MUSTARD AND OTHER WEEDS.

WHERE THEY COME FROM AND HOW TO GET RID OF THEM.

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garden is so rich that it is almost im-This richness is always obtained by the more noxious ones. the copious use of stable dung and such manures rich in humus. same remark applies in farming as in gardening. Why do these weeds grow on these very rich soils? Are these they not also be wanting in something, and consequently may not a these very rich spots. On my suggesgen, potash and phosphates. quantities of the first two and very maple flavoring has been added. little of the third, as the animals use it point which presents itself to our nonure needed to give enough phosphate very small cost. for the best production puts into the As a result of this acidity it is held by or stone with a good high chimney.

Those who have a good bush should some that various weeds spring into. The sap in the front pan should never take good care of it. Encourage young life or develop, among them the mus- be put off the boil by having cold sap maple trees to grow; if they don't spring sometimes even sooner. Clover seems that would otherwise pass up the bly planted with maple trees. to take its place in many instances.

sign of weakness is a query which sug-flannel. gests itself to us when we remember animal of any species which forms a considerable bone structure, is yellow, and it is the refuse of the food from should be skimmed off at once. which the animal has extracted the turn yellow when the ripened wood stand until cold before cleansing it, properly. Frequent changes of collar tained from the hot bed, and fruits have extracted from them all. This allows the malate of lime to will invariably cause sore places. the strength and bone earth assimilated settle. The syrup is then drained off in its structure. Most fruits are green the top and cleansed. while growing, and the strength of the plant is acting throughout the strucin the interior flesh and seeds, in fact, out before the season begins.

tain the most of its strength. May not wooden buckets will answer well. Iron sary have a cloth handy to wipe them proper attention to manuring, so as to should be hung on the spile. properly balance the elements of plant How often we hear it said that the growth in our soils, to control weed possible to keep the weeds down tractable than mustard and some of any time during the year. Such a contract the muscles and thus prevent

MAPLE SYRUP.

This is the time of the year when ture, and the quality is superior. soils not over rich in something? May "new maple sugar" or "new maple syrup" is displayed in the store windows to tempt the lovers of this good THE VALUE OF THE MAPLE TREE. want of balance cause what we may Canadian product. The sceptical custerm, from our standpoint, a weak tomer is serenely told that "it comes mental reason why the maple tree until seeding time will be well repaid. ness? I know a man who had one of from the Province of Quebec, you should be honored by Canadians. phosphate of lime in a non acid form, Ontario. If the customer has his Ontario amounted to 5,065,796 lbs., they will more than make up the lost and as a result the only weed he had suspicions set at rest and purchases a which, at average market prices, means time to you before the seeding is to contend with was clover, but the little sugar he is almost sure to repent almost half a million of money.

It is claimed that the sugar bush at produce was also much improved. it later, for he is invariably treated to a The elements of soil fertility are nitro-sugar composed of nine tenths com- the Michigan Agricultural College The mon brown sugar and perhaps one- yields an annual return of twelve per stable manure supplies considerable tenth maple, or it may be that only a

good maple trees can not have a nice of their farm.

that the land is really sour. Also if the made of galvanized iron. A convenient in cabinet making and for interior make a good frame. land contains much sulphur it is apt to size is two and a half feet wide, five or decorations. People in other councarrying away the lime in the crops. deep. Build an arch either of brick not. chimney. The sap from the heating If the clover comes in this unac- pan or kettle should be strained into

without proper drainage in a wet sea- ing the syrup should be cleansed by the blood again or by an incision they etc., can come on for a second crop. son? Healthy dung from a growing adding to it about a pint of sweet milk will become calloused and permanent. As soon as the sun's heat begins to which will cause any dirt that may be

With this simple outfit any farmer get an improved evaporator, as the

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know," despite the fact that the trees According to the census of 1891 the

cent. valuing the woodland at fifty dollars an acre. Many Canadian farm-

HARNESS BRUISES.

Most farm horses have not been very busy during the winter and their covering for wounds of trees. Cleanliness all the way through is shoulders are more or less soft and

we have found an antidote for the yel- or tin spiles are to be preferred to the with if the horse sweats excessively. low weed, and is it not possible, by old wooden ones, and the bucket Remember how sweating softens your own hands.

When the harness is removed bathe can make a nice lot of syrup that will the parts where the harness rests with growth and confine it to a class more be a welcome addition to the table cold water. This has a tendency to simple outfit is all right for a small inflammation and the consequent swellnumber of trees, where there are quite ing. Should a swelling appear it a few hundred trees it will pay well to should be well bathed with cold water so long as there is any inflammation. work is done quickly, an essential fea. It is a good plan to use ice in the water to make it cold. When work on the land begins watch the horses' necks especially when they are working on a tongue.

When you begin seeding don't go at it with a big rush the first day, let the tion he treated it liberally with a pure have not been tapped in southern annual production of maple sugar in horses take it easy for a day or two,

through.

THE HOT BED.

It will not be long until it is time to start the hot bed. Every farmer should There is no reason, however, why ers could testify to the value of their have one. If you haven't one, set to up in their bone. But there is another any farmer having a hundred or so maple bush as a very profitable portion work and make one. Many farmers Besides supplying have old sash lying around that would tice. The large amount of stable ma- lot of genuine sugar and syrup at a the fuel needed on the farm a fair make good glass for a hot bed. Somemaple bush can easily make ten dol. times old storm sash can be obtained A few weeks ago we illustrated the lars an acre in syrup or sugar per year. cheaply and they answer well. Having soil such an overwhelming supply of old-fashioned way of boiling down This too, at a season when time can selected your sash, make a frame to humus matter to decompose in the maple sap, and it is a good plan yet be spared to attend to the work. Be. suit it. On page 102, measurements soil that an inordinate amount of car where the quantity is small. A better sides its usefulness in supplying a de- of a convenient sized hot bed are bonic acid is secreted with the result plan, however, is to get a big flat pan licious food, the maple is much used given. Anyone handy with tools can

Sometime before you are ready to be freed in the soil from which we are six feet long, and six or eight inches tries admire it and value it, if we do use the hot bed, make up a pile of good stable manure (largely horse manure) large enough to cover the entire bottom of the intended hot bed 18 inches deep. Let it heat a few tard. Liberal applications of pure put into it. By having a pot or small up naturally plant them in vacant days then turn it over and let it heat non-acid phosphate of lime have fre- pan built into the arch at the back of places in the woods and so renew the another week. Now make up a bed quently effected a cure, the mustard the boiling pan, the sap can be timber. There are odd corners on of this manure 18 inches deep and a disappearing in a couple of years and heated to the boiling point by heat many farms that could be very profita- foot larger all round than the size of your frame; water, and tramp it down solid. Place the frame upon it and bank up around the manure and frame The countable way, why not the mustard? the boiling pan, and should be boiled It is particularly noted that if left to down as rapidly as possible after it flower the weeds upon such acidified has been gathered. Quick work makes or collar upon a part not accustomed of fine garden mould, no matter if it soils produce yellow blossoms, and it is the best colored syrup. Don't let to it compresses the blood vessels so is frozen it will soon thaw out. If you well known that yellow color follows syrup stand in the pans over night. that the normal flow of blood is check- can't get that, go to the woods and get green very closely, being its comple. Syrup off every night and strain the ed. The walls of the tiny blood vess some nice leaf mould. Put on the mentary color. Is the vellow also a syrup through a loose woven piece of sels are bruised and partially paralyzed. glass and allow the hot bed to work Then as soon as the pressure is re- off its excessive heat. Place a ther-It is a good plan to have a galvan- moved the blood rushes into the weak- mometer in the soil and when the that the yellow weeds come either ized iron pan with four good handles ened vessels distending them. The temperature remains constant at 80° early in the spring before nature is made to fit the kitchen stove. This serum of the blood flows through the the ground can be got ready for sowthoroughly, active, or in the autumn pan should be about ten inches deep weakened walls and accumulates under ing and the seed put in. If the temwhen she has partially exhausted her and the syrup as it comes from the the skin, thus originating the soft, perature is too high wait until it cools strength in production. Have you woods should be put into this pan and puffy swellings so often seen on the down or the plants will be burned out. noticed that the corn turns yellow in a boiled down until an imperial gallon shoulders. If these swellings are not Sow radishes and lettuce for the first soil soured by lying in a wet state weighs thirteen pounds. While boil- removed either by being absorbed into crop; cabbage, cauliflower, tomatoes,

Knowing how these swellings are warm up the bed and the temperature in it to come to the surface when it caused we should be the more careful rises, it may be necessary to open to see that the causes are removed, the sash a little to regulate it. But A good many makers prefer to let Always use the same collar on a horse, this can soon be learned and a great strength. In the autumn the leaves the syrup, as it comes from the woods, provided, of course, that it fits him deal of pleasure and profit will be ob-

It often happens that, either by inthe secret of having good syrup. The should be gradually broken into hard tention, as in pruning, or by accident, ture, but as the strength concent ates buckets should be thoroughly cleaned work. With horses that are particular- trees are wounded in various ways. Tin ly soft stop frequently, lift the collars A common practice is to cover large with ripening within comes yellowness ones with covers will give the brightest and rub the shoulders, this will help wounds with coal tar; but this is oband weakening without. The seeds of colored syrup, but where there are to restore the circulation. Keep the jected to by some as injurious to the the yellow pumpkin and squash con- only a hundred trees or so, good shoulders dry, if possible. If neces- tree. Experiments made in the or-