reader, if this is impressed on your mind, you will perceive, that the chiefest things to be regarded in urine, are first, the cucumstances which affect the quality, and quantity. Second, the best mode of pro-Third, the time required for the process, and fourth, the best mode of preserving fuse you more than the names, aye, and term. hard ones too, which are given to the "Sounds inharmonious in themselves and harsh, varieties of pears and apples. All you And only there, please highly, for their sakes." want to know is this, does urine contain. as solid dung does, water, mould, and And though there are few who do not willingly salts ?

It does. The mould is so small a part, it may be left out of view. The salts are like those in the solid dung, mineral salts, yet far different to most imaginings is the rag. and then we have the peculiar principle of the dreary winter storm, the roating uren, which for all practical purposes old gate on its rusty images! all pleasing, howmay be called ammonia. We may ever, to a musical ear, when found in keeping may be called ammonia. We may then with this division present in a table the comp-sition of the urine of vari-tenter, it it thought your readers would conous animals at one glance : -

Water. Salis Ammonia. Cattle urine, per 100 lbs. 92.62 3.30 4 4.70 Horse urine, per 100 lbs. 94.00 5 03 Sheep urine, per 100 lbs. 06 1 20 280 Hog urine, per 100 lbs. 92 60 561 Human utine per 100 lbs. 95.75 1.88

Now cast your eye carefully over this table, the figures at once tell you the cal sound, that in a calm evening I can tell what value of these different liquids. It he last column gives the true value. The other I he last salts vary much in quantity, and this affects the quality. The actual amount of ammonia in human urino and cattle dung is about the same; yet on actual practice it is found the effects of urine are nearly double those of dung. Look now for the reason of this; in the first the major key, entirent's day and sometimes place, the principle which gives ammoniat the major, by their harmonious tinklings. And place, the principle which gives ammonial the mant, by their narmonious tinkings. And it may appear trilling, but I intend to have 3 horses to call the men from I dor-that at breakthatstate. It gives nothing else, whereas in fast, sharp, clear, and of a high to e, for dindung, the ammonia arises from a slower decay, and the principle which here af- the evening horn will be in the minor, of a soft fords ammonia may, and without doubt the day and its dutes I have rigulated the does of the day and its dutes I have rigulated the day and its dutes. I have rigulated the day and its dutes a paick agreement the day and its dutes a paick agreement to the day and its dutes a paick agreement to the day and its dutes a day and its dutes a paick agreement to the day and its dutes a paick agreement to the day and its dutes a day have a quick action with the liquid, a slower one with the solid. A second cause of the better effects of the liquid, is that it contains, besides its ammonia, a far greater amount of salt, and these give a more permanant effect. The amount of rritaing, toan one that strikes too quick, in an salts in human, cow, and horse dung is about one pound in every hundred. While the urine of the same animals contains nearly six pounds, in every hundred. A third cause of the greater fertilizing action, is found in the pecu ar character of some of these saits, which are composed of soda, potash, lime, &c, united to an acid formed from urea, in the animal body. This acid is like the acid of sultpetre; it is a nourisher of plants, as much so as is carbonic acid.

(To be Continued.)

From the Boston Cultivator.

## RURAL SOUNDS.

You must know, Mr. Editor, that Nature has ondowed me with what is termed a musical car, and the situation in which my life has been cast moting a change of urine to ammonia, by an all-wise Providence contributes not a litthe to the development of that bump of m no; tor I have the happiness to live, where every one hopes, if he be successful in life, to diethe animonia, when formed. You will perceive, render, that all along, I have endeavered to point out the principles on which manures act. If you go by general principles, then for a plant practical farmer, like yourself, with only chemistry have been bestowed upon me. But is not the subject upon which I am writing rather farmer, like yourself, with only chemistry have been perceived a found of the torses. enough to understand a few of its terms, they be prepared to accompany me the length to it must be quite a thankless service, to all the may be carried in my flights of imagination? It is true we are told of the music of point out to you in dotail, all the various nature, and even read of the music of the spheres, things contained in urine. It would con- but low seem to be aware of the meaning of the

admit that

"Sweet is the breath of morn, here tising sweet, With charm of earliest birds.

with surrounding objects. This being premised. sider the following description o. my domicale worthy regard, I should be tempted to offer it or your accest nie.as a pormattiture of a well tuned farming establishment. Suppose, their, that I venture, and observe-My farm consists of 150 acres of land, five miles from a market town. has been tong enough in my possession, for all the shifting bars to become gates hung on hing-es, shutting of their own accord; the Triches failing into their catches with so distinct a must gate is being shut by its key note, my front gave being A sharp, and my barn yard ga e, B flit; while the distant and approaching team is know to be more or my neighbours, so soon as I can distinguish the sound of the waggon wheels, there being two notes of difference be ween them, as they pass the front of my premises then come the doors of the out-houses and stables, all in their proper key-notes: while the bells of the sheep, selected in Ris and Julis, and ner, lower in tone, but in the major key, while expense, having had to change them more than once, neither the ticking nor sriking pleasing me, in time or time; for I know of nothing more samiferous than an old drowsy, asthuntic clock, with a ground efore every a roke, which a length comes for him the minor key; or more imperiment and careless way, with a sharp an i annusical ring that absolutely makes one nervous. My parter clock now stakes in the open key of C, in common time, and with a noble co-dence that invites you to count the hours and improve them; the kitchen clock being a third higher in tone, and somewhat sharper in time I have had some trouble with my chickens also, several of my roos ers had voices in the minor key, and were too slow in their ejecul tions, we ile others were too shrill and quick in their movements for my ear and technigs: I therefore took some poins in regulating their voices, so they now crow in 3ds and 5ds, and in perfect

stopped, and the "music of the farm-yard" le now more than mere postry. Then come the dogs, ad in gamut, the watch dogs with a deep and son-rous minor for the night; the sheep-dogs softened and attenuated bark, which active terrifies nor hurries the flock; and the terrier, or rateaucher, with a yap so charp, that the vermic are half frightened to death before they are caught. Our cate, of which we have about half a score, now caterwant in perfect cadence, having exchanged some firts and sharps with a neighbour fifty indes distant, who considers him elt benefited by the transaction: I of Nature, and can enjoy their nocturnal con-certs hugely. I have had less trouble with my dairy than I expected, having had to part with one cow only, which had a most terroic bellow for a female, indeed, truly awful; --white the bull is a fine deep, mojestic bass, of great power and compass; the caives in general bing remarkly well in tune. My hogs, being all of the son and cellular breed of Chester county, mikwinto and sweet-handlers, are no longer grunters, but whene in soft accord, very unlike, I exexpect, from the round barre ed Berkehnes, who-e black color and barret trames must, one would conjecture, give forth sounds in accor-dance with the peculiarity of their conformation, and I fear too much of the sesqualtra stop for my feelings; for I must confess, I consider the hog about the least musical of all the animals on a farm, if you except the mule, which, by the bye, reminds me of the promise that my neighbor has made to me to exchange a mule, as one of nime has a most unearthly yell.

And then come the minaies of my family, of whose maricul infents I can truty bon-t ! Here is the true large or organ style embedted in human frame; my wife's soprano, for which I cho e her as a partner, and whose voice and keeping has never varied a demission-quiver from the true puch siece our un on, leads the whole family in perfect accords her voice being at once soft and commanding, meli fluous and excuing; in the minor as well as the major key, first treble and teader mall our family concerts; while our sins and daughters fill the subordinare parts of the piece, leaving no room for discord or disagreement in any, and making such harmony as I never heard at a theatre in all my lite. It is true we have, had some trouble to tune our he'ps, some of them being too flat and others too sharp, but the hormony of my estabhahmont seems at present to be about as perfect as any hing, whether human, animate or inzui-mate, can be supposed to be. Thus our labors are sweetened, and the effect of such a size of things is so apparent, that many of our filends have made the remark, " I know not how it is, triend Dinpason, but I visit no house where I am so comfortable as at yours; there i such a feeling of trath and harmony, seemingly in the very atmosphere with which you are surrounded, that I know not how to leave. All goes with the regularity of clock work, and a peace and happiness that may be felt: nothing seems out of time with you." Ah, there it is, says I; that's a second we pay to Nature! But if I were to go into particulars, would they not smile? and am I sure that the is not the case with you at this time ! So, then, Mr. Editor, I take my

"Nature inanimate employs sweet sounds. But animated Nature, sweeter still, To scothe and sausly the human car."

To take Film from a Horse's Eye .-Blow loaf sugar and a little salt into the inflamed eye, and in most cases it will be releived. Sassairas buds pounded, and put in water, to stand till it becomes nearly as thick as cream, applied to the eye, is an excellent remedy for inflammation.

For stings of the adder or slow-worm. apply immediately strong spirits of herishorn. For sting of bees, apply chalk or whitening mixed with vinegar,

Poisons swallowed by oxen are comtime and time, and my yard now sends forth a monly the yew, the water dropwort, and the concord of "sweet sounds." Some of the hons common and the water bemlock. One and a half also had voices of arrant scolds—these I have I pint of linseed oil is the best remedy.