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Improved Modes in Celery Culture-How the Crop Is Fertilized for Best Besuits Varieties That Command Good Prices

The cultivation of celery has largely in-The cultivation of celery has largely increased of late years, not only among market gardeners, who grow this delicious vegetable for sale, but small farmers and amateurs now grow it for home consumption. With this increased cultivation have come improved methods of culture and a more general knowledge of the necessities of the plant.

Under the improved system of the

Under the improved system of "flat culture," explains The New York World, the old method of trenching is fast disappearing, and with it goes much of the labor and expense that attended the growing of a calcur growing of a calcurate growing of a calcur growing of a calcurate growing gr

pearing, and with it goes much of the labor and expense that attended the growing of a celery crop in past years.

It has been learned with experience that climatic influence and soil exert great influence on the celery plant. The natural situation for celery seems to be moist, cool, half shady position, and if near a body of water so much the better, as the vapors that arise therefrom impart to the atmosphere the required dampness. A rich mucky or loam soil produces best results. In the country round about Kalamazoo, Mich., famous for its celery, the growers apply stable manure in preference to other sorts, often plowing under a

growers apply stable manure in preference to other sorts, often plowing under a dressing of one to two inches every year. Stable manure is also much employed by the New Jersey growers who supply the New York market with celery.

The transplanting is usually done in ground that has been highly manured in the spring for early cabbages, etc., which, being disposed of by the 1st of July, brings transplanting of celery from about the middle of July on to the middle of August among the market gardeners. The plants for an early crop may, however, be transplanted in the latter part of June. The ground ought to be plowed and harrowed thoroughly and rows marked out for large theroughly and rows marked out for large varieties, say five feet apart; for dwarf, three feet, and for that portion of the crop which is to be stored in trenches for winter use the distances are narrowed

whiter use the distances about a foot.

Previous to transplanting the tops of the plants ought to be cut off just above the shoots which grow out of the heart, and the main root may be shortened a trifle. The holes may be made with a dibble, and about six inches apart in the rows. Take the plant in the left hand and place straight up in the hole, then firm the soil compactly against the roots, so that the plant will be well fixed in place. Wet weather is desirable at planting time, and, when practicable, a rain should be taken advantage of by the planter.

planter.
The summer cultivation consists in keeping down the weeds and loosening and leveling the soil around the plants. Market gardeners as a rule confine themselves to growing one or two varie-ties known to be good and of a character suited to the market for which the celery is designed. "Crawford Half Dwarf" is use. yet it is one of the most useful, if carefully used.

The great foundation upon which the value of the Trotting Herse.

Value of the Trotting Herse.

Value of the Trotting Herse.

The great foundation upon which the value of the trotting horse rests, says as high authority as Wallace, is superiority in the practical and business uses of the American people to any other type of horse. The trotting horse rests, says as high authority as Wallace, is superiority in the practical and business uses of the American people to any other type of horse. The trotting horse breeder who is wise in his generation will aim at producing a horse with the breeding and other essentials of both a "king of the turf and a lord of the road." It is well comparatively new sort, is one of the earliest of all the varieties, and is quite decorative in appearance. A peculiarity of this variety is that naturally its stalk and portions of its inner the stalk and produced and its inner the stalk and its inner the stalk and produced and its inner the stalk and produced and its inner the stalk and its inner the

be guilte decorative in appearance. A peculiarity of this variety is that naturally its stalk and portions of its inner leaves and heart are white, so that by closing the stalks, either by tying them up with matting or by simply drawing it together with the hands, and again drawing up the soil with the hene or plow so as to keep the soil that has been squeezed against the celery in its place, the work of blanching is complete. As a winter celery it is not advised, for it does not keep well, but it is highly esteemed among the early varieties for the excellence of its quality and its fine appearance.

The Wheat Harvest.

The condition of the growing wheat crop in the different states has from time to time been reported, and may be summarized by saying that the crop of winter wheat will be reduced in quantity, whatever the quality may be. The harvest will now be a subject of absorbing interest wherever it is in progress or yet to come. Quality and condition will now depend one, and generally unfavorable, the hope may be indulged in that the few weeks of harvest will be propitious and that the crop will be saved in good condition.

By the use of the improved agricultural implements now so universally employed the harvesting can be done in the shortest possible time, so that in a season of catching rains a dryd day or two at about the right time may be counted on when the wheat of a farm can be put in shock and secured against ordinary mishaps.

Different opinions prevail as to the prometrium for waiting what Same for the road or park. There is no need of sacgificing afgeingle icts of the total of so that he will still bring a good dation and mares to breed from that are great on the turf, great in blood, and great in form.

Summer Mulching.

Mulching is a good thing when properly done. There are, however, serious objections to the country from the trees. The better plan is to begin early in the spring and give successive moderate applications. If left late in the summer and applications. If left late in the summer

wheat of a farm can be put in shock and secured against ordinary mishaps.

Different opinions prevail as to the proper time for cutting wheat. Some favor cutting when it it passing from the milky to the dough state as a preventive against rust. Where rust is not threatened the proper time would seem to be a point between the early dough state and the full ripeness and before any loss will ensue from shelling of the grain in handling. The sheaves should be carefully shocked and the cap sheaves so laid on as to make the shock impervious to rain.

Occasionally wheat is threshed from the shock, but the usual practice in the winter wheat growing states is to haul the shocks from the field and form the sheaves into ricks or stacks. Of the two forms the round, bulging stack is by far the Occasionally wheat is threshed from the shock, but the usual practice in the winter wheat growing states is to haul the shocks from the field and form the sheaves into ricks or stacks. Of the two forms the round, bulging stack is by far the preferable one. Where the wheat is to remain unthreshed a considerable time it is important that the stack be built up in such a form as will best protect the grain and straw from the weather. Only an experienced hand should be put on the stack. Anybody can pitch up the sheaves, but practice is required in building a handsome and shapely stack.

Professor Maynard, of Amherst, finds that pyrethrum applied to trees and vines at the rate of one pound to 100 gallons of water will destroy many small young insects and paralyze the old ones so they will fall from the trees. Carker worms.

Professor Maynard, of Amherst, finds that pyrethrum applied to trees and vines at the rate of one pound to 100 gallons of water will destroy many small young insects and paralyze the old ones so they will fall from the trees. Canker worms or other insects which crawl may then be kept from returning to the trees by bands of tarred paper wrapped around the trunks.

There seems no question about the ex-cellence of the Kieffer pear for canning purposes, though horticulturists gen-arelly hold diverse opinions in reference to the quality while fresh.

QUERIES IN BEE CULTURE. Prominent Apiarians Give Their Views

Queries prepounded to well known bee culturists throughout the country and answered by them in a recent issue of The American Bee Journal were as follows: "1. Will foundation one or two years old be drawn out by the bees as quickly and satisfactorily as newly made foundation? 2. If not, is there any process by which it can be renewed so as to make it as good as newly made foundation? 3. Will it pay to use old foundation? G. L. Tinker replied to No. 1: "That

tion?"
G. L. Tinker replied to No. 1: "That depends much upon how it has been kept. If allowed to freeze, it becomes hard, and is worked out by the bees slowly. But if kept in a warm room it remains soft and pliable, and I doubt if age injures it, if it is put in a tight box with papers between the layers."

Mrs. L. Harrison answered: 1. Yes, if your foundation is all right in the first

water, sweetened with honey. 3. It pays me."

C. H. Dibbern answered as follows: "1. There is but little difference. 2. It can be dipped in warm water to freshen it, but I do not think it is necessary, as the bees clustering on it will render it pliable. 3. Yes."

James Heddon replied: "1. There is little if any difference. This is answer enough for all the questions."

M. Makin said: "1. I have observed very little difference. 2. If heated until quite soft, either by dipping it in hot water or by exposing it to a temperature of 100 degs. or more, it will be as good as new."

new."

The editor of The Journal said: "1. Yes, if it has been properly kept in a box it will be just as good as that just made. 2. If it has been exposed to the air and become hard, dipping it in hot water or placing it in the sun will soften it. 8. Yes."

Insecticides in the Poultry Yard. Persons who have not had much experience with raising chickens are liable to use disinfectants too heavily, and so kill quite innocently many birds. Rural New Yorker calls attention to the harm often done by mercurial cintment, oil of sassa-fras, turpentine, kerosene, etc. These are all good in proper proportion and when used with great care; the mercurial ointment may be used much weakened with lard, on their heads, and oil of sassafras is still better; but half a teaspoonful is enough to a gill of sweet oil. This will be very effective without depress if your be very effective without danger, if very lightly applied under the wings of the mother hen, or even if a little is sprinkled around the nest or coop. Turpentine is a dangerous thing in the hands of a novice, or rather in a chicken's throat. Carbolic acid is another deadly thing in careless use, yet it is one of the most useful, if carefully used.

to have two strings to a bow. If the horse fails of honor on the turf, he should be bred so that he will still bring a good paying price for the road or park. There

A Word About Turnips.

Attention is called to the fact that turnips may be sown on ground occupied by the earlier crops. Sow, when practicable, just previous to a rain. This second crop will prove a valuable one, for it will afford a large amount of good feed just when roots are most needed.

Here and There. At a meeting of the Nova Scotia Fruit Growers' association a member reported having tried, with complete success, the application of salt water to the bark, of apple trees for destroying the bark loise. One pint of salt is dissolved in two gallons of water and applied with a stiff point burgh.

answer the purpose.

According to Professor Riley, the best way to get rid of the apple root plant louse is to drench the roots of the infected tree

is to drench the roots of the infector with hot water.

Professor E. S. Goff tells in The Rural
New Yorker that he is unable, after a
comparative test, to detect any difference
in efficiency between London purple and
Paris green as an insecticide, and London
purple is cammercially much the cheaper

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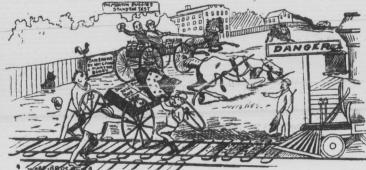
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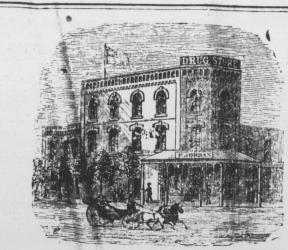
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