

feed in the past, I ventured the present extra acre, in hopes that I may arrive at some sucmeans of curing it for winter feed. If you or any of your correspondents are in possession of a proper preserving it, in large quantities without injury owing to its succulent nature, and will publish the same in the columns of the AGRICULTURIST. vou will confer a favor. My intention better understood, it is known under as to the most advantageous way of using barn manure in the green, or rotted, called muck in some countries, where they never use it otherwise, giving my view of it.

King's County, Sept. 9th.

THE FARMER'S LIFE.

beverage more intoxicating. A not yet exploded idea of a farmer is that he is a man who stands upon the old ways-who is adverse to al led notions-who is content bread prepared from these grains. In such cases it causes pains in the head. nis forefathers went before giddiness, dazzling of the eves or parhim -who takes little interest in the ial blindness, ringing in the ears, the great world outside him. colicy pains, nausea, vomiting, some-A story is told that pretty well illus- times diarrhea, jerking movements that farm to make a change of male trates this idea. An old English of the muscles, unsteady, vascillating birds each year, and none of our and sleep. These symptoms come on scribe for a new journal, but he de clined, saying, "that his father had hours. In animals the effect is nearly marketed. It was to our mind a comleft him a number of newspapers that the same."

J. H.

he had not read through vet." There Horses, dogs and sheep are more are probably in this Province, as else- susceptible than cattle and pigs; of a frequent introduction of fresh where, farmers whose way of life fowls lungs reject the action of the bears out the above idea (but we may oil; rab) its succumb soon.

be sure that their numbers are de-"The poisonous elements in this creasing) who resolutely go in the old grass are a greenish oil, existing to jig trot trusting to what their own ex the amount of one per cent, in the dried grain, and a nonsaponifiable perience may have taught them and vellow material in the proportion of labor, and who turn up their nearly two per cent. Both are exwhat they call "book farm- tracted by treating the pulverized ing," that is they scorn to profit by grain with ether. This active princi- of work! The parents must co-operience of intelligent men who ple is, however, only found in the ripened seed. In the early stage of have reordered what they have learned its growth, and up to the formation and from their own practice and ripening of the seeds, this grass These is as wholesome as any other. Grass, and bad school do therefore, which is but green, and ase of education-" what hay made from young, unripened boys, by setting aside for them ask, the benefit of learning grasses, may be fed to stock with the most perfect confidence, though it to a man who has to follow the tail of should contain large quantities of even the plough all his life? The life of a the Lolium temulentum. That which upon which profitable labor can be

enough known, but the no less intiupon our farm were beheaded, and there is a loss on keeping a crop over mate connection between the partially their places supplied by young, vigor- winter, he speculates with all the odds It is not always necessary to rope a ripened seeds of certain grasses on the one hand, and dangerous nervous derangements on the other, is compullets of the last season's hatching he gains by it he loses three or four paratively unknown. Yet, how often does it happen that a whole stud of commenced to lay, and it was not times. If he holds his wheat in the horses, a herd of cattle, or a flock of long before eggs was as plenty on barn while he has debts at the store of harvesting it, or rather sheep, are attacked with dullness, our farm as upon that of our neighbor. he is worse than a speculator. Wildrowsiness, or frenzy in such a sudden The eggs hatched better, the chickens fully keeping a man's money from and uniform manner that suspicions malicious poisoning are aroused. were stronger and more vigorous, and him is very near akin to stealing it. In other localities where the disorder grew to be larger, and handsomer The broker who uses another man's is more prevalent, and consequently birds, and their actual value was money to speculate upon is not greatly increased. convenient, to make inquiry the names of stomach staggers, grass

staggers, and blind staggers. At the head of the poisonous grasses no difference in the breed between our this time we urged the farmers to the different species of rye grass de- fowls and those of our neighbor, no dispose of their crops as soon as toxicating rye grass, or darnel has had its poisonous qualities recognized from time immemorial, as shown by

the writings of Theophrastus, Virgil. mixing it with barley in the manufacture of beer, so as to render that

serve to be placed. One, indeed, in- change was made in the treatment, possible. The country sorely needed and an inquiry was accordingly set money, and it could only get it from upon foot to learn what caused the the crops. The storekeepers were in Ovid, etc.; and it appears to have that for a period of at least ten were going on to failure. The farm- order to reach these vessels-a reason been utilized in the middle ages by years previous to this experiment ers had their money in the form of not a particle of fresh blood had been unpaid accounts. Still knowing all

introduced among our fowls. We this, many farmers held on as long as Growing among wheat, barley, oats, and had each year selected the handsomest they could for war prices, and were as rye, it is sometimes so abundant as to male birds, and by this means they it turned out bitterly disappointed. prove hurtful to persons eating the had become in plumage unexcelled; Their present crop would be all the but breeding in-and in had been fol- more valuable if the former one had lowed until they had become quite been completely disposed of, and hun small and almost unfertile. From that time it was the rule on liberally fed.

Merchants should learn the lesson of the hard times, namely, that it is neighbors afterwards eclipsed better to seek some other employment ns ir after a meal, and last for several the number of chicks raised or eggs than to carry on a business in a condition of protracted decay, brought or plete demonstration of the evil effects by giving long credits to people who of breeding in and in, and of the value never can pay, or who can pay and won't. In the settled parts of the blood so far as poultry breeding is concountry credit is unnecessary, and cerned, and subsequent experience has accounts, if run at all, should be but confirmed us in that belief. -Ex.squared at the very shortest dates possible. It would be better that each

transaction should be complete in FARMERS' Boys .- How easy it is itself, and no accounts run. True, for farmers' boys to earn their own people who get credit will buy a great pocket money if they are not afraid deal more than if they have to pay the money when they buy, but the ate with them, of course. Let each trouble is they never become a bi father consider how he can best assist more anxious to pay, and the store in a moderate way at first, to foster keeper at last thinks himself well of industry and forethought, carefulness, when he gets paid in overvalued neatness and business habits in his butter, a new settler may need help at the hands of the storekeeper until he piece of land, a few seeds, a little can get his ashes sold, or his crop, the lumber, a few tools or any material storekeeper being in turn dependent has been allowed to run to seed will expended. I know from my OW be dangerous in exact ratio with the early experience how valuable thi may be made to every boy in the land. Almost every lad has some predelection, some "turn of mind. which if carried out in practice. sure to lead to good results. Let him decide on his own line of business. for working against inclination is up hill work. All inquiry at the stores will assist in the choice of an article to raise and the ease with which the facilities available can be used, will decide the point. A calf, pig, some poultry will always pay; a crop of beans, tomatoes, potatoes, pop-corn, anything neglected by others, will more find a ready market, and if well managed will give a surprising profit. Thus a boy early learns to be business like, economical and industrious, and -not least important of all, understands the full value of money, which, also causing congestion of the brain, to him, represents just so much hard labor, and is valued accordingly .--New Bedford Mercury

uired to throw and hold a large hog when in possession of all his faculties. ous fellows. The effect was mar- against him. If he foots it up care- hog, but it is the safest way, as they

velous. Early the next winter the fully he will find that for once that may dodge if not held, and you will miss your aim, which is very undesirable : consequently, it is better to rope and hold them : then, if the first blow fails, it may be repeated instantly.

> among many of those who practice the slaughtering avocation, that, if these animals are first rendered insensible by blows very much worse than the farmer who

It was noticed that there was really does the same thing. Last year at opinion. Any obstacles to bleeding are due, not to material differences in change. It finally dawned upon us debt, and they and their creditors characterizes the necks of swine, in barbarous sights and sounds which so New England and at the West, the gry mouths would have been more swine are first rendered insensible by being stunned.

THE WHEAT CROP OF 1878.

Under the above heading, Mr James Caird, in a letter to the Times, says-The agricultural returns for Great Britain show a small increase over last year in wheat and barley, and a decrease in oats. The extent under wheat has increased by 50,000 acres. Estimating Ireland at a little over last year, the total area of wheat in the market will be nearly 3,400,000 acres. From the general appearance of the crop on the ground, and the trials by thrashing already made in various parts of the country, there can be no doubt that the wheat crop now being harvested is a full average, and the best we have had for some years. The increased acreage and the additional produce will afford us £11,500,000 quarters for consumption.

We shall require 13,000,000 quarters it follows that just now a liberal dres- is secured, it is usually best to dispose comes on sudden, takes hold of the more, for which we must look to our sing of gypsum upon the young of it at a home market. It requires entire system and prostrates all the

though the clover crop, the character ments. of a general fertilizer, while being in Plaster is a sulphate of lime in comitself only one of a special character. bination with water, consisting of 325 With gypsum we can produce clover, per cent. of lime, 461 per cent. and with clover we can produce all sulpharic acid, and 21 per cent. of crops-with time and patience.- New water, not absorbed, but combined as York Times.

water of crystalization. When raw Dr. Slade says: "There is an idea gypsum is burned or heated to about prevalent among farmers, and even 100° above the boiling point this water is driven off as steam, the mas-

sive gypsum fell apart into powder. kinds to use (for the acid of fruits And all this concerning sheep is the particles being forced resounded will not be healthful if preserved in upon the head, it is impossible to by the expensive steam; and if the tin), and they can be purchased very true of fine breeds of cattle, horses, empty the blood vessels. There is no gypsum is ground into powder, this cheaply. Nearly all the fruits retain these indisputable facts, the mass of boils and babbles by the escape of the their flavor better if they are not so steam from the contained water. much broken up. To four pounds of stock, and entertain an ignorant opthe people should not handle scrub the anatomical arrangement of the After the water has thus been driven the fruit, take one pound of lump blood vessels, but solely to the difficul. off the gypsum becomes the ordinary sugar, as it is less subject to alteration. position to fine breeds.

ties attending the cutting through of plaster of Paris, so called, because it Fill the jars within two inches of the REMITTENT GARGET .- This kind of was first used as plaster at that city. top with the fruit; melt the sugar in the decease may be known by blood This is the material used for hard- very little water, and turn it boiling being mixed with the milk as it is certainly, why the animal should be finishing walls, for cornices of rooms, hot upon the fruit, place the jars in a drawn from the udder in the act of insensible before bleeding, and cements of various kinds, and is pan of boiling water, and let them milking. It may last for a day or not only on the score of humanity, but well known from its property of set- steam about ten minutes, or until the two, and then cease, ting or becoming hard when mixed fruit, by the explusion of the cold air, more be seen of it for some time, frequently disgrace our towns and with water. This property of setting has been forced to the top of the jar when all at once the farmer is survillages. In Europe, generally, and is derived simply from its recombi- put the cover on at once, with a cloth, prised to see his cow worse than she at the present time in our large nation with water, from which it was so as not to burn your hands, and was before, when he remarks to his separated by heating at the first, and screw it down tightly while in the better half, "I guess we shall loose its return to a solid condition. Now, boiling water; set the jars on the the milk of our nice cow;" the wife it is evident that while in a raw state table to cool, and if any bubbles ap- says, "Is it possible; what is the and already holding in combination pear in them, take off the covers and trouble now?" "I do not know; but all the water possible, it cannot boil again until the fruit is again a short time ago the cow gave bloody absorb any more; nor can it part forced upwards. Fruit canned in this milk for a few times, it then ceased, with its water to the soil, because to manner will keep for years, and re- and now it is worse than ever, and I do this it would require a heat of tain its flavor perfectly. Tomatoes do not see nor know what ails her. 300°, or much more than that of boil- can be preserved in stone jars with She is fat and sleek, and seems to be ing water, which is but 212°. great success. Stew them for two all right but that one thing." Your The simple truth of the matter is hours in the jars, in the oven or in cow has remittent 'garget, and will that sulphate of lime, in its combined pans of boiling water, filling them up continue to get better and worse until state, is a constituent of many plants, as the juice evaporates; then cover she loses one-quarter or more of her but of clover especially; that lime with a cotton cloth, and put in the bag, when she is worth but little more and sulphuric acid, separately, are large corks that came with them, so than beef; and yet the cow is in good found in nearly, if not all, plants in as to prevent the hot air from escaping health apparently; eats well, lays on some proportion; that gypsum, Make a sealing wax of one pound of flesh, gives a fair quantity of milk at being a sulphate of lime, and con- rosin, two ounces of beeswax and two first but decreases on the second or taining both lime and sulphuric acid, ounces of mutton tallow, all melted third attack and continues to lesson is really a neede ! food for vegetation, together. Put it on while hot, with in quantity and quality until she but especially so for clover, for which a brush, covering the cork and the ceases to give any from one or more it is a most necessary nutriment. As sides of the jar completely. Keep in quarters of her bag, when induration a plant thrives best when it is well a dry, cool cellar.-Albany Cultivator. takes place, inflamation sets in, absupplied with proper food at the right time, and as the right time is when it scesses form, and the part affected is BEE NOTES FOR THE SEASON .- Where lost. This kind of garget differs from is young and need to grow vigorously, but a small amount of surplus honey inflammatory; the inflammatory

nary prosperity, and under all cir. cumstances it is best for the farmer to breed them, because they pay betterthe highest possible remuneration for

which princes desire-while the flesh

is medium. The Shropshires stand

next in quality, and are next to Cots. wolds in fleeces, The profits of these breeds are very great in times of ordihis capital and labor.

HOW TO CAN FRUIT. Glass and stone jars are the only

tractive ; and there can be no wonder.

amount of darnel present." that, a farm on which hard labor for Other species of rye-grass, flax, the men and drudgery for the women statean, and ferennial are also liable is the almost unvarying course during to produce poisoning when the seeds the year should have little attraction have been allowed to ripen. Their for the youths bred up on it, and that comparative wholesomeness depends the should resolve to fly the "old on the presence of a more restricted homestead," at the first opportunity. quantity of the two poisonous inand seek their fortunes in a city or gredients (green oil, yellow matter) beyond the seas : and there is little but being grown as regular forage wonder, also, that youths in the city plants, and thus likely to be taken in who have the idea that farming is but larger quantities they are far more dull, monotinous business a hard. frequently the cause of the staggers should never think of it as an occupathan even the dreaded Lolium temultion. entum. The intoxicating and flax con-

But what a different aspect does tain less "green oil," and farm life assume when the farmer is a " yellow matter," than the " Italian man of progressive ideas, intelligent and " Ferennial " rve-grasses. and educated, who, to his practice, "The yellow matter referred to apjoins study who does not slavishly pears to be the most active narcotic, follow the course prescribed in any causing the most violent tremblings book, but, who knowing the nature and convulsions, while the oil, though and capability of the soil he cultivates. tends more to produce quiet, drowsiuses his judgment in following the ness, and unsteady gait. Hence tremhints there given. He is always bling and convulsions are more markbusy with some improvement. He ed in poisoning with darnel and flax experiments with manures to ascertain rye grass, and sleepy staggers more the different fertilising effects; he commonly follow the use of Italian or perennial rye-grass. studies to find out the best means of

counteracting the effects of the pests that commit ravages in his fields, on ordinary breed of sheep met with in his vines, and trees; he introduces most countries do not change their the best food into his herd and flock; coat, as has been clearly demonstrated he knows, by testing, on what varieties by exhaustive experiments. They of food his cattle can be kept in best have been left unshorn for four, seven condition with profit to himself; his and eleven years without any fresh stables and barns are constructed with growth being observed, although the a view to the health and comfort of original coat continued to increase by his animals, and to the saving of their simple prolongation of the individual its cure. valuable waste, and his implements hair. The rate of growth is faster and machines are of the best and most during the first three years of the sheep's life, after which -it decreases approved patterns and kept in fine gradually and considerably. In doworking order. The prosperous well mesticated sheep the growth each kept aspect of his farm generally, im- year is most luxuriant immediately presses those who walk over it, that after the shearing, in June or July, farm is producing larger crops than be the regular Spanish fever, and was while in the wild breeds, as might be he is a master of his calling and proud expected, it is most marked in winter

NEW CATTLE DISEASE .- A correspondent writing from Bucksport says a new disease has appeared among his

WOOL ON THE SHEEP'S BACK .- The cattle. One calf was taken with ulcerated sores on his gums, eating so fast that in forty-eight hours the under lip dropped from the jaw bone it feeds well and otherwise seems smart although a week since taken. Another calf with apparently the same disease has died. He wishes in-

> MAINE AGRICULTURAL COLLEGE .--The fall term of the State College at

Orono has commenced, with the Freshman class numbering 46. The college before, and there are a large brought to the town by Texas cattle. ever

on his creditors, and making good hi risks by large profits. But an estal lished farmer is much better able to 'carry" his own crops while in th ground than the storekeeper is, and after the crops are harvested the less either attempts to " carry " them the better. They should go forth at once to the service of the world. When things are on a cash basis the farmer will not only escape moving on from year to year with a feeling of being in debt to another man, but will able to get his comforts and luxuries cheaper and better than under the other system, and every one being beforehand with his affairs instead of a little behind hand, the country will be in a condition of smiling wealth. instead of grasping and grinding poverty. - Montreal Witness.

CURE FOR WOOL EATING .- A correspondent of the Landwirth writes that journal on the great losses he experienced among his sheep for years usually reccommended, such as bicrabonate of soda, tarter, emetic, fir tops and so on, without the least success, and ultimately arrived at the con clusion that their evil habits must be due to a deficiency of chalk in his land There upon in the course of last autumn he took to strewing a small quantity of chalk, mixed with salt, upon the

fodder laid before the sheep, and in

A cattle disease has broken out at Wallingford, Conn., which proves to

the great crop of 1877 is not yet ex- its growth. hausted, the prospect of the present crop is much less satisfactory. In France the wheat crop is believed to sellers. There is thus much probability of the present prices being maintained, and perhaps slightly increased, but there will be no scarcity.

Up to this date there is less disease in the potato crop than there has been for several years at the same time. The extent of this important past, owing to their habit of eating food crop is much the same as last wool. He tried all the remedies year. Young cattle and lambs have both increased, the first by 40,500, and the last by 263,000. There is thus our home breeds of live stock, and the by absorbing ammonia and the pungabundant supply of provender, hay, and green crops this season all favor that object which recent legislation is intended to promote.

less than a fortnight they had com- any grass to grow under their feet. have never since resumed the habit, living and lay up money, and they so long as he continued the treatment waste no time in setting about. They a small quantity of dry powdered sufficient quantity of food for winter. culturist.

clover will be found extremely bene- less packing, and, as a rule, will powers of life, while remittent garget and colonial supplies. During the ficial. That it acts with greater bring a better price, Large quantities affects the milk secretions only at effect in rainy weather is due to the will necessarily be shipped to a city first, but like all other suspensions of close, we shall have imported upwards fact that it is soluble only in 400 market. The provision of a proper the proper secritions in the system, of 15,000,000 quarters of wheat and times its bulk of water, and that con- package for transportation is essential. there must necessarily follow disease flour. This is the largest import we siderable rain is, therefore, needed to For box honey the shipping-case of a more malignant form and deshave ever received. It has kept the make it ready for absorption by the should hold from 19 to 25 pounds, truction of the parts affected. It may price reasonable moderate, and the roots of the clover. Its rapid action and may be neatly made as follows:- be caused from a stone thrown, or surplus has come mainly from the is seen by the almost immediate The size will depend upon that of the stick, or being hooked by some other United States. The latest advices deepening of the colour of the vege- boxes to be packed; basswood lumber cattle, the smell of fresh blood profrom that quarter show that, while tation and the more apparent vigor of is most suitable: Cut two pieces, 3-4 dueing great excitement, the sudden

or 7-8 inches thick, of proper dimen- dart of a dog unexpectedly into the The quantity usually applied is 100 sions, for the ends. At equal distances face of the cow when she becomes pounds per acre, but this is not suffi- from the ends, and about one inch terribly frightened, swill from our cient for a full effect. It is cheap, from one edge, cut a hole 1-2 inch city, or poisonous weeds, musty hay, be below an average, so that we are and a full dose can well be afforded. deep for a handle. A top and bottom, any and all influences which tend to likely to meet our nearest neighbors At \$10 per ton, 500 pounds per acre and four strips 1-1 4 wide, and of 1-4 stop healthy secretions of milk and will be a very cheap dressing. If it is or 1-2 inch in thickness, according to its free flow through the several changround very fine the effect is produced the size of the crate, constitute the nels that the animal is provided with more rapidly than when it is in course remaining material of the case. Be- to convey it to the reservoirs, from powder, and it is best to use it in the fore packing, boxes should be nicely whence it is taken by the milkman .-finest state of division. There are cleaned from propolis, and care taken Michigan Farmer.

other uses ou the farm for gypsum. in every way to place the honey in As a purifier of stables, cesspools, market in a neat and attractive pack-VALUE OF POULTRY IN THE UNITED poultry-houses, or other foul places it age. The boxes which each case is STATES .- The statement that the value is very effective. We have heard to hold should be placed upon the of the annual product of poultry in from those in whose opinion we had scales and weighed before packing. this country is greater than that of confidence that it would not act as a With a little care in selecting boxes, hay, corn, cotton, or wheat, is absurd. deodorizer when in a dry state and fractions of pounds in a case may be Any person who has a moderate acnot until it has entered into solution, avoided, which is desirable. The net quaintance with what is going on already a satisfactory beginning made This opinion, however, is not founded weight should be neatly marked on about him, can make a pretty near on fact. It operates as a deodorizer the case. estimate of the value of the poultry All openings at the top of the hive product. For instance there are four ent ammonical vapours which are should be closed so as to keep the in- million families in the country, and

produced by decomposing organic terior warm, which will tend to con- many of these no not keep fowls. Few substances. It is capable of absorb- tinue breeding later in the season, and persons produce over \$20 worth of ing ammonia when dry, for it will thus aid in securing a larger number eggs and poultry in a year: and if the The Menonites farmers do not leave quickly purify a foul poultry house of young bees for winter. Combs of average product were taken at \$20 for formation in regard to the disease and pletely ceased to eat their wool, and They came to this country to make a though the place and everything changed for light ones in less pros- the yearly income from poultry would about it is perfectly dry. Besides, if perous colonies, and each thus have a be only \$40,000,000.- American Agri-

> Clover, which had been nearly an exhauster of the soil.

will be a good example to others-or gypsum be placed in a glass tube, Each hive should contain about 25 and a carrent of ammonia, which is pounds of honey. Avoid exposing

John Stone of Peterborough, N. H., really a gas, be passed through it honey whereby robbing may be in- abandoned in Eastern Pennsylvania a kept three-quarters of an acre of po- from a bottle of ordinary ammonia duced. Where few hives are kept, the few years ago, is now regaining its tatoes free from bugs by pasturing 11 water, it will be found that the gas different operations may be performed lost status as it should. It is really a of it. The interior of his homestead time, with the severity of the weather number of experiments under way in Fifteen native cattle have died and 20 with fresh water answered all their its pungency be greatly diminished. be less likely to occur.—American ally admitted. It is an enricher, not young ducks there. A tub kept filled will be absorbed in greater part, and are flying less freely, and robbing will far more important crop than is gener-However, in practice, it will be Agriculturist.