CHRONICIE TEWISBURG

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Pennsylvania Common Schools.

We are indebted to the Deputy Secretary, Mr. HICKOK, for an early copy of the Report of Hon. CHARLES A. BLACK, late Superintendent of the Common Schools of Pennsylvania. We say "carly," for altho' the School Year ended 6th Jene last, and the Report was communicated to the Governer 5th Jan. last, it has but just issued from the press . The new Superintendents (of Public Schools and Public Printing) we hope will regulate these matters, hereafter, in better time. Reports like this can be and should be printed and distributed before the General Assembly meets, in order that Legislators and the People may have time carefully to examine them and be prepared to take action when the Representatives of the People have met.

The Report proper embraces 20 pages, with an Appendix of 160 pages containing more or less extended Reports from County Superintendents, &c. The counties of Allegheny, Luzerne, Somerset, and Union have not been heard from through their Superintendents.

From a cursory examination, we believe the Report should be widely circulated, and would have a good influence upon the pub-

The present universal School System years ago, under the administration of of humanity, it is impossible to relieve all. Gov. Wolf, but was efficiently advanced more strengthened and consolidated.

Although it is twenty years since the the change wrought in 17 years:

1836 No. of Districts No. of Schools 8.384 Time Schools were open 4 m. 3d. 3,394 11,230 No. of Teachers Average monthly Salary of Male Teachers S Do. Female Teachers 11.96 139,604 474,555 No. of Scholars Aver. No. per School Aver. cost Teaching per

Scholar per Month State Appropriation

of this increased means of knowledge in Or, let us step into the Opera a moment; but begun to be developed.

doubt whether any State in the Union hearted people. deserves the credit of making more sacrifithe staid old Keystone.

*From the Report of the Superintendent af Cumberland county it appears that Exof age, retains an undiminished interest in the cause, and cheers the heart of the teacher of his district by visiting him once a week. [Query-Will the Directors visit ols once a month ?]

From Philadelphia.

[Correspondence of the Lewisburg Chronicic.] PHILAD., Feb. 9, 1855.

DEAR CHRONICLE : It is so long since I have written your name, that it seems almost new to me, and yet I look for your familiar face with as much interest each of each month. Let me congratulate you success. The fact that you can afford a new dress in the midst of such hard times. is evidence that you do succeed; and that "Junior" look you wear, precludes all idea of grey-bair-breeding troubles.

You may thank your stars, who are so happily removed from this boiling pot of mammon; you sit quietly among your peaceful hills, like some snug barque riding safely upon the broad ocean, while many a noble hull is being battered to pieces among the breakers that lash the treacherous coast. But,

While terra firms on her axis

which today is reflected from faces, bright with conscious prosperity, may to-morrow fall upon the reflex of crushed spirits, and if we are at all benefited, it will be the bankrupt hopes. Such is the tide we ride greatest wonder. upon; such the waves which engulph

"Hard times!"—The man of business is a candidate next time, I'll certainly vote might tear my dress." may repeat the ory, until he believes him for him.

Che Cewisburg Chronicle, self a very bankrupt; may use the potent and pinch his unfortunate debtor with the Larry M'Mullen was clerk in a store other, may even fall under the sheriff's hammer; but not by him is hard times And knocking the boxes about at the door; felt. The law gives him an allowance. his children are fed and clothed, and he has sympathy and friends; he knows noth-

> If you have a heart of stone and nerves of iron, let us take a stroll among the suburban residences of the mechanic and laborer. But why should we go to seek them? we can see them at our very doors. Look at that strong man with his small market basket, as he passes from door to door; he is no drunkard; his face is intelligent, and the look of serrow speaks of a heart within that urges him on in his work of love, while the frosty wind whistled around his thinly clad frame. He is striving to earn a supper for his wife and little ones, by selling apples! Long out of work, reduced to starvation, yet too proud to beg, he has invested his last shilling in that little stock he is striving so awkward-

He is but a type of thousands. At every turn, in every street, the same look of distress; the same traces of hard times, are seen : the cry of " give ! give !" comes up continually, from little outcast children and miserable women-mothers! Philanthropy has a wide field-too wide for all to feel her influence, for notwithstanding was commenced in this State, now twenty the noble efforts that are made in behalf

But, while the most heart-rending disunder Gov. RITNER*, whose 'right hand' tress is everywhere seen, extravagance and men were and still are those champions of folly still reign unchecked-money that Common School Education-Thaddeus would hush the wail of woe that comes up Stevens and Thomas H. Burrowes. The from the noisome dens where starvation succeeding Governors have also all been and pestilence dwell, is lavished on the firm friends of the system, which may now most useless baubles, and in the most osbe considered as the established policy of tentations extravagance, and the pleadings the State, only to be changed by being of charity are drowned in the din of fashion and dissipation.

Look at those heavy folds of costly silks system was established, our Report is fall sweeping by-those rich furs, the sight of for 17 years only. We give a comparison which sends a genial warmth through the of two years-the first and last-to show frame-that jeweled arm helping the train across nasty gutters-why, sir, that bundle 1853 of silks and furs, jewels and feathers, would bring five hundred dollars under the hammer. What a contrast to the shivering wretch seated on that icy step, her one hand extended for charity, while the oth-\$19.25 er clasps the folds of that tattered garment 12,08 around her famished babe !

Look at that line of splendid equipages 42 and liveried menials, that line the curbs in front of those haunts of extravagance and pride, the fashionable stores of Ches-207,105 1,021,337 nut St. or Broadway-those "furnishing Exp. for School Houses 111,803 147,516 undertakers" where the fortunes and hopes Other annual expenses 193,972 815,901 of thousands are "laid out" and coffined,

harmonizing discordant elements, quicke- it is Grisi and Mario's night. Look around ning the dormant intellects, and sowing this parquette, and those two tiers of boxthe seeds of good morals and truth, can es; all these, save only the press, have never be folly estimated, but certainly has paid Three Dollars a head. Try to estimate the value of that display of velvets, We believe it will also be found, that fitrs, iewels, white kids and lorgnettes; during the past twenty years, the number and how many starving women and childof Private Schools, Seminaries, Academies dren the sum total would make comfortable and Colleges has increased in a correspon- through these dreary winter months, and ding ratio with Public Schools. If so, we see if we are not an extravagant and hard-

ces for the great cause of Education, than and surely there is a species of inhumanity in this thoughtless waste and forgetfulness of our suffering fellow-creatures.

But they are not all forgotten. Through Gov. Ritner, although now over 70 years unwholesome lanes, and among the haunts of misery, the Good Samaritan is continually traced : sometimes in the form of generous manhood, but far oftener that of gentle woman; alleviating the sufferings of the destitute, providing for their temporal wants, and leading them by kindness to lives of reform, distributing alms with one hand, and bearing in the other the

Perhaps I have moralized long enough; but, really, the number of wretches one is compelled to turn away from his door week as we do for "HARPER" at the end every day, is enough to make a very hard heart sorrowful. No matter how unworthy on your improved appearance; you deserve they may be, they are our fellow men, and susceptible of suffering as much as ourselves .- Oh! you are happy in the

Country.

But there are strong hopes that an antidote for all our trials has been found, thanks to the good pleasure of his restored holiness, Pio Nino, and the infallible conclave who declared the "immaculate conception," the neglect of which has no doubt caused us as many woes as "Achilles the son of Pelcus" ever caused the Greeks. The latest news, which is, that the Weeping Virgin of Rimini is en route for our shores, (if like her sister of Guadaloupe she does not positively refuse to land,) life will be very likely to present the same together with a winking Madonna, and kaleidescopic changes of aspect. The sun a number of relies, should be enough to ensure a national thanksgiving. The fact is, we don't deserve so much grace, and

thousands. The last new year dawned without congratulating you on being able studies, and as Mary had tarried within upon unparalleled prosperity; this, lighted to have a representative of your own at during play time, so did Nelly, and upon up a barren waste, and the usual rejoicing the seat of government—also, congratula- speaking to her as she had to her sister were drowned in the cry of hard times! ting the representative. If the Governor she received, too, the same answer, "I

S. H F. The reply caused Miss M to notice the

THE WRONG BOX.

BY A "K. N."

Now a rich widow lady from Tippareen sent To purchase some merchandize rare, And to packing it up in a box Larry went,

All night he lay enug in a beautiful drame, Till morning crawled over the sky; Then to nail up the boxes the carpenter can

Then the fellow who marked all the boxes drew nigh, And a bad piece of business he made, For he wrote on the box in which Larry did lis-Alas for poor Larry, how soon would be die

The box was sent on by the railroad in haste, In the widow's fine dwelling it sat, and the widow, who had a mechanical taste, Next seifed on a hat-het and quickly uncased M Mullin, who regred like a terrified basts, "Och! smithereens, what are ve at?"

The widow was horribly frightened at first But when she discovered a max was the worst, Her fears were all ended, her doubts were disperse And her rapture was plain to be seen,

" Och! Mally look here!" thus she cried to her mald I wrote for such things as a widder might nade, And faith but the fellows have strictly obeyed, Bad luck to me now but I'll see them well paid,

Where am I'" says Larry. "Faix, darlint, you're here, The widow replied with a smile.

Cries the lad, "So I am, sure enough; but I fear
I have sent the wrong box." "Never mind it, my de
Said Mistress M Laughlin, and gave him a leer
That cut to his heart like a file.

"It's happy I am, then," M'Mullin rejoined, "If the goods suit your ladyship's tasts. "Very well, then," says she, "that's the goods to my min And now let us send for the Praist!

The Little Sisters.

"You were not here yesterday," said the gentle teacher of the little village school, as she placed her hand kindly on the curly head of one of her pupils. It was recess time, but the little girl addressed had not gone to frolic away the ten minutes, nor even left her seat, but sat absorbed in what seemed a fruitless attempt to make herself master of a sum in long division.

Her face and neck crimsoned at the re mark of her teacher, but looking up she seemed somewhat reassured by the kind glance that met ber and answered, "No ma'am, I was not, but sister Nelly was."

"I remember there was a little girl, who called herself Nelly Gray, came in yesterday, but I did not know she was your sister. But why did you not come? You seem to love study very much."

"It was not because I didn't wan't to." and the deep flush again tinged that fair brow : "but," she continued, after a moment of painful embarrassment, "mother can not spare both of us conveniently, and so we are going to take turns. I'm going to school one day and sister the next, and to-night I'm to teach Nelly all I have learned to day, and to-morrow night, she will teach me all that she learns while here. It's the only way we can think of getting along, and we want to study very much, so as to some time keep school ourselves, and take care of mother, because she has to work very hard to take care of us."

With genuine delicacy, Miss M. forbore to question the child further, but sat down beside her, and in a moment explained the rule over which she was puzzling ber young brain, so that the difficult sum was easily finished.

"You had better go out and take the air a moment, you have studied very hard to-day," said the teacher, as the little girl put aside her slate.

"I had rather not-I might tear my dress-I will stand by the window and watch the rest."

There was such a peculiar tone in the voice of her pupil as she said, "I might tear my dress," that Miss M. was led instinctively to notice it. It was nothing but ninepenny print of a deep hue, but it was neatly made and had never yet been washed. And while looking at it she remembered that during the whole previous fortnight that Mary Gray had attended school regularly, she had never seen her wear but that one dress. "She is a thoughtful little girl," said she to berself, "and does not want to make her mother any trouble-I wish I'd more such scholars."

The next morning Mary was absent but her sister occupied her seat. There was something so interesting in the two little sisters, the one eleven and other eighteen months younger, agreeing to attend school by turns, that Miss M. could not forbear observing them very closely. They were pretty faced children, of delicate forms and fairy-like hands and feet - the elder with lustrous eyes and chestnut curls, the younger with orbs like the sky of June, her white neck veiled by a wealth of golden ringlets. She observed I ought not to conclude this long epistle in both the same close attention to their

garb of the sister. She saw at once it was the same piece as Mary's and upon scrulong for her, too, and she was evidently der-ground railroad : ill at case when she noticed her friendly teacher looking at the bright pink flowers

The discovery was one that could not school teacher. She ascertained the residence of their mother, and though that same night, having found at the only store in the place a few yards of the same material, purchased a dress for little Nelly, and sent it to her in such a way that the

donor could not be detected. *

Very bright and happy looked Mary Gray on Friday morning as abe entered the school at an early hour. She waited only to place her books in neat order in her desk, ere she approached Miss M. and whispered in a voice that laughed in spite of her efforts to make it low, and deferential : "After this week sister Nelly is so glad !"

"That is very good news," replied the teacher, kindly. "Nelly is fond of her books, I see, and I am happy to know that she can have an opportunity to study her eyes and dimpling her sweet lips: "But how can your mother spare you both conveniently ?"

"O, yes, ma'am, yes, ma'am, she can now. Something happened she didn't expect, and she is glad to have us come as we are to do so." She hesitated a moment, but her young heart was filled to the brim with joy, and when a child is happy it is as natural to tell the cause as it is for a bird to warbie when the sun shines. So ut of the fulness of her heart she spoke and told her teacher this little story :

She and her sister were the only childen of a very poor widow, whose health was so delicate that it was almost impossible to support herself and daughters. She was obliged to keep them out of school all winter, because they had no clothes to wear, but told them if they could earn enough by doing odd chores for the neighbors to buy each of them a new dress, they night go in the spring. Very earnestly had the little girls improved their stray chances, and very carefully boarded the copper coins which had usually repaid Nelly was taken sick, and as the mother ed by the term organic matter. In burnhad no money beforehand, her own treas-

"O. I did feel so bad when school opened and Nelly could not go, because she had no dress," said Mary. "I told mother carried off in the stomachs of domestic ani-I wouldn't go either, but she said I had better, for I could teach sister some, and t would be better than no schooling. I seemed all the time looking at me on the way to school and I couldn't be happy a bit, so I finally thought of a way by which we could both go, and I told mother I would come one day, and the next I would lend Nelly my dress and she might come, and that's the way we done this week. But last night somebody sent sister a dress just like mine, and now she can come too. O. if I only knew who it was, I would get down on my knees and thank them, and so would Nelly. But we don't know, and so we've done all we could for them-we've prayed for them-and O, Miss M. we are all so glad now. Ain't you too?"

"Indeed I am," was the emphatic anwer. And when on the following Monday, little Nelly, in the new pink dress, entered the school room, her face radiant as a rose in sunshine and approaching the teacher's table, exclaimed in tones as muo glad !" Miss M. felt as she never felt hat poor little girl a calico dress.

OLDEN TIME TAVERN RATES .- The Wheeling Argus publishes the following opy of a record of Ohio county court :

At a court held for Ohio county, on Monday, the 6th day of June, 1780. Present Solomon Hedges, Ed. Robinson, James Miller, and Zachariah Sprigg, gent. The court proceeded to settle the rates for ordinary keepers. Ordered, that the ordipary keepers of this county, sell at the following rates: For balf a pint of whiskey,

1 dinner, " Lodging with clean sheets. One horse to hay one night, 6 Pasturage one night, " One gallon of corn,
" One gallon of oats, " i pint of whiskey with sugar,6 " I quart of strong beer, 4

The currency we suppose, of course, was

The Beautiful Quadroon.

The Detroit (Michigan) Christian Her-

"The case which has excited especial inof nineteen. She escaped from Kentucky, after having been sold for \$1,500 to a sprig that were so thickly set on the white of chivalry, who designed to take her to New Orleans and consign her to a fate at but interest a heart so truly benevolent as which decency and humanity sicken. Soon and washed out of the mellow ground into while the other is deeply plowed in autumn, clared he would have her if he had to residence of their mother, and though "put one foot in hell." Such was her sorely shortened herself of a narrow purse, beauty that she would readily have brought from \$2,500 to \$3,000 in the New Orleans Market. Zilla bas, however, been rescued from the embrace of this putrid monster. She is safe in Canada—has entered a school, and is preparing herself to become

Cure for Scrofula. Nicholas Longworth the great Catawba

wine man, of Cincinnati, publishes the following in the Commercial of that city. Put 2 ounces of Aquafortis on a plate on which you have two copper cents. it remain from eighteen to twenty-four hours. Then add 4 ounces of clear strong coming to school every day, and O, I am vinegar. Put cents and all in a large mouthed bottle, and keep it corked. Begin by putting four drops in a tea-spoon full of rain water, and apply it to the sore. Make the application three times a day, with a soft hair pencil, or one made o she can have an opportunity to study her rags. If very painful, put more water, books every day. Then she continued, a lf not too painful, put less. As the sore little good natured mischief encircling her heals apply it weaker. I request all editors, in all parts of the Union, and abroad, to copy this and to republish it quarterly or yearly, it may save many lives.
N. Longworth.
Cincinnati, Nov. 18, 1854.

THE FARM:

The Garden---The Orchard. A View of American Agriculture. CHAPTER III.

By what Processes the Earth is impoverished. There are three principal ways in which the natural fruitfulness of the earth may e seriously impaired.

1. By removing its natural products; as when a prairie is annually mown for a series of years, and all the hav removed, and no manure or other fertilizer returned. In Europe, where forest culture is practiced. experience has shown that to remove the leaves that annually fail upon the ground to rot and form mould over the roots of trees, is sure to impoverish the land and injure its valuable products. These leaves, as well as prairie grass, contain both earthy minerals called inorganic matter, them. They had a calico dress, when and combustible elements usually designating over prairies, the latter portion of the plants consumed is alone removed from the soil; their ushes remain on the ground where the plants grew. Pastures are deteriorated by the loss of the grass

mais. 2. Soils are impoverished by tillage without cropping, or removing any plant stood it for a fortnight, but Nelly's face whatever. No fact in agriculture is more important than this: All tillage is purely an artificial and withal a most unnatural operation. Nature never ploughs, nor hoes the earth to promote the growth of vegetation. Her highest productiveness is the result of laws, which every farmer should carefully study and learn to follow, in the renovation of cultivated fields. Although all tillage is a mechanical pro-

cess, yet its effects are both chemical and physical on the soil. So far as the chemical results of tillage are concerned, they are quite independent of all crops and other plants. It is not so easy a task as some may suppose to explain, in a few plain words, the several changes wrought in the mould and inorganic part of soils, by the plough, spade, and boe. The mechanical and physical effects of tillage are very obvious to every cultivator. The earth is mellowed-rendered exceedingly porous sical as those of a freed fountain, "I am and admirably fitted not only to absorb atmospheric air, and all gaseous bodies, but efore that it is more blessed to give than to condense them in the inumerable pores to receive. No million-aire, when he saw of the friable mass. The same causes is name in public prints, lauded for his which increase the fertility of a fallowed housand-dollar charities, was ever so hap- field exhaust the soil, if long continued, y as the poor school teather, who wore although no crop should be grown upon it. ner gloves half a summer longer than she If, however, a crop of weeds, grass, peas, night, and thereby saved enough to buy or clover be grown and allowed to die and rot on the ground or be ploughed in, the soil will be enriched by the operation. But if a field be annually ploughed and boed, as for a crop of corn, tobacco, cotton, or sugar-cane for twenty-five years, and no plant whatever be allowed to grow on its surface, the mechanical and chemical changes, associated as they must be with nure upon an sere of land, and plough, and phosphorus may be spared from the Butter cured with half an ounce of mit. harrow, and hoe the ground twenty-five poorest soils, without injury ; while some quarter ounce of salpetre, quarter ounce of years, as for crops of corn or cotton, but so abound in the elements of crops as to moist sugar pounded, used in the propor-

soil? Certainly not. If manure will decompose and disappear like wood consumed springs, wells, and rivulets, may not simi- bined action of air and frost. lar minerals naturally in the soil, and ren- Take two plots of heavy soils, side by dered soluble by tillage, be also dissolved side, and let one lie unmoved till spring,

The principal object of ploughing and ed plants, and appear at the harvest.

Under certain circumstances, the loss by eaching and solar inuflences is very large. In producing small crops of corn, cotton, wheat, and other plants, the waste of raw material is far greater in proportion to the harvest, than in large crops whose roots and foliage cover the surface both in and above the soil universally. Small corn or cotton plants, and these quite distant one from another, greatly favor the volatiration of all volatile substances and the washing away of all soluble elements.

3. Tillage and cropping exhaust land faster than it can be done in any other way short of carting off the surface soil in a mass. The degree of injury inflicted by this operation is very variable : not only on different fields, and soils, but on the same surface at different times and seasons. A light, open, sandy soil that has no clay foundation will not bear ploughing and cropping so long, with so small deterioration, as the same soil with a clay sub-soil. Light, sandy soils abound in North Carolina, Virginia, Maryland, Georgia, and South Caralina, and most of these when fresh yield fair crops. Their red clay lands are not so easily worked, but are nore enduring and generally more produc-

The limestone soils of the Cherokee ountry, of Tennessee, Kentucky, Missouri, and other States, are altogether different from any formed from the flebris of granitie, metamorphic, and sand rocks. It is impossible to form an intelligent opinion of the exhaustion of a soil by any given amount of tillage and cropping, without knowing something of the parent rocks from which the earth was derived, and omething of its physical and chemical of geology and chemistry is invaluable to

lime to a degree.

grometric properties.

salts with peculiar and remarkable affinity, profitable to them as any other class of When well drained and thouroughly tilled, they yield up their nutritive constituents so !- New Brunswick Fredonian. as fast as is profitable. Where one has but a small surface to operate on, the application of clay to sandy soils is very usecultivates his land, removes all that it procrops from his fields; the larger the amount of potash, soda, magnesia, soluble flint,

earth whence they were taken. proximation to the truth, in the present twenty-five loads of well rotted stable ma- lime, potash, magnesia, sulphur, mould, no task at all. plant nothing and permit neither grass nor furnish an amount twenty times larger, tion of an ounce to each pound of butter, weeds to grow thereon. Would any of without exhausting the supply of earthy will be found to keep good a larger time, which allowed the supply of earthy and have a supply of earthy and h the dissolved elements of this manure reminerals. This point will be farther dissented in the surface cursed in the next suspect.

We know of no treatment so directly tinising it very closely, she became cer- ald, of the 28th ult., says that twenty- in a fire-place, may not vegetable mould beneficial for almost every class of soils, as tain it was the same dress. It did not eight chattels arrived in that city during do so likewise? And if the mineral known that of throwing up land in narrow ridges fit quite so pretty on Nelly, and was too the previous ten days by way of the un- as common salt and salts of lime and pot- in the fall or early winter. There are few ash will readily dissolve on the ground in soils worth cultivating at all, that do not rain water, and pass in a state of solu- contain more or less materials which can terest is that of a beautiful quadroon girl tion deep into the earth and reappear in be made available to plants by the com-

that which pulsated in the bosom of the school teacher. She ascertained the hundred dollars for her recovery, and de- and the ocean? is important. To secure the greatest adhoeing is to increase the quantity of avail vantage, a single furrow should be thrown able food for the crop; but while the up and another backfurrowed directly upon plants are present in the soil and growing, it so as to produce a high ridge, then anit is by no means certain that all the ma- other ridge is to be made in the same mannure or other fertilizers applied to the ner with a deep dead furrow between the land, or all the elements of the crop natur- two. The process is to be continued thus ally in the soil, enter the roots of cultivat- through the whole field, so that when finished it will present a surface of high ridges and deep dead furrows succeeding each other, about once in two or two and a half feet. If prepared in this way, the frost will penetrate far downward, loosening and disintegrating the soil below the furrows, while the ridges will crumble down, and as they will not hold water the air will circulate freely through them, decomposing the mineral portions, and con-

> of good manure upon clay or compact soils. In the spring it will only be necessary to run a plow once or twice through the centre of each ridge, and then level the whole down with a heavy harrow.

veying in ammonia, and other gases. This

operation will be equal to ten or more loads

Another advantage in this process is, that when land is thus prepared it dries out and warms several days earlier in the spring. Again, there are some soils that are exhausted upon the surface, but which contain poi-onous substances in the subsoil. If this sub-soil is thrown up in contact with the air and frost during the winter, these poisonous compounds, usually protosulphate of iron or manganese, will be destroyed or changed to a harmless form, during the winter.

The above practice is especially to be ecommended in the garden. One of the most successful cultivators of an acre of round in our acquaintance, digs it up in the fall to the depth of three or four feet. making deep trenches and high ridges so that the whole acre appears to be covered

high winrows of hay placed close together. We strongly urge every farmer who has not tried this method, to lay out his plans now for experiment in this way, on a large er or smaller scale, during the present season .- American Agriculturist.

properties. A knowledge of the principles Good Manure, best stock for Farmers. A Farmer " well to do" in the world. what are the natural capabilities of any the best stock in which to invest his surarable land; and what elements of erops it plus funds, whether Railroad, Bank, or is most likely to have in too small a quan- State Stocks? We told him he had better apply his surplus funds to the manufac-It often happens that a soil partakes ture of a good manure hear, and let Railvery little of the character of the rock that road, Bank, and State Stocks alone. We lies but twenty or thirty inches below its consider it the height of folly for a farmer to meddle with fancy stocks when he has This is owing to the circumstance that any waste or unimproved land, or builddifferent kind of rock has furnished the ings, or fences that need repairing, with earthy matter deposited above the solid which to use his surplus money. The strata. In several counties in Western dabbling in stocks or interest money has New York, the soft Medina soft sandstone always been the result of short-sightedness as been comminuted and earried by tidal on the part of the farming community, escurrents, glaciers, icebergs, or some other pecially when the money might be more moving force, many miles southward, and usefully employed in hiring men to imspread over lime-rocks, hundreds of feet prove and put their lands in the highest higher than the parent sandstone, both ge- possible state of cultivation, instead of ologically and typographically. Although half or quarter tilling them, as the vast resting on lime-rock, these soils often lack majority of farmers do at present. Our agricultural friends need waking up on The durability of a soil is governed, in this point, and to be thoroughly aroused an eminent degree, by its texture and by- to the fact that it don't pay to work after the manner in which their grandfathers did Tenacious clay lands retain fertilizing before them, for "old fogyism" is as un-

Winter Butter.

community. Wake up, and see if it is'at

In many parts of our country the art of making good butter in winter is very imful. The deeper and more thoroughly one perfectly understood, and by some dairy women thought to be entirely impossible. duces, and makes no adequate restitution, But it can be done in December as well as the faster will be impair the natural capa- in May. The plan of doing it is this : the bilities of his soil. No matter with what cows should be stabled and fed on sweet skill and science a farmer extracts immense hav and other provender. Instead of keeping the milk in a warm place it should be put in a cold one, and no matter how soon phosphorus, sulphur, chlorine, and orga- it freezes, because freezing it will separate nised nitrogen, caried off in crops, the the cream much more perfectly than is poorer his land must become, unless a part will rise without the atmospherio tempeof all these ingredients be returned to the rature, and it can then be taken off with less trouble. And when the cream is It is impossible to say, with any ap- churned the churn should not be placed very pear a fire : the ordinary heat of a the leachings and washings of innumerable infancy of agricultural science, how much kitchen would be sufficient. Too much rains, would result in removing from the of the inorganic food of plants may be warmth destroys both the complexion and surface of the earth nearly or quite all of safely removed from year to year in grass, the flavor of butter. In the win'er, butits vegetable mould and the soluble mine- milk, meat, or grain, in cotton or tobacco, ter, it is evident, requires more time in ral food of plants. To test this principle from an acre of common fair land, with churning than in summer, but when pain nature, suppose a farmer were to apply out detriment. A little of dissolved sand, tience assists the laborer, the task is made

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