with the back of the hand, or by lifting up the skimming-dish, beneath which the curd and whey will distinctly appear if the congulation be complete. Another criterion is the colour of the whey, which should be of a pale green -Journal of the Royal Agricultural Society of England.

ASHES FOR POTATOES.

Messrs, Editors :- in your paper of the 22ml, I see a notice respecting the use of ashes for putatoes, wishing some one that had tried askes to give the result. I last year had my potatoes planted about the 20th May, and used as a dressing at the hably call upon several of the principal agritime of planting a maxture of ashes, plaster, and (culturists, between this and Montreal, within salt, the proportions were five bushels ashes, one the next two or three weeks. plaster, and one of salt. At the first hoeing gave them a similar dressing of about a wine glass full at each time; and at digging found little or no tot: the potatoes were put into a large bin in the cellar, and those left, say 70 or 80 bushels, are now as sound to appearances, as those of years previous to the rot. I planted my potatoes three and a half feet one way, and three the other, which gave them plenty of air, and the crop was a good one. I shall try the same dressing this season. I did not try any without last year, but shall this C. A. D.

Chulestown, N. H., May 23, 1847.

P.S. Since writing the above, a friend advisepatting into the full one part of unleached ashes, the result has been good, and the crop nearly sound.-[Docton Culavator.

RENOVATION OF THE POTATOR.

the best seeding putitions, and the greatest varies to of seedings from the State Agricultural Su Cultivator communicated by H. A. Parsons

Mr. S. natibegen four years, are to plan from potatoe balls, and his every very plant land and the tubers from the improved seed, but the seed? from the newly produced tubers. In the potatoe, the principles of several sciences) in suca a springing from the improved seed of each suc, manner as to come down to the comprehensize the parameter and the manufest rupraves sion of the mass of readers without the most size, quality, and quantity; this veir 36 sizeable table parameter with the most reduced to me the result of the mass of readers without the most sizeable table parameter from one seed, all attached to one word," we may explain its manufacture vine. Many of the most occurrence occurrence of the most occurrence o Many of the potatoes growing from seed planted last spring, weighing from five to seven a constant repetition of words and a round-aplanted last spring, weighing from five to seven bout mode of speaking. Of course there is
viriences, appear fair and healthy, with no signs,
of the prevailing disease. Mr. Smith the past
year planted on two outer sides of his garden,
which is of the same soil, expasing. See, some
the same soil, expasing, anythmedial markets of the same soil, expasing on the same soil, expasing on the same of the same soil, expasing on the same soil, expassing the same soil expassing the same same soil expassing the same soil expassing t eight rows of common potatoes purchased in market, consisting of pinkeyes, ne-hanocks, or mer-cers, and flesh coloured; next to these on two sides sums twenty rows of different varieties of his improved; and next to these, seeds taken from the balls last spring. These had all the same sod, enhance and attention. The seeds were first stated in a hot-bed, and afterwards set out in a forrow about two feet apart—one plant making l

In digging, the following was the result: -- Of the varieties first named, many were body diseased; the nechrinous most toe pinkeryes next, and the flesh enfoured last. The environ layer are ties, growing by the side of tiese, showed searcely anything of the disease, and the seedlings

nde at . h. Rice Crypyr —This is prepared by intimately mixing rice flour with cold water, and gently sim-mering it over a mild fire. It thus forms a very dur the and delicate coment, answering, when exide thin, all the purposes of past in a higher degree, for paper and the like, and when made of consistence of plastic clay, it may be east in regulds, and the articles when dry the appearance of white marble, and will take a high polish. The domestic ideas of the Camese are mostly east of this material. Any colouring matter may be added at pleasure.

Figure Roads, on Twist —One quart of take-warm milk, one ten-spannial of sad, a large tenscap full of house-brewed verst, or half as much distillery yeast. Hour enough to made a stall limber; set a to use and when year ught, work in one egg and two spoonsfal of bater, and kneed t in flour till still enough to roll

As Excending and Cinar Permissi-One pint of rice: twelve apples of good size and sour; pure core and slice them; may the rece and uples, and put all into a first and bod mem it so near. The org most be large counts for half so hour.

quantity of outness, to which add a little sugar tion of the meaning of words. mal.-Gardeners' Chromele.

trees wash the gummy spots with strong soap. trees wash the guminy spots with strong soap, stances. Ammonia in its pure state is a gas, rate of two or three pecks to the ton. It will cause many are waiting to see it established, but This is stated to be very efficacious.

Ammonia in its pure state is a gas, rate of two or three pecks to the ton. It will cause many are waiting to see it established, but This is stated to be very efficacious.

TO CORRESPONDENTS.

D. K., Brock. Your request will be attended to the missing numbers will be sent also.

O. J. H. If the facts are an you say, there is no doubt but your title in good; any larger, or indeed any person having much acquaintance with linsiness, will tell you so.

CANADA FARMER.

June 5, 1847.

One of the Editors of this journal will pro-

AGRICULTURAL CHEMISTRY.

We have for some time had it in our mind to devote some space to the publication of such information upon this important subject as would greatly benefit our readers, and espenot have necess to the best books relating to it-by affording them the opportunity of becoming acquainted with those first principles and the more common scientific terms, the knowledge of which is absolutely necessary to the understanding of the writings of all serentificmen; at the same time that the labour of selection and explanation would freshen and formy of readers in consequence of their ignotiety-are treen from the January number of the france of the language used. It would be imthe principles of several sciences) in such a a constant repetition of words and a round-arather the most difficult to be understood of those we recollect, was published in our second number on " the good and had points of cattle." It was written by a veterinary surgeon and published in a scientific work. Still with the aid of a common dictionary most of it could be made out. Speaking of the feel of the skin in a good animal, the writer says "its easy resilience when traction is made use of" is a "good prognostic," &c. - Jahnson or Walker will solve the difficulty if there be any us means "a starting or leaping back." "Traction," the "act of drawing," so that the meaning becomes clear even to those who may never have seen these words before, upon consulting a common dictionary. For · prognostic" he might have said "sign," which would have been plainer if not quite as I land will permit it. appropriate. "Intersticial de posite," "adipose and reticular tissue," " saporaceous feel," &c., may all be understood by reference to the monest language would have required a great number of words, except in the last example, which is an instance of useless obscurity.

untter, and its smell may be detected in danghills and cess-pools. It is now well established that the fertility of animal or barn-yard manures depends in a great measure on the presence of this substance. How important then to understand its nature, and the mode of making and preserving it! But chemistry teaches us that even this volatile gas, is composed of two other simple gases! viz., nitrogen one part, and hydrogen three parts. In speaking of these substances we are driven to use their chemical names, for they have no others. And the only way we can get over the difficulty is to explain them by their properties and peculiarities every time we mention them. Thus if we are speaking of the components of the atmosphere or air, we say in 100 parts there are 79 of nitrogen, an elementary gas, colourless, inodorous, or without smell, inactive, of nearly the same weight as air, incapable of sustaining life or flame, &c., early the younger portion of them who may Sec., and 20 parts of oxygen, which in its simple form is also a gas, colourless, tasteless. and inodorous; it is electro-negative, that is, when those substances with which it is united are electrically decomposed (seperated into their elements) it always appears at the positive surface (but this requires a knowledge of the nature of electricity to be understood). It is heavier than atmospheric air, it is the most powerful supporter of combustion or The following facts in regard to the renovation extend our correspondent. (Whithy Farmer) much frender see that it would be absurd and impossing Mr. N. S. Sauth wing obtained premiums for of what is written is unintelligible to the massible to go through such a fecture every time a chemical term is used? After it was possible to write upon scientific subjects (and intolerable to those who remembered, and agriculture is not only a science, but involves understood it. Now, we shall devote at least a column to the explanation of the elementary principles and terms of art, of those sciences more immediately connected with agriculture. and we shall begin with Chemistry, adding such observations to our selections from the most approved authors, as from time to time shall appear necessary. We hope our young readers especially, will go with us through these interesting inquiries and they will assuredly become both wiser, richer, and better in l consequence.

HAY-MAKING.

The season for making hay is rapidly approaching. The farmer should, therefore, look to his implements and have them in order. Much time may be saved as well as money, by paying early attention to these things. On our first page will be found a cut in this sentence. "Resilience" they inform and description of a revolving horse rake, which we think, will be foundless complicated and in every respect superior to those in common use. Any usu of ordinary ingenumy may construct one; those, therefore, who may approve of the plan, will have time to prepare for testing its usefulness where their

There has been, and is still considerable difference of opinion among good farmers as to the best mode of making hay. One same authorities, one or other of which we method, and it is the most common, is to dry hope is in the possession of every family. In thoroughly in the swath, by turning and To express the same meaning, in the com- spreading during the day. Towards evening it is collected into small cocks, or raked into wind-rows.' Next day it is spread again, and in the afternoon put up into larger cocks. On mation, assertion, or abase will not do. A news-Soapy would have done just as well as " sapo- the third or fourth day it is taken to the stack paper in a family, even a political or religious naceous." for it has the same meaning, or mow. No salt is used. By this mode the the rice, when swelled, will fill. Eat with an, amount of the writer must study planness and simplicity. tedious, and in the case of cover, much of cellent.

To Kir.: Coesnovenes.—A teacop full of well and the reader must strive to comprehend its virtue is lost. Another plan which has braised plaser of Paris, mived with double the without the necessity of a constant explana- many intelligent advocates, is to allow the swath to be turned and withered, putting it (the latter is not essential) then strew it on the But in a science like that of chemistry up into small cocks of about 200 lbs. by noon, the latter is not essential man and some that it is seen that of chemistry up into small cocks or about 200 ms. symbols that of chemistry up into small cocks or about 200 ms. symbols of it is when cut before breakfast. In this situation the same and being of no cost, it is worth a terms of art are absolutely necessary. When when cut before breakfast. In this situation RED St. 1. 4 — The Girdeners' Chromole re-commonds, for the extraction of those meets that Caschies be put into a frame, with a quantity of stood, because this is the popular name by which tends to cure the hay very fast. The faschise the put into a traine, with a quantity of the leave, covered up a tight as possible, to prevent the gas, evolved from one reves, escaping; in a few hours the usects will be destroyed.

We should however, to convey our examined, and if the heat is abated they may the branches of the concellias infested with the meaning correctly, be obliged to use several be shook up a little and left for a short time. scale should be rubbed with oil, on the place other words, for hartshorn contains but 32 and then carried to the barn. In mowing it would be a long time before we should have In order to step the gummo exudation in cherry per cent. of minimum, muted with other sub- away, salt should be sprinkled over it at the another like it. You may less the first year, be-

is produced in the fermentation of animal well, and makes the best of hay. The practice is adopted by some, of putting it away with alternate layers of straw, especially when composed of clover; heat is thus avoided, and the straw by imbibuing the juices is enriched as food; less salt as required in this

Judge Buel, the able editor of the Albany Cultivator, from its commencement until his death, always recommended and practiced this plan. He says-

Philosophy teaches, and many years experience has confirmed us in the correctness of her teachings, that not only clover, but all hay in which clover or any of the succulent grasses, are constituents should be cured in small grass cocks, not rolled, but formed of layers with the fork. The objections to the old mode of curing wholly in the sun, are, in the first place, that the leaves and finer parts of grasses, dry, crumble and are lost, ere the dems and succulent portions are fit to carry to the barn. In the second place, that an intense hot sun is hurtful to the quality of the hay, that cured in the shade being always the most fragrant and natritions. Third—it is liable to be seriously injured by the dewesulden showers, or continued rains,

The practice of the best English, Flemish, and French farmers, says Deane, is to expose their hay as little as possible to the sun-It is carried in dry, but it preserves its green colour; and you see hay two or three years old in their market, of so bright and green colour, that we should reactly conceive it to be cured; yet they are in the practice of preserving it for years, and value it more for its age. The cock excludes it from the sun and preserves its greenness; and if a slight fermentation takes place there, the hay seldom heats, and never spoils, in the mow or stack. It is the best mode to make good hay. Let those who think otherwise try it.

Por the Canada Parmer. GENTLEMEN.-Upon seeing the Prospectus of

cour paper, I made up my mind to become a abscriber. It struck me to be just the thing that was wanted. I knew there were hundreds of farmers raising families of children, who cared nothing for the political papers, and therefore did not take them; and as, until yours was started. there were no others published in this country containing general information, these children stood a fur chance of coming up just as ignorant as their parents. It therefore appeared to me that a good firmer's paper, continuing instructions upon agriculture of a useful kind, and at the same time giving news and matters of general interest; in fact, just such a paper as yours is, would meet with more encouragement (for it would be more worthy of ii,) and do far more good than the whole host of pointed newspapers that are now floating over the country. I may put the religious papers, as they are called, in the same category, for they are started with the same party object, and are just as butter and argmontons in their language, and kindle so much strife and " brotherly" hatred, and are just as neglectful of the real interests of the country (perhaps more so) as their worthy compeers.

Political papers may do well enough for those that like them; but as for myself I am quite fired of the command wrangle about "party" and office." I want to see the party that will do something. This eternal talk has sickened my stomach. But I am afraid you will think I am writing politics. Never mind-I have my own political opinions, and newspapers shall not change them. They are made up from facts, or acts, just as you like, and it will require the same kind of things to produce new ones; mere declaone, is better than nothing. It contains many things pleasing to children, and gives them a tasto tam myself an m. stance of their benefit. My father took a paper, and though I hated the sight of a book, yet hy reading the vivipaper sometimes aloud for others. I gradually acquired a relish for the thing, and can now been a considerable acquaintance with books and with an world, for one in my station, which I otherwise should a ve been igno-

I trust, therefore, as your journal is what every farmer wants (and if conducted as you have begain will no doubt be appreciated and supported). that you will be induced to continue it : I should