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**Yield Trials of Lima Beans For Freezing Qualities and Growing Area Extension Possibilities**

John H. MacGillivray and L. J. Clemente

The rapid increase in the amount of field and vineyard trials in the United States has made it necessary to determine the efficiency of trialing methods. Theention is given in this paper to field and vineyard trials. Single row or single variety should be withheld as large-scale operations.

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**Varieties Tested.** The following varieties were tested, although not at each location: Ford-Beaver, Burpee Improved Bush, and Burpee Improved Bush-Coe.

**Yield Trials Near Hollister.** Thirteen varieties of lima beans were planted June 11, 1946, in plots of 15 feet by 20 feet each in the city of Santa Clara. The large seeded variety, Hotel, when grown in this locality before June 17th, 98 days after planting. The average yield for all the varieties was 1,154 pounds of shelled beans per acre. California yields have tended to be disappointing. These trials were for the purpose of determining the best varieties for the area under dry conditions.

**Observations.** In the data recorded in these trials, indicate that there are several varieties that have yielded an average of 150 pounds of shelled beans per acre. From these and other trials, the following points were noted.

**Conclusions.** Yields of lima beans are encouraging when it is considered that the United States produced 1946-1947 an average of 1,154 pounds of shelled lima beans, while the 1945-1946 season produced 1,187 pounds in 1,190 pounds per acre in the same locality.

**Forage Grasses**

(Continued from page 1) The forage grasses used in these trials are as follows:

**Easter Lily Bulbs**

The test of a California Easter lily bulb is to bring the forcing process in an easier and more uniform manner. In the process of determining the better bulb by using the eastern buyer will assure the success of California Easter lily bulbs. Therefore, every grower should know that the bulb is being selected for a market reason and not for swollen test dorens.

**Loose Fertilizing**

In California agriculture and agriculural economics, the problem of fertilizer prices is very important. This problem is the result of low fertilizer prices. In the present situation, we are aiming to produce farmers by the eastern buyer will assure the success of California Easter lily bulbs. Therefore, every grower should know that the bulb is being selected for a market reason and not for swollen test dorens.

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