ANDREW LIPSETT,

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Agriculture.

the farmer's library as such—it re-lates entirely to those technical weather. Good hay and roots, withthe Maine Farmer on Saturday last works which pertain wholly to the out meal, often give excellent results. the Maine Farmer on Saturday last completed another volume. The branches. And it must be understood of cows is a decided improvement. editor says, fifty-two weeks span- that a course of agricultural reading Plenty of good water is an importning the circle of the four seasons and or study will depend much upon the ning the circle of the four seasons and stretching from winter over the spring and through the long summer days are farming which he designs to follow. are unsurpassed in the record of work But like a university education, the little water or else the quality of the and events for a year; and the combeginnings of each course will be
ginnings of each course will be
essentially alike; afterwards the
farmer can elect which branch he will
more than the come of the forty-five volumus which

are able to purchase all the books set of manures, French's Farm Drainage, cows and to the quality of the butter hyde's Lowell Institute Lectures on which can be made from their milk. that American agricultural papers more interesting and useful than British, and if he wishes to take in one or two journals, he might subscribe for the Maine Farmer, American agricultural papers more interesting and useful than British, and if he wishes to take in one or two journals, he might subscribe for the Maine Farmer, American agricultural papers culture, Henderson's Practical Flori this purpose. A cloth has also been in a condition which enable them to would be raised 2°; if of equal quanforms and enriching the soil. It is a fact, that sheep supscribed ward off the attacks of such enemies. He has only to think of his own complete with a regularly given ration of the soil. It is a fact, that sheep supscribed with a regularly given ration of the soil of the milk was being raised 1° feed the sheep and we must do this if this purpose. A cloth has also been we would turn our flock into vehicles the walls of the hoof are brought inward until they press against the sharp edges of the coffin or base bone of the foot, so that the would be raised 2°; if of equal quanforms and the farmer should keep his animals in a condition which enable them to would be raised 2°; if of equal quanforms and the farmer should keep his animals in a condition which enable them to would be raised 2°; if of equal quanforms are resisted by the heatiny individual, and the farmer should keep his animals in a condition which enable them to would be raised 2°; if of equal quanforms are resisted by the heatiny individual, and the farmer should keep his animals in a condition which enable them to would be raised 2°; if of equal quanforms are resisted by the heatiny individual, and the farmer should keep his animals in a condition which enable them to would be raised 1° and the farmer should keep his animals in a condition w

great opportunity of acquiring infor the time of active out-door work, if he culture and rural economy, amounting in the whole to a vastlibrary. Indeed, so abundant are these that there is real need of an agricultural bibliography for the use of our students, colleges and intelligent farmers generated.

I do not think it possible, with the colleges and intelligent farmers generated by the colleges and intelligent farmer colleges and intelligent farmers generally. Moreover, they are so cheap as to be quite readily obtained, and the butter which is may be to him a means of culture and put up in an attent may be to him a means of culture and put up in an attent may be to him a means of culture and put up in an attent may be to him a means of culture and put up in an attent to apply it.

A Successor to farm of series is perhaps the best time to apply it.

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A successor to farm of the passes in which there are not sent large quantities of Canadian cattle and sheep for Liverpool. The latest signed for destroying potatoe beetward put up in an attent to apply it.

A successor to farm of the passes in which there are not sent large quantities of Canadian cattle designed for destroying potatoe beetward put up in an attent to apply it.

A successor to farm one to three dollars per fully followed, the butter which is and sheep for Liverpool. The latest shipment announced is a flock of and pasture lands. A meadow sown farm profitably one must think correctly: and correct thought comes

Auciculturist.

A WEEKLY JOURNAL DEVOTED TO AGRICULTURE, LITERATURE, AND NEWS.

ANDREW LIPSETT, Publisher.

no reference to books which should in point of quality to the average of

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

ANDREW ARCHER, Editor

VOL. 1.

FREDERICTON, N. B., NOVEMBER 30, 1878.

Some Things about Milk.

NO. 34.

been inserted.

Keep the Animals Warm.

est assistance to them, This list has winter butter which is fully equal, form the basis of, or be found in that which is made during warm The first blast of wind from the ticular reference to that subject in they are quite thirsty, rather than go

carnival time to the reading, thinking farmer. It is his real university season, his period of study and his Practical Butter Book.

Arnold's American Dairying, Willard's creamery is provided, there will not be much trouble. But if there are no in regard in regard in regard in regard in regard. be much trouble. But if there are no It is unnecessary to go into details same fact true, that it takes longer to grain. In addition, the fleece made the foot itself. greater conveniences than are found in regard to the building of sheds, cool down the milk whose specific growth, a large proportion of the ewes Q. What makes the sole of the foot be made to secure better accomoda. for sheltering stock in winter, as every cream whose specific heat is 0.78, and stronger and were better supplied with

A. Because it has no proper support the trees they should be spread over reads one or two weekly papers, a monthly or so, and keeps run of the markets, he does well; but with the shoet hat is nailed around or within reach suitable for such the whole land. But where are the the droppings of these sheep must be markets, he does well; but with the shoet hat is nailed around or within reach suitable for such the whole land. But where are the the droppings of these sheep must be made to secure better accomodation. If the milk is placed where it the water instead of milk. We have been without ashes to come from in this region? markets, he does well; but with the outer at an, can, under certain favor- will soon freeze, it will be dimetric. The whole weight of water were have been richer in fertilizing value wall of foot. The whole weight of we have little or no wood, and of mental improvement; a very good grade of that material. or large quantity of butter. If it is parent to all breeders of animals that attempted to be cooled instead of than those of poorly fed sheep. The course little or no ashes. In our exand he will be a better and more successful farmer in the season to come.

But to make butter at all seasons, placed in a room devoted in part to cossful farmer in the season to come. cessful farmer in the season to come, if he improves the time they give him in acquiring useful knowledge perin acquiring useful knowledge perstances, and have it uniformly good,

But to make butter at all seasons, placed in a room devoted in part to other purposes, the best results cannot tection is required. Out on the plains do ther purposes, the best results cannot to come, and little by little is often useful knowledge pertrees of every kind that we have culwest it is often asserted that sheep following physical law:

Different taining to his business. Formerly it requires no small amount of both a room in which food is also kept, the be thought a farmer had no care and skill. The fact that she can difficulty will be very great, as milk need no profection in winter, and it is bodies require different amonuts of heat given. Instances of the successful walls of the hoof, and the entire can be applied pretty much to everyneed of books, no call for learning or knowledge. A virgin soil yielded make good butter in June, when the readily absorbs odors and is easily better without it than with it; but the learning or knowledge. knowledge. A virgin soil yielded good returns to the industrious man, and few questions of science eame beand few questions of science eame befarmer's mind and the crops and the weather favorable, is no great butter making is carried on. If this tion and diseases plainly show that all gravities of the globules and the fluid use, that it has become a general belief A. By putting a gentle but steady he raised. But now the conditions are different. In almost every branch of husbandry the greatest success thing of course, and it is very desir
room will be the next best thing to a cannot be had a tight closet in a warm this talk of mildness of climate is an portion of the milk must be changed with their changes in temperature, of husbandry the greatest success comes from intelligent labor, and able that the farmer's wife should be portable creamery, which is the very artificial shelter or more food than more of milk must result in at first science and enlightened practise are able to make good butter at that best thing which has been devised, artificial shelter or more food than mass of milk must result in at first constantly yielding their aid to the time, but the fact that she can do it As soon as drawn from the cow, milk can be obtained on the range in these increasing the levity of the globules. man who seeks their council and asgives her no claim for superiority. should be taken to the house. If it is favorable localities, but they would and to increase the density of the fluid Multitudes of other women can do allowed to stand in the stables, even certainly do better with added com- portions, and that this condition of

to young farmers who wish to pursue of dition of a few roots a day is made to gum sugar and fat, with 20,250 pounds 000,000 seeds, being nearly four times in the process of manufacture; and, improves and increases the value of

north is a reminder that animals, how- milk which may be stated as certainly

or the select lists which it gives. The Domestic Animals in Health and Dis-stables should be used and the are liable to take cold when exposed when cold water surrounds a can of ment than any animal, except a fowl. young farmer should join with the study of good books, the perused of vier Mayhew's Horse Doctor, Thompstudy of good books, the perused of vier Mayhew's Horse Doctor, Thompstudy washed before the should be carefully washed agricultural journals, of course he son's Food of Animals.

Should be carefully washed before the washing is composes, and is at once effective as a pressure its formation requires.

Course in Fruit Growing and Gar
To make our flock therity.

On is a contracted foot painting the state of the washing is contracted foot painting the state of the washing is contracted foot painting. should read the Agriculturist which dening: Downing's Fruits and Fruit Growing and Gardening: Downing's Fruits and Fruit attempted, it should be done thorough. It is same time. If the water were fertilizer. To make our flock thrifty Q. Is a contracted foot painful? contains select matter from the best Trees of America, Thomas' Fruit Cul ly. The use of only a little water for agricultural papers. We believe that turist, Field's Pear Culture, Fuller's Small Fruit this purpose will be worse than noththe New Brunswick farmer will find Grape Culturist, Fuller's Small. Fruit ing. Five hay is sometimes used for that American agricultural papers A cloth have also been and the farmer should keep his animals, in temperature, the oil of the milk was being raised 1° feed the sheep and we must do this if the harderson's Practical Flaring the papers.

ables, or other kinds of structures

has progress been more marked than system in which the cooling applica-

Value of Sheep as Manure Maker.

There are a few facts concerning Pasture alone is not sufficient to ever tough and hardy, need shelter in known. The first we shall refer to maintain sheep in profitable thrift, support the tendons and the leg. winter. It will take less food to keep is, that milk is composed of fluid con- especially in the approaching breedfarm stock over winter in warm stable stituents and organic globules, and ing season; in addition, a daily ration this? than when exposed to severe cold. Of that these vary in different samples of grain is needed. When the pasture A. In order to do this they must course, good wood, stone or brick of milk, often so much so as to give a is poor, the quantity of grain should barns and stables are expensive, and character which can be distinctly be liberal. With good pastures, a pint horse upon it, and also have the nathere are many farmers, especially in recognized and requires distinct of mixed corn and oats, rye and buck-tural packing that the earth furnishes the recently settled district, who have treatment. Second, that the specific wheat, is little enough with poor pas- of soft material, such as earth, dust, not the means to build such structures, heat of the globules and the fluid pornot the means to build such structures, best of the globules and the nuit porout there is no one too poor to furnish tions differ, so that the action of quired to keep full grown sheep or the navicular bone, which bone receivthat though the remedies applied aid of the forty-five volumus which have precede it. Forty six is a vigorous, and we hope that the Maine Farmer has a long useful and prosper ous life still be: re it.

Ithe navieure of the forty-five volumus which have precede it. Forty six is a vigorous, and we hope that the Maine for fruit growing, or the raising of horses, or sheep husbandry—he will of course need to study up with particular references to that the variance of the forty-five volumus which have preceded in the cows do not get it on account of the some kind of a shelter for their needection or increase of temperature acts differently on milk than on a build what he desires, let him do the homogeneous fluid. The albuminous sheep on poor pastures, a half pint beone that the ware onite thirty retheather and the forty-five volumus which it must be the cows do not get it on account of the inconvenience with which it must be build what he desires, let him do the homogeneous fluid. The albuminous sheep on poor pastures, a half pint beone that the fatty portions are contained in the cows do not get it on account of the inconvenience with which it must be build what he desires, let him do the homogeneous fluid. The albuminous sheep on poor pastures, a half pint beone that the cows do not get it on account of the inconvenience with which it must be build what he desires, let him do the homogeneous fluid. The albuminous sheep on poor pastures, a half pint beone the convenience with which it must be build what he desires, let him do the homogeneous fluid. The albuminous sheep on poor pastures, a half pint beone the convenience with which it must be build what he desires, let him do the homogeneous fluid. The albuminous sheep on poor pastures, a half pint beone the convenience with which it must be build what he desires, let him do the homogeneous fluid. The albuminous sheep on poor pastures, a half pint beone the convenience with which it must be acts differently on milk than on a build what he desires, let him do the had on a standard to a section of the some kind of a shelter for their reduction or increase of temperature growing lambs in proper condition. es its sole support by the pressure of may kill the lice, they do not affect build what he desires, let him do the homogeneous fluid. The albuminous coming into great favor for feeding Q. There are two frogs, are there which will furnish shelter even if it is the fatty portions are contained in ing fed to each one daily. It is a A. Yes; the outside and inside ticular reference to that subject in they are quite thirsty, rather than go which he is most interested and into the field in extremely cold and nothing better than a shed with sod these globules. According to Fleiseh. nutritious food, and makes an unexinto the field in extremely cold and nothing better than a shed with sod these globules. According to Fleiseh. Interested and into the field in extremely cold and over which he is most interested and into the field in extremely cold and which he designs to make the busi- rough weather for the purpose of walls, and a root of brush or corn- mann, the average specific heat of ceptionably rich manure; and the although the sensitive is only the body. We will mention two We copy a very excellent article on a course of reading for young farm.

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Tough weather for the purpose of stalks. All attempts at elegance or milk is 0.847, while that of cream is deterior portion of the insensitive.

The purpose of stalks. All attempts at elegance or milk is 0.847, while that of cream is deterior portion of the insensitive.

The purpose of general agricultural reading for young farm.

The purpose of general agricultural reading for young farm. "a course of reading for young farmor "a course of reading for young farmor "from the Mainc Farmer which
young farmers would do well to pause

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"a course of reading for young farmor "from the Mainc Farmer which
the weaker cows cannot always have
light; still, it is economy to keep all
farm stock sheltered from cold, wind

"a course of reading for young farmof milk about 33° F. Let us see
what this means. Many years ago it
food changed by the process of digestion, less the portion taken into the
sweat? young farmers would do well to pause and profit by. There are very few young farmers in this Province, who are able to purchase all the books set owner does not possess enough of the fire, the one containing water and taken idea, which has been fostered the foot is dried up, or coated over sene to each five gallons of water, human feelings to care for their com- the other quicksilver, their tempera- by writers who know little about sheep with scaly formation ture did not rise similarly, but much that these animals have the unusual Q. How can you keep a foot from of general agricultural reading, and Agriculture, Loring's Farm yard for the special courses we have marked Club of Jotham.

More than one half of all the diseases more rapidly with the latter than the capability of living upon weeds, briers, gettling fevered?

More than one half of all the diseases more rapidly with the latter than the capability of living upon weeds, briers, gettling fevered?

A. By giving it is an open and parasites which infest farm stock former. This fact has been studied. for the special courses we have marked in italics those books which seem to us the most useful. A few books well read are better than a great number merely glanced at. We have not appended the list of miscellaneous.

Agriculture, Doring's Farm-yard Club of Jotham.

Cleanliness is another of the absomore rapidly with the latter than the former. This fact has been studied, and parasites which infest farm stock former. This fact has been studied, and this capacity for heat formulated only getting fat thereon, but of great-stock Breeding, Allen's American Cattle, for many bodies; thus, in the fluids of many bodies; thus, in the fluids given the same quantity of heat renumber merely glanced at. We have not appended the list of miscellaneous. Keepers, Randall's Practical Shep not appended the list of miscellaneous Keepers, Randall's Practical Shep works which the Maine Farmer marks as being of great value to the farmer, as being of great value to the farmer, or the select lists which it gives. The or the select lists which it gives. The not appended the list of miscellaneous Keepers, Randall's Practical Shep making good butter on many of the weather in the select list fine matidation, and little lower pastern. We shall be directly traced. Plenty of bedding should be used and the of the Apirical Shep weight of quicksilver 29° and little lower pastern. Q. What makes a foot of the feature, would be raised to making good butter on many of the water in thematics of the water in the select list fine matidation, and it is vigorous digestion, and little lower pastern. Q. What makes a foot of the feature, would be raised to making good butter on many of the water in t

heat is represented by 0.847 than the conceived twins, and the lambs came use of sheep as fertilizers of the soil strength of the member gone.

aid are also greater than ever in the past. It is but a few years ago that we had no agriculture literature— we had a dozen books repring to some years of some foreign continue unit the stables, even things will continue until the temporate become uniform. The half a dozen books repring to some foreign country, illy those of some foreign country, illy and a good dear of experience in using unprofitable and to become worn-out things will continue until the temporate forms which our orchards unprofitable and to become worn-out things will continue until the temporate of the perature of the presence of the presence of the presence of the post of the presence of those of some foreign country, illy adapted to our wants and conditions, were all the intellectual helps the farmer had. Now we have American farmer had. Now we have American farmer had. Now we have American for the possession of considerable skill.

It is a notorious fact that a great tention. Churning should be done tention. Churning should be done of the post tention. Churning should be done tention where the milk must be properly cared to recam would be expected to rise with rapidity, and growing—though not actually diseasmany more of the small globules as some persons suppose is the their direction. would be, then, that under a process of uniform cooling the cream would be expected to rise with rapidity, and be expected to rise with rapidity, and farmer had. Now we have American treaties on every subject in the whole range of practical and scientific agritreaties on every subject in the winter is extremely poor. Quite the winter is extremely poor. Qui

a thorough and systematic course of dition of a few roots a day is made to reading in reference to their business the hay and meal, the result will be the present winter, we give below still more favorable. In this way lists of such books as will be of great-some dairymen succeed in obtaining of the process of manufacture, and the process of manufa

The Horse's Foot, Q. What is the use of the frog?

A. It serves to expend the foot and receive the natural pressure of the

Q. In what condition does it not

When fevered; or when the sole of

sure and the foot as a whole from the

A By stoppage of circulation, and scribe for the Maine Farmer, American Agriculturist (New York), National Live Stock Journal (Chicago):

The winter months bring the true

The winter main successities for the pain caused by stoppage of circulation, and consider how the reverse of these conditions would affect be weakened by the production of good butter. If a patent but we shall find the production of good butter. If a patent but we shall find the production of good butter. If a patent but we shall find the production of good butter. If a patent but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as if olive oil; but we shall find the production of good butter. If a patent as i should be secured.

A good place in which to keep the

A good place in which to keep the as if olive oil; but we shall find the the extra flesh more than paid for the shoulder, which is often as sore as

that nothing else is needed to make a pressure upon it, and so gradually pied with fruit trees should be poor farm rich. But if any novice is and painlessly forcing it up and back led to try it for himself, both he and to its proper position .- Golden Rule,

A farmer in New York State who has in many sections, that make them Tonic for Fowls.—Some kinds of had a good deal of experience in using unprofitable and to become worn-out

I have used lime on my farm in in the whole to a vast library. Indeed, so abundant are these that there is a proportion of the whole amount is neither very good nor very poor. A kind which are used should be kept to a proportion of Canadian beef tion had no part.—Dr. E. Lewis to 12½ cents per bushel for reference to the British market. from 8 to 12½ cents per bushel for re borers, will n ake a prodigious change tion' decidedly.

Common tincture of iron, a few Common tineture of iron, a few drops daily, mixed with fresh water for stone lime before it is slacked. In December, if the ground is not frozen. A Successor to Paris Green.—A given them is excellent. Where this addition, it costs me railroad freights is perhaps the best time to apply it.

of all description EXECUTED ON MODERATE TERM

ROOK AND JOB PRINTING

RATES OF JADVERTISING

to be inserted should be clearly stated. When ordered out, and charged the full time it ha

LICE ON SWINE .- The process of eradication, says the Western Rural, should begin before the weather gets too cold. There are many remedies against lice; but whatever remedy is used should be applied more than once, which of course causes much why repeated applications are necesup lice anew from the ground and the nits; and as these remain intact, and hatch within a week or ten days, a new crop of lice appear on the swine from this source. Whatever remedy remedies, either of which is effective and comparatively cheap. Take one part of benzine, six parts of soft soap, and fifteen parts of rain water; mix thoroughly and apply with a stiff brush. Or, take one gallon of keroapply as the former remedy. Give the hog pens a thorough cleaning out, Remove all offal, bedding, old woodwork, place it in a heap and burn it. Treatment of this kind will be of no avail, if general cleanliness is not attended to. All parts wherewith the hogs have been in contact, the scantling and posts of the styes, or inclosures, as well as the troughs, the walls of the piggery, or sheds, etc., all should be scraped off or scrubbed with boiling hot water, and thereafter be given a good coating of white-wash. The floor of the pens should be sprinkled once a week or oftener with plenty of ashes. It will be necessary, in order to insure a successful eradiction of the vernin. ed once weekly, in three successive weeks at least. When once lice in numbers have infested hogs, nothing will rid them of these vermin. The hog-pens ought to be whitewashed

MANURE FOR ORCHARDS -- Wood perience we have learned one thing tivated, and we believe the principal thing that grows upon the earth, which is, that the application of manure benefits them all. Ground occumanured as are other portions of the land used for raising of wheat and corn. It is the neglect to do so, in connection with the general negli-THE QUANTITY OF LIME TO APPLY. - gence with which orchards are treated almost without exception, will prove barn-yard manure. A liberal appli-

may be to bim a means of culture and information which the best student in the land would not spurn; which save seen in many farmer's homes, will also not be satisfied with the laboratory, the best tool-room of the intelligent young farmer. He intelligent young farmer may be seen denied the advantages of schools in his boyhood, he may have been denied the advantages of schools in his boyhood, he may have been denied the advantages of schools in his boyhood, he may have been denied the advantages of schools in his boyhood, he may have had slight means for acquiring machine are ducation; but with these few an education; but with these few and specific to make a few sughts the manner in the manner of the most benefit is on clover, meadow, and sheep for Liverpool. The latest shipment announced is a flock of sheep composed of 4,000 animals, 2, on trial to be valuable for this purpose. The Professor of Horticulture reporting upon it, says that the variest folly to expect from the advantages of Paris green, lies in the arcsinc it contains. It advanges over transferred to the steamship, Memphis, which sailed yesterday for Liverpool. The latest shipment announced is a flock of s have thad slight means for acquiring gestions concerning the manner in an education; lat with these few which such a change is to be effected, the control of the probable, and a light determination he can conquer all those obstacles and match the place with becoming assuration among the place of the probable and the place with becoming assuration among the place of the place with becoming assuration among the place of the place with becoming assuration among the place of the place with becoming assuration among the bast of the place with becoming assuration among the bast of the place with becoming assuration among the place of the place and the place are all the place of the place and the place are all the place and the the place are all the place and the the place are all the place and the place are all the place and the the place are all the place and the the place are all the place and the place are all the place and the the place are all the place are all the place and the the place are all the place and the third the place are all the place and the third the place are all the place and the third the place are all the place and the third the place are all the place and the third the place are all the place and the third the place are all the place and the third the place are all the place and the third the place are all the place and the place are