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#### Editorial.

Keep the Cellars Clean.

In every well regulated City or Town, the authorities require that all the premises, including cellars, should

results.

early as possible in the spring let some of the windows be opened for ventilation. It is a good practice, on fine days in winter, to have a little fresh air admitted. To provide for this, one or two windows with double wall, which could be opened and shut

at pleasure. When spring is fairly upon us, empty the cellar of every thing that can be taken out, then sweep thoroughly the walls and floor, and leave it exblow, for eight or ten days. In the meantime scrub and clean every arvegetables, including even those that consistency of cream, as it will then have a body which a thin mixture will not. It is presumed, of course, that after everything, vegetables and shelves, &c., have had a thorough indispensible.

One of the most effectual ways of ventilating a cellar, is by way of a flue in the chimney. This cannot always be provided in an old house. but whenever a farmhouse is built, this can be provided for at little or no exra expense.

of Agriculture for the State of Georgia climates that exist in this country; which was mowed each year and the has been received. It is the result of and for the first time reports come grass carried off. It thus grew poorer the Soil Test of Fertilizers, conducted from Ohio that this popular variety and poorer, and the trees were stuntunder the direction of the Commis- begins to fail in that State, where ed and covered with moss. Then sioner, during 1876. The following is for 25 years it has been grown in new treatment was begun. All

required 500 lbs. of each brand of fer- the scores of varieties, except the manure &c., until a considerable thickto a thorough soil test. The persons a longer or a shorter time, are sure to growth commenced, and improved designated to make this test were be a seccess in any locality, except crops of apples were the result." selected from among the most intelli- where they have been fully tested. PAINT AND REPAIR YOUR IMPLEMENTS. gent and enful farmers in the State. In consequence of this fact, those who No farmer should fail to put his As far as possible, each sample of 500 are desirous of obtaining new varieties, farm implements in good order before lbs. was divided into three equal por- which have not been tested several work commences in the spring. tions, and one portion sent to each years in their vicinities, must run the Some of them, undoubtedly, need section of the State-Northern, Middle, risk of the result. No particular painting; and othres, perhaps, are possible, an ammoniated and a non- said in grape circulars, about the broken, or a bolt, or a nut missing.

Put a teaspoonful of ammonia in quart of warm soapsuds, dip a cloth i it and go over your soiled paint and see how rapidly the dirt will disap-\*pear; no scrubbing will be necessary. It will cleanse and brighten wonder- seeking for good varieties is to say: can be obtained of the maker; and if fully.

## Correspondence.

For the Colonial Farmer.

RURAL TOPICS.

HOW TO MAKE A HOTBED, A good hot-bed may be made upon Brighton, Champion, Worden's Seed- for a neighbor to be called on to lend come subject to the pest. The long be subject to inspection, in order that the surface of the ground, piling up ling, and Lady, the last named being a hoe, shovel, or other farm imple- prevalence of dry winds may do this. neither dirt nor decaying vegetable the manure from two feet six inches a white grape, All of these are said ment, when they can be bought for It is better to prevent the difficulty matter should be permitted to remain. to three feet high, and at least six to be good, but as to quality they may 50 cents to \$1.50. Remember, too, than to try to cure it after it has The effect of this wise provision is, to inches wider all around than the be good, and they may not. Then that the best tools are the cheapest gained a foothold. Keep watch of the prevent diseases not only from spread- frame. This extra width tends to they are said to be early, the Champion in the end. ing, but also to remove every cause preserve the heat within the frame; being claimed to be ten days earlier for their being generated. In the rural and if it be a foot wider than the than the Hartford Prolific; but when districts no such regulations exist, or frame it would be better than six we consider that about three-quarters if they do, they are a dead letter. In inches. The situation should be where of the grape vines sold during the respect to these things, farmers do the soil is dry; and the bed should last 30 years have been humbugs, if what they think to be right in their front to the south, or as nearly south not frauds, as to quality and earliness own eyes, without considering, or as the location will permit. The claimed for them, we cannot expect perhaps it is better to say, without sashes should either be procured be- that any very great reformation has knowing, what may possibly be the fore the bed is made, or their exact taken place in the morals of grape size should be known when the frame vinevenders. Buy sparingly and with Nearly all the cellars under farm is made; and the frame may be made the expectation of being cheated in houses are the receptaeles of every to hook closely together, so as to be some degree, and then all will be variety of vegetables, particularly removed, and easily stored away when right. As an instance of misrepre-

during winter. There are always not in use. Fresh horse dung is the sentation, some years ago the Walter singing-schools, in which the young more or less of these that are far from best manure to produce heat. It grape was extensively advertised as united, quiltings and house-warmings, some thirty years since, it would have sound when stored away, and many should be thrown into a heap and wet ripening in New York State in August, are put away in an unripe condition. slightly about a week before it is and as being "the only rasin grape state of society, that the old settle. Decay goes on from day to day in placed on the bed, and turned over in the United States." It turns out ment cannot keep them up? If so the ones food, as we did afterward. both cases, and as the season advances once or twice before using it to in- with me to ripen with the Concord, descendants of the sturdy and rather towards spring, there is a good deal crease the heat. When put on the and to be no rasin grape at all, and of putrid matter of one sort or another bed, tread it down firmly, and cover not worth cultivating at this late day, produced by fermentation. From this it about six inches deep with light, when there are so many better and serious views of life, loved innocent in the soil, as in the case of new lands, stuff there is constantly thrown off rich soil, and ascertain the degree of varieties. poisonous gases, which find their way heat when you desire to sow your into all parts of the house itself, and seeds, by plunging a thermometer render it a very unwholesome place into the soil; and if too warm, wait a to live in. Frequently the tenants day or two for the bed to cool. Seeds aware of this, from their will stand a heat of 90 degrees very almost constantly inhaling the vitiated well. Sometimes seeds are grown in air, and for another reason, that it has pots and pans, which are plunged into made its appearance so imperceptibly the manure without any covering of and unobserved, that even when a soil; but in such a case, it should be stranger entering the dwelling is at covered three or four inches deep once cognizant of it, the people of the with sand or ashes to retain the heat. house may not even surmise that any- Wooden boxes six inches deep, made of very thin boards, about two feet

thing is wrong. There is nothing more likely to long, and one foot wide, would be superinduce fevers of various kinds better than pans and pots for some than impure cellars, and many in- kinds of plants. The bottoms might stances might be adduced to show that be of zinc, or galvanized sheet iron, such is the case. It must be remem- perforated with small holes to allow ered that a small quantity of decaying water to pass through them, if the matter, is enough to introduce siek- watering should be too copious. Such ness into any house. A half barrel or boxes could be packed in without any less of rotten potatoes, turnips, onions, waste of room; and they could be or other like vegetables, will do more easily removed to fork up the bed mischief than many persons are ready anew to increase the heat, or to allow All such impurities should a new bed to be made, when the heat be removed as soon as detected. As of the old one is too much exhausted.

show the least signs of rot or decay, of the spurs. A spur four feet long, followed, but it is necessary that the But this belongs to the olden time. every fall. Here the poultry delight and feed them to the stock. Before with eight to ten buds, I should cut clover be grown to be turned under at Now-a-days, when Biddy reigns in the to wallow and roll in the sun. It is returning anything to the cellar, go back to two or three buds, and the the proper time, if the land is to be kitchen—when machines are whirl- also kept and used on all the other wash, which apply to ceiling and the nearest bud. As you approach out manuring. walls. Let the whitewash be of the the end of the cane where the spurs are shorter, one or two buds only should be left. Where vines are laid down, and protected for the winter, of course, no pruning can be done till all, are removed, that the floors, bins, taken up; but I presume no one, who is worthy of owning a grape vine, raking, scraping, and cleaning; this is has laid down his vines unpruned.

WHAT GRAPES ARE BEST. ammoniated fertilizer was sent to each adaptation of vines to all localities; While you are at the blacksmith's, it offered for sale, because testimonials liable to have then lost when in use.

ROTATION OF CROPS.

keep a farm in a good state of fertility without any manure, except what s made on the farm. In the first first spreading upon the field what as you please, according to the length tial that the above system be strictly happy social life.

TOP DRESSING ORCHARDS.

A writer on this subject says: "The most perfect treatment for an orchard to give vigor of growth, is to cultivate the surface in connection with a yearly moderate application of manure Heavy top-dressing without cultivation will produce decided results. We visited an orchard which had There is considerable interest felt years received an abundant top-dressin the new varieties of grapes; and ing. All the manure that could be every person who desires to plant a spared went to the orchard. The melfew vines next spring is interested in low surface could be kicked up with the ascertaining what varieties he had boot among the grass. The trees bore better buy. They who have not got heavy and excellent crops. The Lonthe Concord should obtain it as the don Garden mentions a similar in-Circular No. 35 of the Commissioner most reliable grape in all soils and stance. An orchard stood in grass, the manner in which the tests were perfection. But you want, perhaps, of refuse matter were wheeled or cartseveral varieties; but among all that ed on, such as sifted coal-ashes, old The Commissioner of Agriculture exists, no man can say that any of tan, scrapings of roads, fragmentary tilizer sold in Georgia, to be subjected Concord, that have been in the market ness had finally accumulated. A free

to retire into winter quarters like ; as to quality are often given by men You should also have duplicates of

Hybrid, No. 15) and Concord, are the sider yourself fortunate. Now is the in the way of a sickly growth, which

#### Miscelluneous.

Country Life in the Winter.

such rural enjoyments as apple-bees, and there are seasons when it should severe old-fashioned folks, -who, nothilarity and jovial gatherings nearly the vines would never become so weak as well as they did their psalms and as to succumb to the presence of this A judicious rotation of crops will long sermons, -ought to invent some- parasite. Certain it is that potatoes

content themselves with a humdrum manure you can spare, and turning sort of life. Perhaps it comes from it under as fast as spread, or the same there being a different sort of young ject of fertilizers. Nothing seems to day at least. Deep plowing is not people in the country, now, that such put the land in better condition for necessary in plowing sward land for a practical and happy frolic as an this crop, as indeed we might say for corn; but it should be turned over apple-bee is no longer in vogue. We many other crops, than the plowing flat and evenly, and after harrowing can imagine that a young lady might the land the corn should be planted not wish to leave her Atlantic Monthly. immediately, so as to get a good start or her Tuesday's Advertiser with ahead of the grass. The next year Joseph Cook's last lecture on Immorthis land may bear a crop of oats tality or Transcendentalism, to join a barley or spring wheat. Seeding it "paring" party. But think of the olddown to clover or to any other grass time picture: In the ample kitchen. with it, the clover being necessary with its great fire-place piled high to fertilize the land the third year, by with wood, that sends the flames -Phrenological Journal. turning under a second growth (the cracking and roaring up the chimney, first being cut for hay) early in Sep. the boys and girls of the country tember, and sowing the land to wheat neighborhood are gathered. Some or rye, and seeding it down to grass have paring machines, and are making again, omitting to sow the clover seed | the jackets fly from heaped-up pans of in this case till the following March Greenings and Spitzenbergs. Others The proper time to prune grape when it may be sown even if the with knives "quarter and core," and vines is in the fall; but many persons ground should be covered with snow; others with needle and thread string

> during the winter. Let Farmers Clubs be formed and meet at the houses of members, or at the school-house. Let informal gatherings for games and isiting be encouraged. Let reading clubs be organized. Twenty persons can in this way hear a book as quickly as each could read it separately. and much more profitably, if criticism suggestive comments be en couraged. Let the young people form a club and go sleigh riding regularly to the nearest Lecture Course. Revive the debating societies -- those nurseries of democracy-with a small "d"

bear, and exist by sucking their paws until spring .- Golden Rule. The Delaware, Iona, Agawam (Rogers, you never need them, you may con- ured with animal fertilizers, we put it longer form.

Anything to break up, healthfully

a rest." Neither the farmer, nor hi

sons, nor daughters, nor man servant

four best old colored varieties, which time to attend to these matters. In may result in making it a fit subject may be risked in any part of the regard to hoes, shovels, spades, &c., it for this parasite. Climate conditions country where the Concord ripens. is best to have a surplus, to be used also have much to do with it, and may There are several new varieties which in case you want to employ extra so weaken plants which have none of have lately come into market, as the help at any time. It is unpleasant the foregoing conditions that they bevines for a few days after a cold night or after a heavy rain, and if the leaves curl, or if at any time they show signs of drooping and withering, it is best to apply the preventive. This is plaster, sprinkled on and about the It doesn't speak very well for the plant. It should be well pulverized inventive power of our rural popula- and applied when the air is still, a tion, nor for their social instincts, that handful or two in each hill. The apthey have allowed the old-time merry- plication may need to be repeated making to die out without providing more than once, but it is believed that anything to take their place. Were if continued it will prevent the plague;

be done at all hazards. If this would

merciful, than to send the starving There is reason to believe that if an abundance of ashes is used in fertilizthing more acceptable to modern grown on new land are seldom or never troubled with the rot. Equally Instead of doing this, however, the certain that those highly manured great majority of rural communities from the barnyard are extremely in of clover, buckwheat, or some similar green crop. If careful experiments in this line should be faithfully

Dust for Animals in Winter.

pursued, we might yet find out that

barn-yard manure and the cattle to

been so long taught to consider them.

The almost indispensable necessity of an amply supply of dust for animals delight in a dust bath. Chickens who neglect to prune at that season, and and as soon as the snow is gone and the pieces for drying. It is a busy will never be troubled with vermin in cases where the vines have not the land is dry roll it and the clover scene, but not so busy as to prevent either in their houses or on their been pruned, they should be attended seed will catch well. There is no the joke, the song, the story, and even bodies. Cattle delight to stand in to the first pleasant day; and not kind of grass so good as a green fer- the sly love-making. Before the old dusty road, scraping it up with their wait till the sap begins to flow, as tilizer as clover, as its roots penetrate sentinel in the corner has ticked out fore-feet and flinging it all over then they would "bleed," and be the soil quite deep; and with the eleven o'clock, apples enough to their backs. The cheapest and most badly injured. In pruning grape green clover turned under it is equal festoon the great kitchen have been effectual cure for lice on cattle is to vines, you are merely to put the vines in fertilizing land to a moderate spread strung, and the floor is cleared for a scatter a quart of perfectly dry dust in good shape, being careful to save of stable manure. We are now on hearty dance, to the inspiring notes of along the spine from the horns to the the most of the best canes of last the fourth year with wheat or rye a vigorous fiddler. It is no languid tail. In winter, when they cannot the fence-row clean. Weeds, briars year's growth, which may be known and the land properly seeded. The "walk around," made for posing and get it, many animals become covered and sprouts should not be permitted to from their reddish color. The ends fifth year may be a crop of hay, and showing off good clothes, but a with vermin. The writer has a rainof the canes saved may be cut off to the sixth hay or pasture, to be fol- genuine, joyous, innocent dance. tight wagon shed, with strips eight suit your trellis space; and the side lowed when desirable with another Homely and rustic ?-Yes, but natural, inches wide nailed close to the ground spurs cut back to one bud, or as many rotation of crops, but it is not essen- free, mirthful, and promotive of a on three sides, into which half a dozen cut is to be made several inches from kept in a good state of fertility with- ing and clanking everywhere, from stock at stated intervals, and no of the rails is a great advantage to beating eggs and washing clothes, to vermin of any sort is ever seen on their longevity. She fence should not of quarter, any more than at other moving away the hay-when every. certain remedy for these pests, while thing goes quickly to market from the stock strives by being supplied the farmer's field and door-when the with what they crave, and what in a young folks "go west" or flock to the state of nature they would surely supply themselves with, but which changed. Yet this is no reason for they cannot when restrained and tied

social stagnation in the country in yards and stables .- Prairie Farmer. A Minnesota farmer tells in the Farmer's Union how they have to save prairies, where we either pay \$8 per | them to all our readers: cord for wood, or burn "slow" hay The young women of our American

the monotony and sluggishness of the long season when nature is "taking nor maid servant, should be content THE POTATO ROT owes its existence by and letting in cold; also a storm- no real purpose to waste their lives in by them. to a plant of fungoid growth, belong- house, or storm-door, is a great saving this way. And it is a high crime in and Southern Georgia. And as far as credence should be given to what is not in good repair, a brace being spores are present in most atmospheric similar to the old-fashioned elevated and the public press to pander to this ing to the same family as mould. Its of fuel. The drum on the stove is mothers, teachers, ministers of religion conditions, ready to seize upon any oven, which we used to see in our boy- insanity. Thousands of good-hearted favorable soil for their development, bood days. I am writing by a bay young girls are sacrificed every year nor to the testimonials in regard to would be well to get a few extra nuts This soil must be some other plant, fire. I burn one-fourth cord of wood when a little wise and loving guidance and that in a sickly condition. It in two weeks-\$2; and \$2 worth of could save them. could find no foothold upon a potato of hay (a ton) will last me from four But we feel they should be told that plant in a strong and healthy con- to five weeks; but it takes lots of time unless they change this life they will along the belly to the setting on of and pointing out its merits, he happenwho are not good judges of grapes. such parts of your mowing machine dition. If, therefore, the potato be to "twist" it into jest such shapes as pass away like the flowers of June, the tail, which should rather project.

What is Pure Blood.

the important subject, how long shall thoroughbred animal be bred by crossing with a scrub, befor becoming pure blood? The English rule is, to cross four times with the female, and five times with the male. We take a half-blood and cross with a pure-blood, and we have a quarter-blood, and at the fifth cross we will have an animal that has thirty-one parts pure blood to one part scrub-that is, if we compute the crosses arithmetically -but when we take into consideration the fact that the pureblooded animal prepotent over the scrub, then the animal has but a minute portion of serub blood. When a pure-blooded short-horn bull is crossed with a scrub hundred pounds are sold at a less weeks old. The cows when fatted arithmetically, for the prepotence of hundred and fifty to three hundred sometimes from 15 to 16. Oxen from scrub, controls to a greater or less degree the value of the progeny. The future beef and butter of this country depends on the value of crossing. I And this tendency of the market to Herefordshire, which seems to be with an Ayrshire bull, and the result was an Ayrshire calf resembling his male parent, and with not one perceptiable point in favour of its mother; thus the scrub was almost entirely lost. It is impossible to say that a certain number of crosses will produce and so every pound added becomes calf was worth from 12 to 15 guineas, bull is the most prepotent animal on earth, not only particularly but generally; and for example we will take the Seventeens. Suppose there have been nineteen crosses since the importation of 1817, at the present time rooted that, notwittstanding all the there would be one two-thousandth attacks which have been made against part of scrub blood in a straight Seven- it since meteorology has been seriousteen; that is, if it was computed arith- ly studied, it continues to retain its netically, but when you take into hold upon us. And yet there never consideration the prepotence of the was a popular superstition more utterpure-blood over the scrub you would ly without a basis than this one. If

CHANGE THE RAILS .- There are several ways by which the lives of our fences can be prolonged. One of the essentials in preserving rails is to keep length may be. A frequent handling years if old rails, or more than five if of the rails is changed and many

From an able and interesting article from our forefathers without questionfuel in his State: - I an not talking to in the Universalist Quarterly for Octo- ing for a reason. - Ex. those who have got "dead loads" of ber, 1876, on "Beauty in Common wood, but to those who have to "go Life," by Rev. A. D. Mayo, we extract slow" on fuel. Out here on the the closing paragraphs, commending

for fuel, we make every straw count: cities hold in their hands a power for finest specimens of British cattle; such for they won't dare. I believe this It has got to be a common expression good or harm. The grand foe of here that "you put in storm sash on American social life is in the tendency your windows and you will save one to luxury and effeminacy among the barrel, produced by a broad projecting half your fuel; you put a good sheet- well-to-do young women of our Ameri- rib-the loins broad, the hip-bones iron drum on your stove and you will can cities and large towns. They do spreading wide and standing high save the other half; and you put a not realize how this dreadful mania and level with the top of the back, damper in the pipe above the drum for expensive pleasures, and a life of and pushing forward to the first riband you will have fuel to sell." This alternate idleness and amusement is long and flat quarters, &c.; and conis "too thick;" but the storm sash destroying their health; abolishing sidering the size and weight of these are nice for two reasons: they keep true marriage; feeding the flame of animals, they are remarkably small in the rope being fastened to the ring, out a great deal of cold; and what is gross sensuality and intemperance the bone, but the feet are more spread fasten it securely to one of the foremuch more pleasant: there is always among young men, and saddening the than those of lighter cattle. The oxen a clear view with no frost to scrape hopes of the best parents of the land. are in great repute for purposes of off, if you wish to look out; save run- Some of them never will know it in husbandry, the plowing in the county

The best I can do for those who are as are most liable to break. These planted on low, moist lands, or on our grandmothers used to do up skeins and a more hardy and resolute class The legs are alse often white, or equal clayev soil, or if it be strongly man. of yarn, only the hay will be in a occupy their places. American society will shed every class of triflers, according to the color of the animal; had been gummed on.

work, as the forests shed their wither- end of the tail. The following remarks were made ed leaves. Let them awake from The bulls, like those of Devonshire, by President Welch, of the Iowa Agricultural College, at the recent shorthorn breeders' convention: - While coming here to-day, I was thinking of

in pleasure; study domestic economy; health and high blood. study social skill and tact; fit themselves for the noblest positions ever the Herefordshire farmer, the dairy, yet offered to their sex, and learn that of course, is not much considered, and woman is the soul of American life, the quantity of milk that an individual not the tinsel on its garment. O, that cow may give is not often ascertained. all who have the care of such may be The calves are kept with the cows; gifted with persuasive love that will and the farmer only attends to the win them to holiness and beauty in dairy as a convenience for his own Wallace's Monthly says: "It is only a from one cow, or 2 lbs. of butter by

make the third one hundred pounds, or eight years back a good cow and more expensive."

#### The Moon's Influence.

The notion that the moon exerts an influence on weather is so deeply now produce from £20 to £30, or more have an animal as near perfection as the moon did really possess any power it is possible to get. What are the over weather, that power could only excellences of the short-horn but his be exercised in one of three ways-by merit, and power to transmit that ex- reflection of the sun's rays, by attraccellence and merit to his progeny? tion, or by emanation. No other form I recognize also, the value of strains of action is conceivable. Now, as of families. The value of a strain is the brightest light of a full moon is hat that particular family produces never equal in intensity or quanty to tions the conjoined effect being such We often find that which is reflected toward us by as to render the air mephitte and unfit or inferior bull, if he be of a good scarcely be pretended that weather is the morning air, and you daily miss family, will breed back to some of his affected by such a cause. That the ancestors and reproduce them. The moon does exert attraction on us is principle that like begets like seems manifest-we see its working in the it is most unlikely that it can do the same to air, for the specific gravity of the atmosphere is so small that there is nothing to be attracted. Laplace. calculated, indeed, that the joint attraction of the sun and moon could twenty-none if in the enjoyment of not stir the atmosphere at a quicker health more than eight. - The Science

rate than five miles a day. As for of Life. lunar emanations, not a sign of them has ever been discovered. The idea of an influence produced by the phases of the moon is therefore based on no recognizable cause whatever. Furthermore, it is now distinctly shown that no variations at all really occur in weather at the moment of the changes ment of metrological stations all over the earth, it has been proved by millions of observations that there is of no simultaneousness whatever between the supposed cause and the supposed effect. The whole story is a fancy and a superstition, which has been handed down to us uncontrolled, and which we have accepted as it came

Hereford Cattle.

sidered as marks of true beauty in the yet they cannot jump a two-foot fence, as a light fore-end, broad and deep proof. There is only one objection bosom, straight back, and a round to it; it will wear off the hair on the

circle round the ears at the insertion :

male or female, that does not do its mostly having a white tassel at the

their dream of social indulgences; are apt to be high and thick upon the learn to live out of doors; to build up neck, which cannot be considered a their health; to cultivate more simple | blemish, it being peculiar to the bull tastes in dress, and more moderation only, and is undoubtedly the effect of

As breeding is the first object with family; but it is said the average of a good dairy (of which there are a few) SMALL PIGS GROWING IN FAVOR .- is about 3 cwt. of cheese in a year few years since swine breeders were the day through the summer-the vieing with each other for the great- calves are of a thrifty nature, the veal est weight of carcass; but this is of a fine grain, and weighs from 24 to changed. Hegs that will weigh five 40 lbs. per quarter, at six or nine price per pound than those of two weigh from 9 to 12 score the quarter, pounds. The market in England has 14 to 18 or 20 score the quarter. They long favored light weights. London have thin hides, and the weight is is chiefly supplied with pigs of less proportioned to the size of the animal. than two hundred pounds weight. There is a smaller breed of cattle in pigs well fattened but of small weight crossed with some of the coarser is just what the farmer should en- Welsh breeds, that have a much courage, for it is exactly in the line of harder and heavier hide than the his interest. It costs more to make larger sort, which shows their excelthe second one hundred pounds of a lence in nothing so much as in having pig than the first, and still more to a fine soft skin and small bone. Seven which at present would fetch from 18 to 25. A pair of steers, or young oxen for work, then worth £28 now fetch £38, and such oxen from the yoke that were worth £18 each, will

### The evil of late Hours.

The rising sun draws forth qualities from earth and vegetation most conductive to the moral and physical health of the working man; the invisable air is laden with properties which stimulate, his powers and refine proper time for quitting the bedchamber into which the breath has been exhaled for many hours and the that can be prescribed. The most subtle logician cannot gainsay this fact; but even were it not syllogistically demonstrable, the instincts of the animal and vegetable world would bear testimony to it in the example they set to man. No man should sleep less than six hours out of four-and-

Jumping Cows .- I had a steer a few years ago that was in the habit of jumping, and I tried the horse tamer's girdle, made like any blanket sureingle, only stouter; and attached to the girt, on a level with the forearm angles, one on each side, and these straps passed around the fore arm. passing between arms on inside, and coming round to buckle on girdle on the outside, and buckling up tight enough to shorten steps some. Do not put it on too tight; they would stumble over a six inch rail lying on the ground. Any persons can make one by passing over the back a girdle, and then the right angle strap each side of brisket as high as can be on a level, and bring strap around forearm to girdle and buckle the fore arm back to the girdle where the strap is fastened on. This fetter is not The best Herefordshire cattle dis- in danger of gettin hung by, and does play all those points which are con- not obstruct freeding in the least, and

the savagest bulls tamed by bringing

parts white and brown, or red spotted, examination, it was found that the tail