

matic circles as well-look forward interestedly for the opening of the government hothouses which display the finest of Uncle Sam's experiments in this branch of flower growing.

GUY ELLIOTT MITCHELL.

florists was yellow and was grown in Japan. It was carried over to China and from that country rapidly spread all over the world. The passing years however, wrought wonders, and the chrysanthemum, the "autumn queen,"

three feet. Alfalfa roots go to the chormous depth of twenty to thirty feet. All of which may give some farmers new ideas as to cultivation Perhaps nowhere in the world can one find such a varied and magnificent and distinct varieties, some white, some yellow, while others were pink, brown and red. This was obtained by grafting stems from valuable sorts on a good stock.

The first chrysanthemum known to florists was yellow and was grown in the distance at which to plant. When late potato hills are three feet apart each way the soil is very fully occutained by grafting stems from valuable sorts on a good stock.

The first chrysanthemum known to florists was yellow and was grown in

Salt Not Needed For Asparagus. Another short article is on the Proper Fertilzers for Asparagus. Although salt has been considered a time-honored necessity for this crop, it has been found that asparagus will yield as well without as with it except for the fact that the salt prevents the growth of weeds.

Growing Mushrooms for Home Use, s another short article and Onion Culture covers another. Another short article gives the remarkable re-Another sults of forcing early rhubarb with

Raising Calves on Skim Milk, sup plemented, of course, by grain, is an instructive little article, covering the results of experiments in this line in the government stations in Iowa, Ida-ho, Kansas, Nebraska and Utah. Entire success has been had with the skim milk diet and the practice is considered even more desirable by some authorities than allowing the youngsters to have natural milk.

Other topics discussed are Noodles, product prepared by European housewives and some manufacturers from flour with the addition of a certain amount of eggs and salt dough being rolled into sheets and cut into strips or fanciful shapes; Condition Powders and Special Stimulating beeds for Fowls and Farm Animals; the Relative Cost of Producing Meat from the Beef Type and the Daily Type of Cattle; the Use of Animal Food for Young Ducks, showing the gains of ducklings on rations contain ing different proportions of animal food; the Bad Effect of Using Milk from Diseased Cows and the Production of Cider Vinegar.

This is a free bulletin and application should be made to your senator or member of congress, or to Secretary James Wilson at Washington.

Coffee For the Army.

The yearly contract for supplying offee for the United States Army is about to be let by the Quartermaster General, and the Department of Agriculture has been called upon to de-The annual chrysanthemum show of the Department of Agriculture, under the auspices of the bureau of plant industry, of which Dr. B. T. Galloway is chief, has just been held in the new greenhouses of the department. The building was one mass of bloom with the show windows of flor bloom with the pot and by the odor with the pot at woman may deposit money without her bureau cook had prepared according to the show windows of flor bloom with the pot at woman may deposit money without her bureau cook had prepared according to the show windows of flor bloom with the pot at woman may deposit money without her bursand's consent. At any age because of the bureau cook had prepared according to work the deposit money without her bursand's consent. At any age because of the bureau cook had prepared according to work the deposit money without her bursand's consent. At any age because of the bureau cook had prepared according to work the deposit money without her bursand's consent. At any age because of the bureau cook had prepared according to work the deposit money without her bursand's consent. At any age because of the bureau cook had prepared according to work the deposit money without her bursand's consent. At any age because of the bureau cook had prepared according to work the position of the positio

feet. Flax roots go down three and tour feet. Grass roots, four to six feet. Red clover completely occupies the upper three feet of soil. Crimson the cream. The cream is placed in the cream. clover roots in a single year grow the vessel so that the dasher is in the ed slowly for a few seconds, and



ALFALFA TWO YEARS OLD. fresh cold water is poured in and the handle turned slowly two or three times when the butter is ready for washing, salting and eating.

OLD AGE PENSION.

Much Attention Given in France to the Care of the Indigent.

France evidently does not believe that the old should be chloroformed and put out of the way, for, according to official reports received from United States officials located at Paris, that government has a system of pensioning for the aged. For more than a century the French government has been experimenting with schemes for giving an annuity to the old, not, however with entire success.

riculture has been called upon to decide which brand shall be purchased. This test was made under the supervision of Dr. Wiley. Chief of the Bureau of memistry. He selected a jury of veteran coffee drinkers who know and can tell good coffee from bad by flavor and by the odor with the pot at grobably a bundred yards distant. The At the present time deposits are re-



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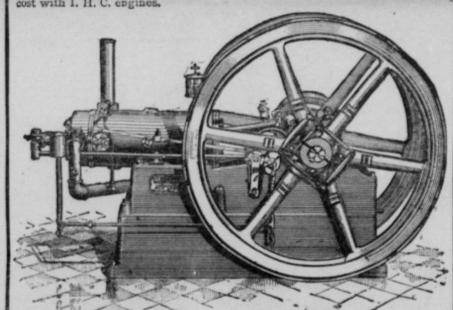
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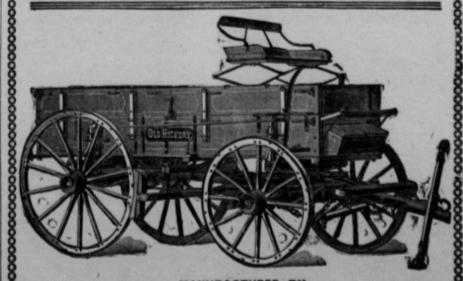
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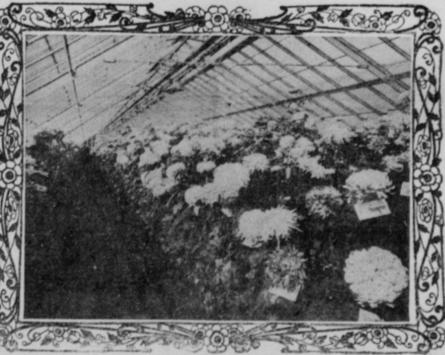
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CHRYSANTHEMUM WEALTH IN THE GOVERNMENT GREENHOUSE.

y the jury from cups and spoons. | the amount of his deposit and interest After the test the jury was dismissed and the probabilities of life, but the and the members each wrote a separate report, giving his views of the coffee, and stating which of the samples he considered the best. These empowered to receive deposits, and in were placed in sealed envelopes and sent to Dr. Wiley who opened them and submitted the finding to the Quartermaster General. Dr. Wiley also constituted a part of the jury—a foreman as it were to scental, whether nan, as it were—to ascertain whether his findings and judgment of the qualty of the coffee coincided with those the others.

Cas Minute Butter.

Practical Farm Experiments.

Of the various publications of the Department of Agriculture the most puscell and probabily the most popular.

There are several large institutions for the care of the indigent aged. Some of these are free and at others a small the product of the government's gardeners, avtificial pollenation and cross breeding valuable varieties, bringing breeding valuable varieties. The instantaneous ice-cream maker charge is made for board and lodging.

empowered to receive deposits, and in

in any town or village, with the per-

mission of the prefect of the depart-

ment, and there are about 2,300 of such

branches, with nearly 340,000 de-



A FAMILY OF EDIBLE MUSHROOMS.

A plant at the Department's show this year which attracted more than usual attention was a specimen about cupy the ground to a depth of four time desired—while you wait. The small sum per annum.

Calves at Supper. kim Milk Fed Carcases.

in the new greenhouses of the depart found in the show windows of flor-ment. The building was one mass of bloom with its several thousand of taxed sums ranging from one to three

Skim Milk Fed

compassing the ground in every direc-

plants, representing about 130 diff- dollars for a single blossom. about most startling results. This year the most successful of the department's efforts is a magnificent yellow flower fully ten inches in diame-The petals are extremely heavy, well shaped and all in all the bloom is a huge ball of molten gold. The flower is not merely one for show; is a farmer's bulletin issued five or six times a year on experiment station florists who have seen it declare that it is of much commercial value.

work. "Practical Farm Experiments" would probably be a comprehensive title for these bulletins, as each

The Mrs. Roosevelt Chrysanthemum. pamphlet of about 30 pages is com-

Secretary Wilson was so pleased with this "Seedling of 1905" that he authorized it named Mrs. Roosevelt, in honor of the first lady of the land. But the department's experiments along the line of chrysanthemum crossing are not always a success.

Last spring efforts were made to cross two varieties—Merza and Lieutenant-Colonel Du Croisset—the lar-whereas when a farmer receives a gest of the white and yellow kinds-longer bulletin he is more likely to lay with the hope of producing a combination of value. When the flower of the new plant unfolded itself it presented an ugly mass of brown, red, yellow and white, and of but ordinary size. It had gone back. Other hybrids have last issue of these bulletins and its little stories are decidedly interesting. a tendency to go back to single petal varieties and to distinctly different color from the parents. And yet each year the efforts of the government gardeners are rewarded, even though they produce one good specimen, by obtaining a chrysanthemum of rare beauty and shape.

last issue of these bulletins and its little stories are decidedly interesting. Information given on the root system of field crops will be a surprise to probably even some of the best informed farmers. An illustration is shown of corn roots as they occupy the ground in the corn rows. It shows a myriad of small rootlets, entirely en-