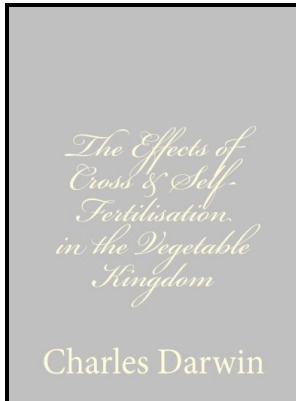


Effects of cross and self fertilisation in the vegetable kingdom.

D. Appleton and company - Details



Description: -

-

Plants -- Variation.

Pollination.effects of cross and self fertilisation in the vegetable kingdom.

-effects of cross and self fertilisation in the vegetable kingdom.

Notes: 1st edition, 1876.

This edition was published in 1877



Filesize: 38.109 MB

Tags: #Effects #of #Cross #and #Self #Fertilisation #in #the #Vegetable #Kingdom #(May #26, #2017 #edition)

Effects of Cross and Self Fertilization in the Vegetable Kingdom

First Generation of crossed and self-fertilised Plants growing in competition with one another. The effects of cross and self-fertilization in the Vegetable Kingdom

Darwin, C. R. 1876. The effects of cross and self fertilisation in the vegetable kingdom. London: John Murray.

The male and female organs of some flowers are irritable, and the insects which touch them get dusted with pollen, which is thus transported to other flowers. The average height of the Colchester-crossed is 84. This variety produced plenty of spontaneously self-fertilised seed under a net.

Read The Effects of Cross and Self Fertilisation in the Vegetable Kingdom by Charles Darwin

After the heights of the crossed and self-fertilised plants had been taken, they were sometimes cut down close to the ground, and an equal number of both weighed. I was at last led to make the experiments recorded in the present volume from the following circumstance. It was translated into French, German and Italian in Darwin's lifetime, and into three further languages since his death.

Effects of Cross and Self Fertilization in the Vegetable Kingdom

Plants of English-crossed and intercrossed parentage, as 100 to 45 seeds. They were measured to the summits of their flower-stems.

Darwin Online: Cross and Self Fertilisation

The three self-fertilised plants produced twenty-three flower-stems, the two tallest of which on each plant had an average height of 46. My experiments were tried in the following manner.

Effects of Cross and Self Fertilisation in the Vegetable Kingdom (May 26, 2017 edition)

Statistical value of the measurements. Seeds from the above crossed and self-fertilised capsules, after germinating on bare sand, were planted in pairs on the opposite sides of five moderately-sized pots, which were kept in the greenhouse. Seeds were taken from wild plants growing in this neighbourhood and sown in poor soil in my garden.

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