; and the sum the place of good ones; and the sum the place of good ones; and th be mixed together, in this properties, in this properties, and the same loss of capi-in large, wide-mouthed bottles, and in large, wide-mouthed bottles, and this respect the business of poultry is a source of pront or loss, and the same loss of capi-the fine soil just below the surface is the easiest and most rapid and most the easiest and most rapid and most rapid and most rapid and most the roofit which the two kinds res-tage of this method is that the narrow course destroys some of the roots, done its work, add the mixture, and raising does not differ from other prices that we are really suffering. completely effectual destroyer of the poetively give to their owners. As space between the rows prevents the turn the crank in reversed order for kinds of business. More depends If we compare the average prices of weeds and opener of the crust. But this difference is a serious one, lat us practice of grubbing or deep stirring four or five minutes. The butter is upon the manager than on the breeds the first five years of free trade with when the surface has been left lumpy, see in what it consists. The is a fact, from being so successfully carried thus salted without touching the fin-of fowls selected. There is difference in breads some being more profitable find that wheet has risen 15 per cent and perhaps quality are sacrificed to a few weeks earliness; but many are gers to it, and the housewife needs only to lift it out with a butter pad-dle and pack it tightly in a firkin, or poses; but all breeds have their good and lean stock in a considerably. These brinds are considerably to be and lean stock in a considerably. These brinds are considerably to be and lean stock in a considerably. These brinds are considerably to be and lean stock in a considerably.

It is what makes or mars the profit Hubback, for thirty guineas, and from in gardening. The result of the gar- him the ball took the name which has cookery schools in Canada? Although become so famous in Shorthorn his- there are, of course, many good cooks more than any other the creterion of learned by any farmer who reads, and tory

a good cultivator of fields or gardens. Mr. R. Colling never appreciated poor butter, as far as produced by storage, is from the *Farmer's Advo* The following article on keeping head is that butter to keep must be them. He must give them plenty of the month of May is the time for bepoor butter, as far as produced by storage, is from the milking to the packing—and nothing but butter. It is well under-cate. The writer says that he has

in the value of any technical journal.

weed uncleanliness, put on as mulch is none more important than the proweed uncleantiness, put on as mulch or protection, to treat the crop by-and by as the Saxons did the Britons Any vegetable is a weed that robs, by the health of his family.—*Prairie* deep stirring increases the absorptive initiate the work. Farmer.

Dairy Cattle,

power of the soil, and when efficiently GREEN FODDER TO HELP PASTURE .conducted is the best known means If dairymen have neglected to put of preventing mildew in the swede in oats rnd peas to feed green to help crop. This system of deep stirring

between the rows is more difficult to out short pasture, there is still time differ as to which exceeds the other. to give good ventilation, open at night palatable and nourishing eggs and rest to give good ventilation, open at night palatable and nourishing eggs and rest to give good ventilation, open at night palatable and nourishing eggs and rest to give good ventilation, open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and nourishing eggs and rest to give good ventilation open at night palatable and to give good ventilation open at night palatable and to give good ventilation open at night palatable an comes a weed, to be exterpated to the selecting and breeding his dairy the flat. The root crop is of vast im- soils that are fine. These are fine last blade. Dry weather, so unwel- stock. Some men possess this skill portance to the stock farmer; quantity seeds, and do not grow remunerative come in the growing season, has the in a high degree intuitively; others and quality are both essential condi- crops on stiff, lumpy soils. On soils great merit of aiding the farmer ef- acquire it by careful observation and tions. The great aim of the practical adapted tp millet and Hungarian very Very much has been said lately in fectively in this heavy, weary work, long-coutinued experience; others, man should be to grow a heavy large crops of excellent food may be parliament agricultural papers, and which he needs must do, and do again, never can or do attain it; but weight per acre of roots of high raised-ten to twelve tons per acreelsewhere, concerning the distress of promptly, if he hopes to have return however, it may come into a man's nutritive value rather than strive to which will produce an excellent termilk, and salted by the following operated. Where there is consider-receipt, I can assure him that he can able descent from the wall the spring

regarding it, from which the follow. coverably for that season. This makes just as well have a good class of stock Although we have grown 22 tons of grown upon almost any soil, not too it so important to stop the beginnings as a poor one. The land that will swedes per acre on ridges 27 inches wet, in good condition and fine tilth.

ROOT PRUNING .- Root pruning of tomato plants is recommended to inand after they are put into their final resting place. In this, of course, size

> ing to secure an early ripening of fruit would do well to practice this

> system of root pruning upon a por-

bush is a weed. But in the grain field

in it since that time, both as a land- just as soon as they show themselves. will be considerably more than from the best quality of roots at 18 to

Few things contribute more to

dle and pack it tightly in a firkin, or poses; but all breeds have their good and lean stock in a considerably These break the clods and scatter the given quantity and quality of food; they have become ripe. else form it into tastefully stamped and bad qualities, and all are suscepti- greater proportion. The price uur- mould and weeds in all directions, and it is no less true that they will cakes already for the table. The ble of profitable management. No ing the last year has fallen more like foam before a boat. It is now yield more beef under like conditions. sugar is quite as essential for the pre- breed, however, need be expected to from a diminished consumption in that the aid of dry weather is so valu- This superiority consists in the great-Green Food and Grass.

servation of butter as the curing of yield profit or satisfaction if not pro- the great centres of industry than able. Many weeds grow quite readily er ability of the one than the other Fowls cannot get along well on tion of their plants. Tomato plants from excessive importation. We are from pieces, and a weed broken into to convert the food she eats into milk grain food alone, and must in both produce better and have more evenly sugar cured hams are the finest in the sugar cured hams are the finest in the market. The sail betre can be omitted by concernent the concernent the suffering not more than other trades three or four cuttings becomes market. The saitpetre can be omitted by amsteur poultry raisers, and by in this country and on the Continent, if the butter is not desired for winter some urofessionals. Now and then if the butter is not desired for winter some professionals Now and then where the complaints of the agricul- soil is moist and the air humid. In both departments. It does not matter succulent food, or ere long they will the vines from the ground.

one may be guilty of both mistakes, tural interest both in Germany and this regard our climate gives us a what kind and quantity of food you become diseased or sickly, when the C. C. Bull, of Rock Falls, Wis., at but the great majority, whether they France are at least as great as ours. great advantage over the famous give to some cows, they will neither atic indeed. Many a time have we the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the question : the last meeting of the Illinois State Dairymen's Association, discussed the the state of the obliged to rake and pick weeds the nobliged to rake and pick weeds the famous great advantage over the famous the famous great advantage over the famous the obliged to rake and pick weeds the famous the hens, are either too closely confined armaments all over Europe, and this out of the soil and carry them off to be healthy and usolific on are Can Summer butter be so handled to be healthy and prolific, or are co-existent with an unprecedented prevent their taking root again-an mal as with a steam-boiler-the more into neat houses and yards, give them carlessness. Trees are allowed to and packed that it will retain its fresh-given too free range, expending their run of bad seasons. In the last eight enormous job, yet often unavoidable.— the more into near touses and yards, give too free range, expending their run of bad seasons. In the last eight enormous job, yet often unavoidable.— the more into near touses and yards, give too free range, expending their run of bad seasons. In the last eight enormous job, yet often unavoidable.— the food plenty of corn, wheat, oats, etc., grow as they please, producing, in man as with a steam-boiler the combastion of the food plenty of corn, wheat, oats, etc., grow as they please and have beads as to

energies in rambling and making years there has been only one really N. Y. Tribune. Whether butter can be thus pre- nuisances of themselves. In the lat- time harvest. The great tide of prosserved so as to be good, sweet, old ter case they may be health, but will perity which accompanied the fine butter, without rancidity or bad flavor, not do as well as if kept within rea harvests of 1868, 1869, and 1870 caris a question which we believe can be sonable bounds and made to acquire ried us without much hardship over is a question which we delive can be sonable bounds and made to acquire ried us without much hardship over the three following years of dimished production to the fine crop of 1874, the only really good crop we have had since 1870. The three years is a to the place of storage:— Most farmers give too free a range following 1874 were all bud and the onter 1874. The sonable constructed up to it: it is a mere question of skill in breeding on the one part, and of constructed up to it: it is a mere question of skill in breeding on the one part, and of constructed up to it: it is a mere question of skill in breeding on the one part, and of constructed up to it: it is a mere question of skill in breeding on the one part, and of constructed up to it: it is a mere question of skill in breeding on the one part, and of constructed up to it: it is a mere question of skill in breeding on the one part, and of construction on the one part i of . Dairy for them, and they will show you how wild fowls.

1. As to the place of storage:— The first requirement is that it must be a cool place. A cellar or other They may have a miser-They may have a mis be a cool place. A cellar or other apartment, the temperature of which able place to roost in, summer and be a cool place. A cellar or other able place to roost in, summer and be a cool place. Nor is the prospect of the able place to roost in, summer and be a cool place. Nor is the prospect of the and yards. This has given rise to rises above 60 degrees Fahrenheit, we winter, and from this fact suffer dur-coming crop either here or in Europe the saying that "all the leaks in the The following account of the famous

show a temperature of or the day inter owners by taking to the appre-grees. A deep cellar protected from the hot rays of the sun and remaining inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the daytime they roam fancy free, inter owners by taking to the appre-the bull Hubback, regarded in his cabbage each day. Tie it by the roats to some convenient place, and original lands in the world. Great uniformly below the temperature of often making serious depredations in were all we might trust, with a re-the degrees, sweet and properly ver-the garden, hiding their nexts under their nexts under the to a tank or to day by Mr. Bates and many other a tight-bottomed pond in the pard, breeders of note as the great regener-the fowls will soon pick every piece Private has about 35 000,000 sheep, or the fences and bushes, and generally and in any case we must treat our bushes, and generally and in any case we must treat our bushes and in any case we must treat our bushes and generally and in any case we must treat our bushes and generally and in any case we must treat our bushes and generally and in any case we must treat our bushes and generally and in any case we must treat our bushes and generally bushes and generally and in any case we must treat our bushes and generally bushes wery best places of storage for butter. The package in the foundations and numerificable as possible in the part of the part

winter, even, butter expessed to the stratching and longing at large in air will become bad; in Summer, they have but a small amount will occur in much less time. The perfect butter package, therefore, will be air and water tight. The butter only upprofitable, but too often be butter. No long kept butter can be improve rather than degenerate, and those interested in land.

oak firkin. Property prepared by in close, unventilated rooms, affords

and is so accepted by the trade. Now sweet quarters to stay in over night have extended the time until Sept. 6, if not sooner removed by special or. if the garden, a can with a flat spout of the garden, a can with a flat spout of the garden, a can with a flat spout of the garden and his blood in flat. As a sire ne itely sweeter and more delicate in feasible, on account of the small size of the garden, a can with a flat spout of the garden and his blood in flat. As a sire ne itely sweeter and more delicate in feasible, on account of the small size of the garden, a can with a flat spout of the garden and his blood in flat. As a sire ne itely sweeter and more delicate in feasible, on account of the garden, a can with a flat spout of the garden and his blood in flat. As a sire ne itely sweeter and more delicate in feasible, on account of the small size of the garden and his blood in flat. As a sire ne itely sweeter and more delicate in feasible, on account of the garden, a can with a flat spout for east for e things considered, for accomplishing of higher animal life. The fact that of Shorthorns at the late Chicago pouring place is added, will be speedy "Had it not been for the bull Hubthe end desired, than the old style human beings are crowded together sale in a "bad fix."-Prairie Farmer. and efficient.

Liquid Manure for Gardening,

manure of animals is more valuable boilers can be constructed up to it : it grass for a flock of fowls. If sods many poor ones.

do not believe will keep butter well under any conditions. Most cellars show a temperature of 65 to 70 de-their owners by taking to the apple their owners by taking to the apple the saying that "all the leaks in the stable are not in the roof." The oblic transformed the the term of the taking the the saying that "all the leaks in the stable are not in the roof." The in building a stable to provide drain-nal:-indeed.

2. The package : -Butter, to remain sweet, no matter bet the temperature must be pre-they consume all their vital energies. The package is not work and and saturate the soil beneath. Once the baser re-sold the calf that afterwards became the famous bull to a black-they consume all their vital energies. The package is not very expensive; for they consume all their vital energies. The package is not very expensive; for they consume all their vital energies. The context of transport what the temperature, must be pre-served from contact with air. In mid-winter, even, butter exposed to the scratching and foraging at large in sin will become bad; in Summer, they have but a small amount.

must be immersed (surrounded) by comes a nuisance at home, and a pest awaiting us from this cause, to which eultivate an acre of thoroughly enwery strong, pure brine—or possibly, as some recommend, by strong brine with a little saltpetre and refined su-gar added. It matters little what the shape, size or material of the package

gar added. It matters little what the shape, size or material of the package is provided this object is attained. As it was intimated at the beginning of this paper, butter can only remain sweet, and must be expected to lose a butter. No long kept butter can be be expected to remain in the class of watered on either side as the team red and white, and he was called "the are make by the thrifty farmers of the clover seed to the acre, along with expected to remain in the class of be a souce of pleasure and profit in-fancy butter. A fancy or expensive stead of loss. package, therefore, is hardly in place It is an almost fatal mistake to keep clined to remove the prohibition to confined number of this grade unless fowls in too confined number of the prohibition to confined num in handling butter of this grade unless it is really better than a cheaper one, it is

acceptable to the trade in butter, all conditions are demanded by all kinds ders. This leaves Canadian buyers or even large buckets to which a flat the very highest estimation, says that ful root for cattle and human kind.

. 9

back and his descendents the old valu- The Southern Planter says the leaves to make one pound of mutton, when Gardeners well know the value of able breed of Shorthorns would have of mullen scattered among the corn in the turnips are fed in sheds under oak firkin. Properly prepared by in close, unventilated rooms, affords soaking in hot brine, afterwards in no valid reason why affinals or fowls A restles and wild expression of manure, and especially of liquid masoaking in hot brine, afterwards in no valid reason why animals of fowls A restles and wild expression of manure, and especially of liquid ma-cold, and handled in the approved should be uncomfortably crowded. the eye of an animal indicates a pre-nure. They spare no pains or prize to ought to have been put into the Herd from the ravages of rats, and that due the same quantity. Here is methods, we consider it quite as re- In the case of the human bipeds, no dominance of nervous action and an get all they can, and often apply from Book that did not trace to this bull. corn soaked in a solution of sulphate another argument in favor of shelter liable as any other, and decidedly one may be interested in the profit to unquiet disposition that is not com- twenty to forty loads of compost or When he was ten years old Mr. C. of iron (copperas) previous to plant- for domestic animals.-American

Vick says that in the majority of or fuel it gets, the more satisfactory watering them regularly, but never many cases, such dense heads as to will be the result, because there is less waste. And animals can be bred It is well known that the liquid up to this just as surely as steam- indeed, which cannot afford enough ducing a few specimens and a great

with evident relish. The labor neces. red clover at beginning of flower is fowls derive therefrom are very great tained 55.43 per cent. of nutritive matter, while the same cut in full If you do not care to give your flower contained 46.07 per cent.

A writer in the Country Gentleman remarks that in his experience, whatever mode is adopted for de-

It has been found in England, from repeated trials, that it takes 100 lbs of turnips are fed in sheds Payable in advance. In a decidedly one may be interested in the profit to unquet disposition that is not composed manure per acre annually Colling sold him to a man named ing will not be troubled with moles. Cultivator.