

DO NOT IRRIGATE TOO MUCH.

That crops of any kind, either in field or garden, cannot be produced in this arid and naturally barren, desolate country without artificial irrigation, excepting in a very few locations, is a fact which needs no demonstration, but there are many who have been engaged in agricultural pursuits for years, who seemingly have not even imagined that there is a possibility of watering the growing crops too much, and evidently from the free use of water on their fields and gardens which they make when it can be obtained by any means, they are of the opinion that the more their tilled lands are irrigated the greater, will be the amount of their products, which this; but do as to the grapevines, and think it are used, they should be kept neatly pared. is a great error and one that could be readily made to appear by making a few practical experiments.

tillage while growing, depends more on the amount of water applied to them than on the free use of the proper agricultural implements, will take equal portions of a field or garden which has been prepared alike in all its parts before plan ing, and apply water to one portion profusely, using the hoe or other tilling implements but little, and irrigate the other portion but moderately and keep the ground free from weeds and the surface well stirred, which will require but little or no more labor than the excessive watering operation, and he will soon discover that the latter is by far the most profitable mode of culture, and that it is not altogether on the superabundance of water, even on the most the grape produces larger and better fruit arid soil, but materially on proper tillage, that he is dependent for a good and remunerative crop. Ground that is well cultivated will produce a crop of equal amount with less either, sooner than seedlings. Nearly all than one half the water that may be required foreign varieties of strawberries are from to mature one of the same kind when the plow, hoe or cultivator is seldom used. There will, in all probability, be no want of water for all the crops that have been sown or planted this season in these valleys, howbut if husbandmen depend on water alone for an abundant harvest their expectations will not be realized.

kinds of standa d trees could not be grown as NEATNESS IN THE FLOWER GARDEN. low-branched as dwarfs are, and allowed to

Wilder, on this subject.

surface of the ground, wou d prove ample proper keeping of the garden. protection to them from the cold and piercing | The walks should be always kept free from the true plan everywhere for them. Our If a person who believes that the amount of slightly with soil, just enough to make them sun and rain.

THE DESERET NEWS.

gro v in height not, say over twelve feet, and The principal characteristic of the flower the protection afforded the trunk against the who e is spoiled in the eyes of all pers ns who humble experience is, that the hot sun acting gardens. A beautiful flowering plant may directly upon the trunks of trees, in the early have all its loveliness destroyed by the rep rt of the season, is the main cause of the mains of dead flowers or decayed leaves, or a unless they are sick; it assists and promotes blight. Dwarfs we believe a e never blighted. fine specimen may be devoid of attraction for We have long th ught that we permit our want of a little care and attenti n in tying up bific matter to the surface, develops the musfruit trees to grow too tall, exposing the trunks or training. The lawn may be robbed of its at all seasons injuriously, while the difficulty beauty by allowing the grass to remain uncut of gathering the fruit is vastly increased. until it more resembles a laxuriant meadow We should be glad to have the opinion of so than an ornamental portion of the flower garexperie ced and intelligent a man as Colonel den, whose chier beauty consists in a smooth, exercised, and well managed, are capable not closely shaven sward with a velvetlike sui-The subject of covering raspberry canes in face. So too, rambling, straggling shrubs, winter was touched upon at the meeting re- climbers with no provision of strings or trellis, ferred to, and Col. Wilder remarked that he walks filed with we s, borders foul with hoped that the simple process of laying down grass and noxious plants, are all unsigntly the canes as well as grapevines, "upon the to a person with a true perception of the

winds." As to the canes we do not believe weeds, and neatly raked. If grass edgings

The border should be frequently boed and raspberry canes, not entirely hardy, and none raked. not only to destroy weeds, but also to of them are except natives, and some of them break up the surface, which soon becomes not wholly-we prune, lay down and cover baked and hard under the joint influence of

FEEDING CALVES. - A Groton (N. H.) corhis crops, particularly those which require invisible, and they come out splendidly. If All tall growing plants, or those with tall respondent of the New England Farmer writes on this subject as follows:

HORSES SHOULD BE EXERCISED DAILY .-Dr. Dadd, in the American Stock Journal, says: be as profi able as the larger s andards, and garden shou'd be neatness. No matter how Horses require daily exercise in the open air, whether they would not come into bearing much may be expended on new and beautiful and can no more be expected to exist without much earlier? 2d, whether such a system plants or how great the number of flowers, it, than their owners. Exercise is an essenwould not be a safeguard against blight, by yet if nestness is neglected, the effect of the tial feature in stable management, and like sun ty the surrounding branches? Our own have been accustomed to see well kept well-opportuned food, tends alike to preserve the health of horses.

Daily exercise is necessary for all horses, a free circulati n of blood, determines morcular structure, creat+s an appetite, improves he wind, and finally invigorates the whole system. We can ot expect much of a horse th t has not been habituated to sufficient only of great exertion and fatigue, but are ready and willing to do our bidding at any season. When an animal is overworked, it renders the system very susceptible to wha'ever mo bid influences may be present, and imparts to the disease they may labor under, an unusual degree of seve ity. The exhaustion produced by want of rest is equally dangerous; such horses are always among the first victims of disease, and when attacked, their treatment is embarrassing and unsatisfactory.

THE REAL PROPERTY AND A REAL

# ~~~~~~ CULTURE OF FRUIT.

Col. Wilder in the chair, there was quite an interesting discussion on fruits. The chairman made an opening address, in which he Germantown (Pa ) Telegragh says: said, very truly, that o succeed in the culture of fruit, there must be appropriate soil, a careful selection of hardy sorts suited to the latitude, and followed by proper treatment. Some varieties of pears were adapte ' to a wide range of country, others belonged to a more circumscribed area. He said, however, that the Bartlets succeeded wherever any pear can be raised; and we may add, making it, indeed, all things considered, the pear of the country or the world! In referring to dwarf pears, Col. Wilder said that he had found the Vicar of Wi field, Louise Bonne de Jersey, Belle Lucrative, and Urbaniste, not to have failed in their crops for th rty years, can be easily kept small by pruning, thus thus showing their bardiness and perfect adaptation to a latitude as high as that of Massachusetts. He thought the climate of California surpasses all others for the culture of fruit. In England, some dwarf pear trees, which had been planted forty years, looked as though they might survive f rty more. We have upon our own premises such trees about two feet in circumference, transplanted the operation. This is called root-pruning, fifteen years ago, when they were at least two years old, now looking as robust as ever, and bearing good crops annually, but some years more abundantly than others. This year all our dwarf trees have been loaded down with bloom, and from the indications of the already were never more promising.

they are covered too deeply, they are liable flower stem, should be tied to neat painted to sprout prematurely, and when exhumed sticks, which should be prepared in largfrost.-[Germantown Telegraph.

### ANNAAAAAAAAAAA

FRUIT AND FLOWERS - Double roses and flowers are unnatural, and are induced by high culture. The fullest roses will produce seed if grown for a while on poor soil. Some varieties of vegetables and flowers are more prolific, if their seed is kept several years. Prize melons have been grown from seed weive years old, and the Balsam, or Lady's Slipper, is more likely to come double from old seed than from that freshly gathered. Most varieties of seed, however, are injured by long keeping. An over grown speci uen of fruit is generelly considered coarse and deficient in flavor. The third or fourth eye of than the fir-t or second. S edling fruit trees are less liable to disease than budded or grafted ones, and grafted trees generally p oduce fruit sooner than budded ones, and American varieties. These are mostly sent wild from V rginia, and when Anglicised and named sufficient'y, are sent back, usually with poor success. The Triomphe de Grand is an exception from Belgium. A good tresh virgin soil, or the top earth of an old pasture is better than any artificial soil for carnations. tive to plants, and a dressing of lime and ashes just before a rain, is destructive to the At a late Horticultural meeting in Boston, thus far have otherwise proved unsuccessful. MINUNUNUNUN

would be subject to injury even from a slight (quantities of all sizes during seasons of leisure. Herbaceous plants of the larger sorts should have their stems loosely tied to- two ordinary cows gave. I fed them on Ingethe, or else heavy storms will beat and break down the outside stems.

> decay should be immediately removed, unless Jelly, and boil a sufficient quantity of each to seeds are wanted, in which case only the dy- last two or three days. I give each calf four ing petals of the flowers should be taken away.

> Climbing rlants should have trellises or strings to run up the moment they begin their reaching them to drink, I put two fingers in growth, and those sor s which will not run, shouls be tacked to the wall or fence with so that at each draft they can draw what neat strips of leather.

bloom, should be removed, and the early flowwhen they wil probably make a second from the cow. growth and bloom.

Straggling shoots in shrubs should be at ] once cut out,

dy it .- [Country Gentl man.

#### mannour

VALUE OF SOOT AS A MANURE. -- In response ever late they may be in coming to maturity, Land that has been in sod harbors the wire to an enquiry relative to the worth of soot d essing the cattle should wash his hands with as a manure, the Working Farmer replies:

> Its chief component is carbon, and in so wire worm. Liquid manures often hasten the divided a form as to be equal to a solution in ] bloom of plants at the expense of their color. | water. As soot is formed on the side of a Foreign grapes grown in the open air in our 'chimney, thousands of cubit feet of atmosits way into the soil.

In the spring of 1859, I raised thirteen calves, and all the milk they had was what dian meal and boiled potatoes. I put the meal into a kettle of water and boil it very thin for All flowers and leaves which have begun to one hour or more, until it comes to a kind of or five potatoes, well mashed up with what meal I think the calf will bear; turn the milk on them, and stir them well together. In their mouth, leaving a space between them, they would naturally want to swallow. I All annuals, which have finished their keep a tub of clean water and a box of salt where they can belp th mselves. My calves ering herbaceous plants may be cut down to are as good n the fall as my neighbors' are, the ground as soon as the flowers have faded, that suck twice a day until they go away

### sammanna.

REMEDY FOR RINGWORMS. - The North British Agriculturist says that the disease locally Many more rules might be given for the known as ringworm or tetter, which shows proper care of the garden, but the above are itself about the head and neck of young sufficient. The vigilance of the cultivator cattle, in the form of whitish dry scurvy spots, will at once detect the want of neatne.s in | can be removed by rubbing the parts affecany department of the garden, and will reme- ted with iodine ointment. The disease may als, be combatted by the use of sulphur and oil; iodine ointment is, however, to be preferred. As this skin disease is easily comsoap and hot water after each ointment.

# TOWN AND COUNTRY LIFE.

It is neither an exclusively rustic life, nor climate, are interior to our best natives, and phere are passing over it, much dilated one passed wholly in a city, that the most by heat, and containing ammonia; this is perfect energy of brain can be expected; but absorbed by soot, is fine carbon retaining rather in alternations between the two. Each DWARF AND STANDARD FEAR TREES .- The the ammonia, and in a condition not to be condition then prepares for the highest operadefined by chemistry, but certainly known tion if the other. The organization rapidly in practice to have high value. In E gland adjus s itself to conditions which are permathe soot from both coal and bituminous neut; and in the purer air the intire level of coal is habitually saved, and many farmers the life is carried to a different pitch rather buy it largely. In this country, soot, in than special energy developed. The invention common with many o'her valuable substan- of towns were a pure gain to humanity, if ces, is wasted. Some English Farmers use due admixtu e of the country life can be sethousands of bushels annually, and with cured. And to obtain this advantage to our great profit, applying twenty-five to fifty laboring population is one of the great tasks bushels per acre. Its great value, however, of our age. Our physiology teaches us that is for the compost heap, where it not only the vice and misery of our great towns can absorbs new quantities of ammonia, but as- never be combatted successfully in the strongsists in insuring that kind of decay of woody holds which they have made their own, and fibre known as ermacaucis, and arresting fortified for ages-the courts and alleys where the rutrid fermentation, which frequently the poisonous atmosphere combines with all is so violent as to cause the loss of much bateful sights and sounds at once to deaden of the volatile products, porducing the con- and to irritate the nervous sensibility. From dition known as fire fanging. Soot may the continued breathing of a vitiated atmoalso be used like other finely divided black sphere inevitably arises either apathy or a powders, for dusting over young turnips and craving for intoxicating drinks; in all probaother plants infested with the turnip-fly, billty, each in turn. The dark blood, accuand after performing this office it will find mulating in the vessels, at first acts as an irritant, and then reduces the organs to a state of lowered activity; both conditions alike exciting the taste for poisonous doses of alcohol. To deliver the brains of the industrious poor from these oppressive demons of fied will not fail, if properly tried: Take two bad air and hateful sights, were a task worounces Venice Turpentine, one ounce of Red thy of the highest ambition .- [Cornhill Mag-

We find that dwarf pear trees are not as popular now as some five or six years ago. and it is not to be wondered at. The cultivation of dwarf trees -especially among careless persons, or those who do not or will not understand how to take care of them-is much more troublesome than the standard Nevertheles they have this advantage over the standard: they are usually low branched; and if they are planted at least three inches below the union of the pear and quince, they are secure against the worm, and they also take root from the pear stock, making a more vigorous, thrifty tree. They occupying much less space, making a more beautiful tree, coming into bearing earlier, as a rule, and placing the fruit at all times within reach. If they should grow too freely, sink the spade in a radius of about thirty inches from the tree, severing the roots beyond that distance. Should the roots lie deep, remove some of the earth before commencing and retards the too rampant growth of trees. When standard trees are preferred when room is limited, select the low-branched, and pursue the same course.

## AAAAAAAAA

ees. fellows.

REMEDY FOR LICE IN FARM STOCK. - The following remedy I have used, and found to be a certain cure, and one which I am satis-Precipitate, eight ounces fresh butter; take azine. CUT WORM AND CORN GRUE KILLER - Asa the turpentine and put it into a smooth vessel,

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ewelling fruit, the prospects of a great crop Fitch, the eminent entomologist of the New pour water upon it and stir it well, then pour THE SPIDERS OF CEYLON .- One sprci s York State Agricultural Society, says: "I off all the scum that ris s on the top, and con- weaves threads. or cords rather, athwart the Col. Wilder denounces grafting on suckers doubt not that you have noticed in plowed linue this process until it becomes like cream or pathways, which more than once actually as a curse to any orchard. As to apples, he fields, a large black beetle with most b illiant wax, and then add the other ingre lients and lifted Sir Emerson Tennent's hat off his head thought with other gentlemen who expressed golden dots placed in rows on its back. It is mix them well before using. One ounce of in riding; and, when they struck the face, the same opinion, that the best variaties for the Calosom calidum of entomologists, and its the above will cure the itch and kill lice of all produced a painful twang across that tender general cultivation, were the Baldwin, Rhode eggs produce the corn-grub killer. It is a descriptions on man and beast, and the old district of the body? There is a Ceyloncse Island Greening, Roxbury Resett and Tal- most inveterate foe of the cut-worm, grasping sow too .- [John Eversole, in Canadian Agri- spider with legs that would span an ordinaryman's Sweet ng. Dr. Loring had found lime the worm in its strong jaws, and in spite of culturist. sized breakfast-plate; and it seems to be a employed in combination with pruning, very its violent writhing and struggling, securely successful in renovating old orchards or old holding it; and when it finds these worms in UNRULY CATTLE .- An ox or cow that is seize small birds and feast upon their bloed! ANAAAAAAAAAAAAAA fruit trees. Orchards, be said, could be plenty, it gorges and surfeits itself upon them accustomed to throwing fences, may be pre- It is also known that there are such spiders readily planted in land which could not be till it is so glutted and distended as to be vented doing so by taking a large wire and both in Australia and in Hindestan. The tilled for ordinary farm crops, provided the scarcely able to stir-for it never knows how bending it in the shape of a bow; then bend | webs of such spiders are strong enough to soil was good, thus saving more even land and to let a cut worm alone when it meets with the points in the shape of a fish-hook; tie two entangle and hold the small birds, on which one. It is continually hunting these worms, strings to the wire, place the hooks in the they are said occasionally to feed. The birds, There was one or two points, touching the feeding on nothing else if it can obtain them. nostrils lightly, and tie one string to the however are more of the nature of hummingcoltivation of fruit, especially apples, pears Both it and the golden dotted bettle which point of each horn. This will prevent the birds than of larger size. Small house lizards and cherries, which we should like to have produces it, therefore, should never be most unruly ox or cow from throwing fen- will also be seized and devoured by these