

Tomatoes For the Cannery.

Raising tomatoes for the canneries has grown to be quite an industry in New Jersey, California, Delaware and Ohio. The canneries are permanent and there is no reason why the growing of tomatoes will not continue to be a profitable business with many.

Growing tomatoes for a cannery differs from raising them for the market. In the former case, first of all, a large yield is sought. Early maturity is of the fact that, grown under these apparent arrow arum that shares with the tracts to sell the whole crop at a fixed price. It is said that good corn land is rich enough for tomatoes, although medium clay loam is preferred by twelve normal-sized tubers.

plowing. At any rate and should be Darst disclosed the methods of grow plowed as early in the spring as posto those who grow tomate s for them. ficially with its needs. In case it is preferred to grow the By employing sawdust, peat, straw, the plants, as that will kill them. above ground. When they begin to branch do not cultivate closer than the ends of the mitting the free access of air-and ar-

on nearly all of these soils a liberal use of fertilizers will be profitable.

The tomato plant is a gross feeder, and especially requires an abundant

supply of potash. Prof. Voorhees, of New Jersey, who is authority on such subjects, estimates that ten tons of fruit, with the accompanying vines, would contain fifty-seven pounds of

nitrogen, sixteen pounds of phosphoric acid, and ninety-four pounds of potash. On many of our clay lands phosphoric

acid is relatively low, and the applicalion of potash is neede to pro uce the most profitable crops. The nitrogen supply is more variable, and can often be secured by turning under a leguminous crop. On Eastern lands, which

have been devoted to last year's tomaioes, nitrate of soda can be used with a profit. In the Central States, manu-

facturers of fertilizers have not offered goods specially prepared for this vege-

table because of a lack of demand, due largely to the ignorance of same, and

from lack of knowledge of the require-

ments of the soil. But of late both the

growers and the canners are asking for

advice regarding fertilizers to be used

on tomatoes. A mixture that has been officially recommended contains:

Nitrogen ...... 4 per cent. Phosphoric acid... 7 per cent.

Potash .........12 per cent.

using about 500 pounds of this mixture

way of Chicago. It is stated that a color. Plucking one, we may think we a number of States. Maryland leads chemical solution and fifteen potatoes flame-colored flowers, while the fact half-bushel of sawdust, a dash of are looking at a pike of gorgeous the list with about two million cases carefully enveloped with the sawdust is that the striking effect is produced per annum; Indiana, with her million will enable the average householder to cases, second; followed, in turn, by grow a bushel of tubers on his house- intermingled with the real flowers top or in his cellar within sixty days. This process has been discovered and Ohio. The canneries are permanent institutions, the demand is increasing, really there is no reason why the grow. Falls, Mont. Moreover, the grower Ind will have no potato bugs to contend befooling her unobservant devotees with, no turning over of the soil at that she has caused one whole family certain intervals, and no contest with of plants to be given over to this make-

'ie product of Mr Darst's process long that favorite little preacher of the is termed the "vineless potato" from April wood—Jack-in-the-pulpit; the parently unnatural conditions, there is surface vegetation, because of which, each potato buried in the sawdust is enabled to produce at least

Splendid results follow fall or winter the rear of the Oakland Hotel, Mr. Recently at the Oakland Plaza, in ing potatoes by his system. Operating Plow deep and follow with on the theory that the presence of surearth mulching, that is, maintain a face vegetation was only a method of thin layer of fine earth on the surface securing nourishment and in reality by shallow cultivation, which will be sapped the vitality of the tuber, Mr. of great value in saving the moisture. Darst experimented more than six The variety should be such as the years and found he could overcome canneries prefer. They will generally this seemingly natural course on the provide the plants at a nominal price part of the plant by supplying it arti-

plants near where they are to be set, or any other earth product that would they should be started in a cold frame permit of the circulation of air, moistor on the south side of a board fence ure and heat, and by applying solutions in a rich warm soil. The plants will of various fertilizers, discovered increase to proper size in four or five that a single potato would multiply weeks, and should be set out in the itself by attaching to itself from field in rows about four feet apart, for twelve to sixteen other potatoes of ease of cultivation. Start the cultiva- approximately the same dimensions tion early, but be careful not to bark without throwing off any of its energy

branches. Continue stirring the soil ranged in rows six inches above each

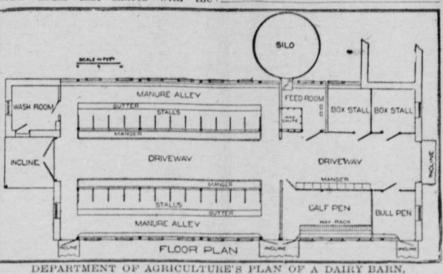
matter of fact, what are commonly re- first, it allows ample room for the | Standard Oil keeps the way to bank-

So, too, with the flowers of the pretty "painted cup," which when it ment of Agriculture. (Circular 90, B. blossoms in May frequently makes A. I.) A queer tale in agriculture comes by whole meadows rosy with brilliant entirely by numerous reddened leaves OH BOYSIII OH BOYSIII which are as plain as Cindere sisters and practically hidden from

Indeed, so fond is Mother Nature of believe habit of flowering. To it be-

garded as the petals of the dogwood stalls and passageways, and, second, ruptcy well greased for all rivals. are no part of the floral structure at it permits of the most economical use all, but merely four large white leaves, of lumber in building. The length which, during the winter, served as shown is 84 feet, but this feature is protective wrappers to the flower buds. wholly dependent on the number of handle it. The real flowers are about the size of cows the dairyman wishes to handle. shoe-pegs, of greenish color and are One of the weakest joints in barn conbunched several together in a small struction is the small amount of wincluster in the midst of the four white dow space usually allowed. This error leaves, and if observed at all by the is rectified by the Department in this average wild flower gatherers, are plan by allowing approximately 6 mistaken for stamens.





patterdock and pickerel weed the muddy margins of shallow streams; the skunk cabbage, and that aristocrat of the greenhouse, the immacuate calla lily. With all these the lowers are unrecognizable in them selves as such, except by the initiated, eing minute and crowded on a fleshy

Another gay deceiver is the poinsetta of the hot-house. In this case it is a circlet of scarlet leaves which popular estimation rates as a flower, while the poor little real blossom clustered in the midst of these robbers of their good name live and die unappreciated. Relatives of the poinsetta are the wild spurges of our sandy fields. The flowers of many of these, ilarly provided with relatively showy appendages, deceiving all but students.

Model Dairy Farm.

The Department of Agriculture has recently published a bulletin containing suggestions for constructing a model dairy barn. It has been the endeavor of the Department to plan a barn embodying the best ideas in lentific and sanitary construction that are consistent with practicability and cheapness, and it is believed the result accomplished by the plan pub-lished will help the dairyman to get





LEAVES WHICH POSE AS BLOSSOMS

Counterfeit Blossoms.

A properly made tobacco fertilizer is walks with their arms full of snowy also suited for this crop, and the branches has ever noticed the real

OVER

has attended them Mr. Darst, it is Department to insist that the arrange stated, has the indorsement of Luther [ment shown is the only satisfactor; by the builder and which are vital to a well-planned structure.

The amount of space allowed for unobservant traveler who did not ments so far as the square feet of know it; yet it is questionable if one floor space is concerned. The ar to indicate that sulphate of out of fifty of the multitude of people rangement of the space can be adapted potash gives them a better quality. Who come home from their country to the needs of the particular location. The design calls for a width of 36 feet 4 inches outside. potash in it is derived from sulphate. | flowers of this beautiful tree. \_as a main reasons for adopting this width;

3½ FEET

Miss Helen Gould has so much mail that two secretaries are required to



ural, mechanical or electrical? hultureus et open. Any location descred. Salaries 1) write us to-day. HAPGOOD'S, Suite 14 Broadway, N. Y.



This seems a

## Clean Food

TRUE BLUE CO., DEPARTMENT 871, BOSTON, MASS

We are inclined to believe that some magazine writers in their anxiety to fields. The flowers of many of these, inconspicuous in themselves, are sim- attract attention to themselves have overstated the case against the meat packers.

> We do not sell meat but believe in fair play, and also in a complete knowledge. by the people, of exactly what they are eating.

We have always printed on each and every pkg. of

## Grape-Nuts

of the soils in the Middle States a re- within sixty days fifteen potatoes will space for feed room, hay chute, wash exactly what it is made of and the scores of visitors who pass through our works munerative crop may be produced with produce a bushel. In the character of room and silo. In presenting the plan every day find the Pure Food Factories as clean and sweet as a maiden's fresh white apron. The food is thoroughly cooked in these factories from the choicest white wheat and barley, the sweet offering of the fields.

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"There's a Reason."

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