

Financial loss due to weeds; Dissemination of weeds; Chemical herbicides; and a List of plants distinctly poisonous or mechanically harmful to animal life. The larger part of the book, nearly 550 pages, is given to a descriptive list of weeds, in botanical sequence, with indications of the means of controlling them; and a bibliography, glossary and index complete the work. Though lacking enlarged details, the illustrations well picture the grosser essentials of identification.

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 Trelease.

McKay, A. W., Citrus fruit handling and storage. (Proc. Fla. State Hort. Soc. p. 30—45. 1913.)

A brief review is given of the results of work during several seasons on the blue mold decay of Florida oranges. The careful picking and handling of the fruit to prevent injury are emphasized in order to lessen or entirely prevent losses caused by this fungus. The preliminary experiments on grape fruit storage are discussed. The indications given by these experiments were that wrapped fruit keeps better in storage than unwrapped, and that the fruit not washed keeps better than the washed, and that storage improves the quality of grapefruit as determined by chemical analysis. These analyses showed that the citric acid content remained practically constant, but that the sugar content increased during the storage of 2—4 months by 1—1.5%.

M. C. Merrill (St. Louis).

Ramsay, H. J., The relation of handling to decay of Florida oranges in transit and on the market. (Proc. Fla. State Hort. Soc. p. 28—42.)

An address before the Fla. State Hort. Soc. in which the results of the investigations covering six seasons are outlined. Careful picking, handling, and packing of the fruit are emphasized as practicable means of lessening or preventing losses caused by the blue mold fungus. It was also found that less decay developed on the unwashed fruit than on those that had been washed before packing.

M. C. Merrill (St. Louis).

Trnka, R., B. Mysík und Š. Sajfert. Die Resultate der dreijährigen Versuche mit Elektrokultur. (Věstník V. sjez. čes. lék. přír. p. 408. 1915. Böhmisch.)

Im Ganzen lässt sich nach den zahlenmässigen Angaben der Autoren sagen, dass die Elektrisierung den Ernteertrag erhöht, aber dass diese Erhöhung noch weitaus nicht in dem Masse ist, dass man die Elektrisierung für allgemeine Praxis empfehlen dürfte. Bei fast allen versuchten Pflanzen hat sich die tägige, im Gegensatz zu der nächtlichen Elektrisierung mehr bewährt.

Jar. Stuchlík.

Personalm Nachrichten.

Gestorben: **Julius Glowacki**, Gymnasial Direktor i. R., bekannter Bryologe, am 18. Mai.

M. Gaston Bonnier vient d'être élu Membre honoraire de l'Université de Pétrograd.

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