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Editorial.

House and Bedding Plants.

About this season of the year, when the days are growing longer and the sun stronger, almost every one is looking forward to green grass and flowers. Here and there indications are seen in the shape of flowering plants, that window decoration has already commenced. During the long, tedious winter, many house plants have gone the way of all such things, from want of attention, or more particularly from want of a proper atmosphere in which to place them. The close heat, the dry atmosphere, the smoke of artificial light, has been like consumption to the plant, if not really death itself. The Spring is breaking, we miss our beautiful flowers, our rich foliage, and our first thought is-How shall we make up our loss? Some years ago, this would to which sheep are usually confined, culty, but now the remedy is at hand. ally to prevent scouring or diarrheea. We have but to go to our florists and They should be tagged before they are

plied at once, and at moderate cost.

that this enterprising florist, who only | Those that have not lambed should be last season commenced operations, has laid on their sides during the operation. a splendid assortment of plants, such as are suitable for window, veranda, fortable or a sheltered place to lamb able for garden decoration and bed they rarely need attention. moderate when compared with those any retention of water. that have formerly been paid

of flower seed to dispose of, which he good. If the teats are closed, and the has tested, and can therefore warrant; lamb does not appear to draw the and knowing how many times we milk, squeeze them out with wetted have ourselves failed in procuring the fingers. If this fails re-open with a those who wish them to give him a needle, inserting it no further than call. We must not forget to add, that necessary. The lamb will keep them bouquets, wreaths, crosses, or other open after that, but should inflammafloral ornaments will be supplied by tion follow, and the ewe refuses to let Mr. Bebbington at the shortest notice. the lamb suck, she must be held for

Manual Labor.

considered highly respectable. The Should a ewe disown her lamb, which lads looked forward with pleasure to occasionally happens, or you wish her that period of life when they would to adopt some other lamb, she should The able to enter the work shop or field, be confined alone with it in some dark with those of riper age and larger ex. place, and if possible out of sight and up to womanhood, were happy when several times a day for the lamb to able to bear their share of household suck. It is stated as a fact, that when work and care, for both boys and girls a ewe loses her lamb, and you wish believed in the dignity of labor. her to adopt another, that by taking Gradually, imperceptibly, but surely, the skin of the dead lamb and tying it a change has taken place as years on the living lamb, it will have the have rolled up, and the boys and young desired effect. Docking and castration men of the present age have and still should be performed when the lamb is are exhibiting a growing aversion to two or three weeks old, and the wounds honest, manly toil. There are, we smeared with a compound of butter, are glad to say, many exceptions to tar and turpentine. The tail cut off this rule, and we would say all honor so that no part of the bone is left to those exceptions. It is wonderful uncovered. what haste there is to get rich in these times, and how various the means adopted to reach that end. Though but in all such cases they should be thousands fail where one succeeds, - protected frem cold winds, storms, and the success of that one is sufficient to chilly nights. In warmer countries, keep the ranks of adventurers con- sheep are usually washed before sheartinually full.

means and methods, young men will adopt to escape what they call hard work. To be an agent of some firm, to give it its natural bright appearthe vender of some book, the peddler of clothes-pins, hat hooks, window fastners, tooth powders, knife sharpeners, maps, or any other thing or trap, is frequently sufficient to tempt young men to leave an honest, honorable employment. Just imagine a ro hearty, healthy looking young fellow, endowed with every requisite ashamed.

ous are those where labor is looked loosely, making your bed about two ners, placing them three and a halffeet upon as honorable. The old world is feet thick and eight feet wide; then apart, or wider if you please, from filled up with the ruins of towns and place on the bed a box or boxes, made center to center. The nailing must cities that were once occupied by of ten-feet boards, six feet wide, which be strongly done. The next thing to people that degraded labor by com- will take four sash six by four feet. do is to attach a pair of shafts to it; mitting it to serfs and slaves, and We make the boxes out of good com- and green hickory, oak, or other rioted in voleptuousness and effemi- mon inch boards, sides ten to twelve strong poles will answer the purpose; hacy. Without a good, sturdy yeo- inches wide, ends three inches wider and they may be attached by bore-

burdens heavy to be borne.

Sheep in the Spring.

After the long winter and dry feed nursery men, and our wants are sup- turned out, to save wool, and give health and comfort-that is the wool Looking into Mr. Bebbington's should be cut away around the vent green house the other day, we found and from the inside of the thighs. Ewes should always have a com-

and garden. There are many exotic, in, so that they may be protected from or Cape of Good Hope plants, as also cold winds and rain. When a lamb is some exceedingly nice ferns; including dropped and can help itself, don't inadiantum farleyense. Also a splendid terfere with it, but should it be weak variety of Geraniums, or Pelergoniums. hold it on its feet, and let it suck. A fine lot of Verbenas, which can be Sometimes lambs get chilled, and if had in large or small quantities. Pan- they do not get proper treatment they sies and Fuchsias, including the Mrs. may die. A bath of water about as Cannall and the Avalanch, all which hot as can be comfortably borne by are the best kinds in cultivation. the hand is a good remedy, followed Monthly and other roses, in variety by a feed of milk containing a teaand color. In addition to these Mr. spoonful of gin, rum, or any other Bebbington has imported many new spirits. Lambs troubled with conplants from Boston and Halifax, both stipation should have an injection of for window and garden, such as have warm milk and molasses. There not been before offered for sale in this should be enough of molasses to give City. Hardy and Tree Carnations the compound a chocolate color. Renew and beautiful foliage plants, suit- lambs frequently have diarrhea, but ding out. Among these are coleas, times it is excessive, the lamb gets dusty miller, golden feather, and weak and drooping. In that case, a alternanthra for bordering and edging. spoonful of prepared chalk in a little All or any of the above Mr. Bebbing- warm milk, given at intervals of a few ton will sell at lowest possible prices, hours, usually checks this trouble. A indeed at such prices as are extremely little pumpkin seed tea will correct

Ewes should be kept quiet for a few Mr. Behbington has also a variety hours after lambing, for their own that purpose. If the udder is hard and hot, foment by applying continu-Once upon a time manual labor was ously a cloth dipped in hot water perience. The lasses too, as they grew hearing of other sheep, and held

It is better to shear sheep as early in the season as can be safely done, ing, but in this Northern climate that And then to see how many different is impracticable. It should be seen that the oily-feeling matter, or yolk, has so far re-appeared in the wool as ance and soft feeling at the time of

Correspondence.

For the Colonial Farmer. RURAL TOPICS.

A MARKET GARDENER'S HOTBED.

the sun through the glass. The man- row made as a guide.

mer of preparing the cloth is as folverize the sugar of lead in a little oil. ingredients are thoroughly mixed, would be very useful. stretch the muslin upon the frames, and apply the composition while hot. Frames prepared in this manner will

GREAT YIELD OF POTATOES.

merchants in New York, offered prizes have no severe drouth, a very cases was applied three or four inches sale for about 25 cents per pound. thick to the land, and was then spaded in, and ashes, bonedust, lime and other fertilizers were also applied, I may of land on this system, it would reers, and an expense in labor of \$100 more. The yield per aere with a full quantity of seed on the above system, would be perhaps, 1,000 to 1,500

to the extent of land used. CORN MARKERS.

Corn markers are useful everywhere -with the farmer who plants a few acres, and with him who grows his 50, 100 acres, and uses a horse-planting machine. For the farmer who plants but little corn, the following is A market gardener says: "Our the cheapest marker that can be made ciety, degrading himself to peddling method for making hotbeds is to haul to be drawn by a horse: Take a joist, one or other of the many clap-traps fresh stable manure and lay it for a 3x6, and make three runners, each which could be mentioned. If such a few days in a rick three or four feet three or four feet long, rounding up man is not, he certainly should be high, and the length of the bed retthe front ends on the lower side. You quired. When the manure has a good then take inch boards and nail them The only countries that are prosper- heat, begin at one end and shake up with 10 penny nails to these three run.

manry, cultivating their own lands, than sides, to keep air from getting ing in inch holes diagonally through a no nation can long exist, still less under sides of sash, with cross-bars piece of joist 4x4, to suit the position prosper. The moment labor is de- two inches wide for sash to slide on, of the shafts; and then nail it to the graded-the moment we as a people, these bars to be let into the sides even top of the marker in a substantial hating and despising it, shrink from with the top and bottom boards. Then manner from the under sides. Spikes labor, from that moment may we date tramp down the manure inside the might be used to advantage in securbox, which will usually settle to about ing this piece of timber. If the ends Hatred to labor is the parent of one foot in depth; put in enough good of the shafts be wedged in well, they crime. Not only does it degrade dry earth to cover the bed six or seven will not get loose. This is a marker stock to be watchful in the care and being always watchful of the pulse, society in a mass, but it leads to the inches inside the box. Good leaf-mold that may be made in an hour or two commission of numerous evils, a tithe from the woods, or earth from a fence- and it will make two rows at a time, earth, put on sash, and in about four be needed to made the marks plainer. suppress important changes in circul- milk .- Utica Herald. days the bed will be fit to seed." The A much better marker may be made ating fluids in the system about the sashes should be kept closed till the to run on wheels, as follows: Have time they are turning to a flow of milk. plants appear, and then should be two small wheels made, not over three If often happens after cows are turnraised enough to let off the steam; feet in diameter, to which put an axle ed to pasture that they calve far away and when the plants are large enough, of a length for four rows-two made from water, and will not leave the at least a year old, are the very best if the heat fails, they may be trans- by wheels and two by inside attach- calf till it will follow. The cow then food for a galloping horse—the only planted in another bed freshly made. ments, on the ends of which are secur- being diseased by thirst, on reaching food on which it is possible to get the From 400 to 500 cabbage plants, or ed a couple (one to each) of ordinary water drinks too much, or if separated very best condition out of a race-horse other plants of same size, may be cultivator teeth, says three and a half from the calf she may worry herself or a hunter. It also has recently begrown under each sash. Something, feet apart, thus making four marks in the heat to overfatigue and cause come known that horses do slow work as old matting, or sacking, should be that distance from each other. A depression of the nervous system, all and get fat, indeed too fat, on maize kept on hand to cover the sashes in tongue for two horses should be made, of which may be avoided by judicious Indian corn, which is frequently onevery cold weather. Some gardeners also a seat for the driver; and in its prefer cotton cloth to glass sashes, as operation three rows are marked at a

PLANTING POTATOES IN 1877.

last for several years, if kept under usual, as it was evident that the bugs milk, her feed may be increased with shows that if you want pace, Indian would injure crops and I said: "Next her full flow of milk. fall and winter potatoes will be very dear;" and to-day in some of our cities The quantity of potatoes that can they sell at five dollars a barrel! Now, form also a part of the stock; also peat the operation if needed. Sucking be grown from one pound of seed is I am going to give my readers advice astonishing, when every eye is utiliz for 1877. This year there will be a ed to its utmost capacity. I have very large area of land planted to most any variety; but the experiments this crop; and the bugs will be fought of later years go far beyond that pro- as potato bugs were never fought in 1876 for the largest yield from one crop of potatoes everywhere, and the pound of the Ruby or the Alpha-two prices next fall will be low : therefore, new varieties. There were six prizes, my advice is, don't make any exertion from \$100 down to \$10, and the suc- to raise a large crop; but plant for cessful competitors produced from one medium product, planting early variepound of the Alpha, in the order of ties, puting in the seed as early as the the prizes, $1,707\frac{3}{4}$, $1,665\frac{3}{4}$, $1,535\frac{1}{2}$, 1,511. ground will permit, and fight the bugs pure article, we gladly recommend needle followed by a hot knitting 2,4261 and 1,280 lbs. The Ruby went systematically and efficiently. By up to 1,982 lbs. for the first premium, planting early varieties the corn beand for the others, not varying much comes mature by the time the second from the product of the Alpha. I do hatching of bugs takes place; and if not consider this result as showing the you have destroyed the early bugs, great superiority of these varieties your crop is safe. But beware of very over others us yielders; but rather as early planting on land that is not well proof of what can be done with one drained, either from the surface, or pound of seed in skillful hands. In otherwise, as potatoes in such a soil, regard to the manner of cultivation, with two weeks of cold rainy weather, the report of the committee on prizes would be liable to rot. Paris green shows that it is almost impossible to is the only destroyer of potato bugs manure land too highly for potatoes; that has proved to be effectual. It and that artificial watering may be will require from four to six pounds made more beneficial to a potato crop to an acre, if the bugs are numerous: than rains, even when there is no and it ought to be purchased for 30 to drouth. The manure in the above 40 cents a pound, as it sells at whole

COUGHS AND COLDS IN HORSES. An experienced writer on the diseases of horses says: "Coughs are say without mercy! To plant an acre sometimes caused in horses by feeding dusty hay, a fruitful cause of disease. quire probably \$500 worth of fertiliz- If caused by this, it will be cured by feeding hav entirely freed from dust, mold, &c. But, from long experience with horses taking sudden and severe colds, which frequently leave a cough. bushels; but such "high" farming I have found nothing equal to steamwould be dangerous to farmers' pocket- ed food as a cure. It is well known books and bank accounts. The man- that turning a horse to succulent grass ner of planting in such cases as are in pasture will generally cure a cough, reported above, is to cut the potatoes and greatly relieve the heaves, but into as many pieces as they have eyes, crooked food has a much greater effect from lying upon her side in eight and to do a good deal of stripping, he will and then to place an eye in a hill, the upon both. I have cured several hills to be at least three feet apart; horses with incipient heaves by steamand perhaps four feet apart would be ed food, and never know a cough that better, as the object is to produce the would not yield to it. Steaming prelargest crop possible, without regard vents all ill effects from dust, and also ing been to grass a few weeks, that do the secretions powerfully, and causes

sloughed off,

Miscolluneous.

Milk Fever.

The month of June is a critical do not bleed, but give physic and season for cows then coming into milk, stimulate with laudanum as directed. especially for those advanced in years. If in high condition, with quick, wiry It therefore behooves those with such pulse, lose no time in drawing blood

plants are often injured by the heat of time, one wheel going in the last for the changes that must take place it is a popular idea with English at parturition, care is necessary. It officers who have lived in Persia and Another way, but one never adopted, may be done by taking four quarts of Syria that the change of food from fows: "Take one quart of linseed is to get up something on the plan of an blood from the neck, a day or two barley to cats often, when imported, oil, one ounce of sugar of lead, and ordinary horse cultivator, with only previous, and administering a half produces blindness in Arab horses. three or four ounces of resin. Pul three teeth, and the marker so made pound of salts with one teaspoonful of Now, although no men understand that it can be adjusted for corn, or saltpetre, dissolved. This course will better or so well how to get blood then add it to the materials. Put all rows for anything else, as for beans, prevent a morbid condition of the horses into galloping condition as into an iron kettle and heat it until turnips, &c. Such a marker would system, and may be a means of pre- English grooms, they do not, and few not cost over eight dollars, and it venting an attack of the fever. By of their masters do, know the reason all means keep the cow from excess why oats and beans are the best food of heat or excitement, and do not for putting muscular flesh on a horse Last spring I strongly urged far- overfeed either before or after parturi- The agricultural chemist steps in here, mers to plant more potatoes than tion. After being four or five days in makes the matter very plain, and

ease is manifested in the attack by a bullock, a sheep, or a pig for sale. wild, glaring look, high excited after it has passed the store stage we movements of the head, irregular, want to make it fat as quickly and as giddy steps, with no apparent loss of cheaply as possible; but with a horse s not impeded she rises and dashes to make a horse fat, as, for instance attack. In this type of the disease I purpose an addition of about a pound have found by immediate post-mortem and a half of oil-cake to his ordinary in the large arteries extending under useful when a horse that has been the back to the upper so clotted as to closely clipped or singed is in low be drawn out of the arteries like a condition. It helps on the change to ope. In this state bleeding would the new coat by making him fat. A be followed by death: So would any horse in low condition changes his other prescription. It is in this type coat very slowly. of the disease in its advanced stage | When from any cause there is diffi that bleeding, is found to be an un- culty in getting a supply of the best trustworthy remedy. But the chances oats, an excellent mixture may be are in favor of bleeding, if the arteries made of crushed maize and beans, in are not already clotted. No time the proportion of two-thirds of maize should be lost in applying the lancet and one of beans, which exactly afford at the first symptons described. Ad, the proportions of flesh-forming and minister at the same time an active fat-forming food. Bran is a very valupurgative, followed by aconite and able food in a stable for reducing the mux (if treated homeopathically) inflammatory effect of oats and beans. alternately once in two hours with a Made into mashes it has a cooling and half gallon of water with each dose. laxative effect, but used in excess, es-A dose should be twenty times larger pecially in a dry state, it is apt to than for an adult person, and so continue until the fever abates.

Another type of the disease is maked by lassitude, a staggering gait, falling with inability to rise, shrinkage of milk, cold extremities, dull eves Journal. and inattention to movements around forty hours. So the fate of the sick help to reduce the swelling. cow is often fixed by neglect in care

when she cannot care for herself. sweetens mow-hurt hav, musty straw, not require bleeding in an attack of the absorption of tumors and abnormal corn stalks, &c., and renders them milk fever in any form. It has been growths; may it not also cause a healthy food. When one has no my practice, attended with good suc- decrease in the secretion of milk? We steaming apparatus for cooking food cess, to first bleed, in nine cases out have found that persistent rubbing for stock, a hot bran mash, withta of ten, from four to eight quarts, ac- and kneading was better than anybag put over the pail and brought up cording to size and condition of cow; thing else. If the bag be very tender on the horse's head, so as to keep in dissolve one pound of epsom solts and as it often is, take a teaspoonful the steam while he is eating it, will one-half ounce of saltpetre in two tincture of arnica in water, and rub sometimes relieve a cough and cold, quarts of thoroughwort tea of good the same diluted with twice as much but the horse should be kept warm strength, and give it a dose; in two water upon the bag, to take out the hours after, give two ounces of laud- soreness. anum, with a gallon of water, and re-Warts at the end of the teat are peat the laudanum and water once in annoyance, not only obstructing the anum are given; no other medicine milk, but from their soreness causing should be given to counteract those the cow to become fidgety and uneasy given which are found sufficient to while milked. In such cases they carry the patient through a severe must be removed, either by the knife, attack. After the first administration or by a ligature of fine silk tied round of bleeding and physic, laudanum and it; the latter is the preferable mode, water are relied upon to raise the as warts when excised with the knife patient, which requires from twelve are more liable to return than when to forty-eight hours. When she rises, exchange the medicine for nourishing trial,

diet. In bleeding, the strength and condition of the patient should be duly considered. If in low condition, and the pulse is weak and wavering,

habits of such cows to ward off the and stop the blood if irregular beats destructive malady. The old axiom are observed to increase by the flow only of which is heralded by the press corner where weeds have not seeded, one runner following the outside mark! that an ounce of prevention is worth of blood. If the pulse grows softer of the country. It affects even our will do if you have nothing better. A wheelright could, if desired, make a pound of cure, is applicable in milk from the flow of blood, do not be afgoverning bodies; it leads to pecula- Gardeners keep a supply of hetbed a runner on this plan, with a pair of fever. Causes that are fruitful in raid to take from eight to ten quarts tions among Government contractors, stuff on hand, which usually consists shafts properly attached, which would producing it are full feed, exposure from a large, strong cow. After bleed bribery of our legislators, and causes of about two-thirds good soil and rot- last a life-time. Handles may also be form excess of heat, sudden chill from ing largely do not neglect to adminis the reckless expenditure of public ten manure, which should be turned attached to it, and the top so made drinking too much cold water, a ter water freely, because it passes monies for private purposes. It sinks two or three times to mix well. that a stone weight may be laid upon drenching shower, and lack of a need-through the system and carries the a people into debt and lays upon them Having covered the manure with it, and keep its position, if it should ed supply of water to drink, which medicine with it and induces a flow of

Horse Feed.

Every good groom knows that sound oats and beans in due proportion, and third cheaper than the best oats. In To prepare the system of the cow the East, horses are fed on barley, and corn, although nominally cheaper, is The most virulent type of the dis- not cheap at all. When we feed a

> form stony secretions in the bowels of excessive use of bran have been taken many pounds .- London Live Stock

her. She inclines to lie prostrate on becomes swelled, a simple and geneher side for want of strength to lie in rally effectual remedy is found in or sliding past each other freely. If way adopted. Doctor a horse as you a natural position, indicating a general applying fresh lard, which should be the animal is now put in motion, it is would yourself, and you will find it a prostration of the nervous system thoroughly and repeatedly rubbed in. with a morbid circulation. Although Some people use beef brine instead of foot it must also move the correspond- your horse has colic, instead of trotthis type of the disease is not so im- lard, with good results. Plenty of ing hind one, or the one to which the ting him around all the time, let him mediately dangerous as the former, it rubbing without any application will requires thorough administration of often effect a cure. The calf should remedies, and constant care to keep be allowed to suck until a cure is parently overwhelmed with the disthe patient lying in a natural position, effected, and if a portion of the milk while the remedies given are working is drawn from the cow before he is in the system. A well cow will die given his rations, so he will be obliged

Whoever employs the violent remedies should understand that they may There are but few cows, after hav- do more than is desired. Iodine affects

greater certainty in obtaining the Mrs. Tupper, milk. This has been proven a sure remedy for cows withholding their The Illinois State Board of Agri-

Management of New Born Lambs.

for her lamb, and if the latter is strong and disposed to help itself, there is usually little danger. But if the lamb is weak and makes no successful efforts to suck, and particularly when the attendant-the "lamber," as he is called in England-should at once back, and particularly the rump about the root of its tail, lightly and rapidly tino its mouth, and the licking motion of the finger continued. These efforts will generally succeed speedily, but occasionally a lamb is very stupid or obstinate. In that case gentleness and perseverance are the only remedies, and they will always in the end triumph. Too speedy resort to the spoon or sucking bottle frequently potato patches, and says that persons causes a lamb to rely on this kind of who are in the habit of throwing aid, and a number of days must pass ashes away as useless are making a by before it can be taught to help it- great mistake; they are found by ex-

COOKED OR UNCOOKD .- The Maine the State Agricultural College, gives tried at the farm for seven successive their worth. years, and to which we have from time to time alluded. The results are stated with considerable minuteness. the tables occupying nearly three pages, and being interesting from their uniformity. The trial last year exended over a period of twenty-four on raw meal. The average cost of each pound of live weight produced by by feeding cooked meal 8.1 cts. A the pigs was found in favor of mixed cooked meal. The results are what

square" position. A sursingale, with a ring attached, is buckled round covery of its new powers, but as it right. gains confidence it speedily becomes more reckless, and we have seen some, at the end of twenty minutes training, the time will come when a man will dash round the ring, with, if not ex- be able to carry the manure for an actly the gait, at all events the full acre of land in one of his waistcoat energy of a "Dexter."

SUBDUING BEES .- The stings of will be able to carry all the crop in bees were given them for the protection of their stores. They are not disposed to sting when not in danger, labor performed by a well fed man or and every bee which does sting dies. Away from their own hive they rarely make an attack. The natural dread of stings deters many from keeping bees who would be glad to do so. In the use of modern hives, the danger of being stung is lessened, as these gives you facilities for subduing them. It has been discovered, says an A bee with its honey sac full never all the old worn-out buils and emaciexchange, that cows that do not give stings. When you alarm a colony ated matronly cows and labelling them down their milk may be cured of the of bees, they all instinctively at once when dressed "Real American Beef, habit by milking with one hand at a fill their sacs with honey, and after time. This is said to be nearly time has been allowed them to do this, imitating the ealf, which ever asks for their hive can be opened and examin- the future, and goes back to British but one teat at a time, and hence the ed with no danger from their anger. beef at the old prices, when he often

the hog cholera of \$8,000,000.

A DURABLE WHITEWASH. - A whitewash that will stand the exposure to If a lamb can help itself from the weather to which it is subject on the outset, it is better not to interfere in lighthouse structures of the Atlantic any way to assist it. If the weather coast will certainly prove good for is mild, if the ewe has apparently an use in covering fences and farm outabundance of milk, and stands kindly buildings in our climate, and those who have noticed the appearance of the lighthouse structures to which the Bureau recipe wash has been applied, consider it but little inferio to paint. The following is the direction this occurs in cold or raw weather, furnished by the Department for preparing and applying this wash, which can of course be tinted to suit render his aid. The ewe should not any taste by the use of ochre, umber, be thrown down, if it can be avoided, Spanish brown or other ingredients: but the lamb assisted, if necessary, to Slake a half bushel of unslaked lime stand in the natural position of suck- with boiling water, keeping it covered ing, a teat placed in its mouth, and its during the progress. Strain it, and add a peck of salt dissolved in warm water, three pounds of ground rice rubbed with the finger, which it mistakes for the licking of its dam. This thin paste; half a pound of Spanish ast generally produces an immediate whiting and a pound of clear glue effort to suck. If it does not, a little dissolved in warm water; mix these well together and let the mixture stand for several days. Keep the wash thus prepered in a kettle or portable furnace, and when used put it on as hot as possible, using either a painter's or a white-wash brush.

COAL ASHES .- Bliss, the seedsman recommends the use of coal ashes for self properly, even from a full udder perience to be of great benefit in the culture of potatoes. Many ashes are dumped in the streets and alleys, when they could be used to improve Farmer says that Mr. Farrington, in the soil of gardens. Save your ashes his report as Farm Superintendent at and use them for the purpose of manure. Wood ashes are counted a minute report on the feeding of among the first and best of fertilizers, swine with cooked and uncooked meal, and they command a good price by and on mixed food, which has been those who know their great value and

The Chicago Tribune says :- The manufacture of sugar out of ordinary corn is an industry that needs no encouragement to enable it to become a source of great national wealth. It needs simply the removal of a taxthe tax on alcohol. We have been weeks, the average cost of increase in shown a specimen of raw sugar manulive weight, by feeding on cooked factured near this city from corn. It meal, being 121 more than by feeding is white and very sweet. To complete the manufacture into pure, granulated sugar, alcohol must be used to remove feeding raw meal was 7.2 cents.; and the foreign matter contained in the crude product. A bushel of corn very large difference in the gain of vields thirty pounds of raw sugar, and this when purified by alcohol, gives food, over a clear diet of either raw or twenty-seven pounds of good sugar, marketable at four cents a pound. In we would expect from our own obser- other words, a bushel of corn made vation, although contrary to the into sugar would bring \$1.08. Our majority of the experiments recorded. internal revenue prohibits this devel-People are too apt to underestimate opment of the market for the farmer's the labor account, when cooking food. corn, because, unlike that of more enlightened nations, it taxes alcohol TEACHING A PACER TO TROT .-- The destined for use in manufactures as horse is made to stand in its natural heavily as that which is to be exported.

The Lord knows animals have the body, pretty well back, the ring enough to suffer from hunger, thirst, hanging below or about the spot to cold, from beating and cruel and which the martingale is usually at- thoughtless owners. They are cut tached. The one end of a stout leather and slashed, burned and blistered strap is then buckled round the off, without mercy, and still editors will the horse. Stones produced from the fore fetlock, the other end passed publish every old fogy remedy through the ring and attached in a handed down from our old, heathers out of horses after death weighing similar manner to the nigh hind fet- ish, ignorant ancestors; and more lock. A second strap is attached to horses have been spoiled by knives the other feet in the same manner, and hot irons than have ever been the two straps crossing each other at cured by such treatment, and it is Swelled Bag.-When a cow's bag the ring, which should be roomy time such abominable practices were enough to admit of the straps moving abolished and a more common sense evident that in order to advance either vast improvement on the system. If former is coupled. The animal is lie still, and cover him with three or usually very awkward at first and ap- four blankets and give large injections

> A man said to his gardener: "George, pockets." To which the gardener replied: "I believed it, sir; but he the other pocket."

The difference in the amount of animal and an ill fed one is considerable. There is no real economy in placing the laborer upon a starvation diet. Abundant and good food give bodily strength and contentment of mind which is an important item.

The English butchers are buying up not frozen." The purchaser at once resolves to eschew American beef for really gets American beef.

Some of the Connecticut farmers remilk, at least in one inveterate case, culture report an estimated loss for port the ground full of fat-looking and it may be worthy of a general the past year in that State through potato bugs a few inches below the