Is Christant Tree a New Hope as an Insecticide?

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Introduction

Christant plant is the kind of plant that grows throughout the year in wet areas. This plant emits scents or fumes which harm pests that destroy vegetables in the gardens. Christant plants secretes fumes since is small in how concentration and still raising fume emission till its maturation. Production of vegetables depends more on farmer's supervision in their garden against pests and diseases. The study was aimed to investigate the efficiency of christant plant on controlling pests and diseases in the vegetables gardens.

Method

The study used observation for comparing the development of vegetables which were planted together with christant plant on different plots. The method was suitable because it is related to the study and it made people aware on how the plant functioning and at what extent by observing. The Chinese evergreen (Agloenema Commutatum) was used as a sample because is among of vegetables which destructed morally by pests.

The procedures which were involved in the study were as follows:-

(i)Two plots of land were clearly prepared.

(ii)The christant plants and seeds of Chinese evergreen were prepared.

(iii)A christant plants were taken and implanted in one plot of land and grown for three (3) weeks.

(iv)Then Chinese evergreen (Agloenema Commutatum) planted in both plot of land.

(v)The plants and vegetables still growing and intension care was taken on supervising and checking the vegetables development.

Results

The following results were obtained during a study.

In plot one in which christant plants were planted together with Chinese evergreen there was no any destruction which was made by pests on the vegetables.

In plot two in which Chinese evergreen did not planted together with christant plant were destroyed by pests.

Conclusion

According the results which were obtained we have realized that the christant plant is profitable to the vegetables farmers due to its efficiency on protecting the vegetables against pests and diseases and can minimize costs to the vegetables farmers. Hence agricultural departments, agricultural cooperative and the organizations which deal with agricultural issues should mobilize vegetable farmers to use this plant for more benefits.

References

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