

Preparation of Guava (*Psidium guajava*) Fossil from Guava (*Psidium guajava*) Plant Small Sized: A Research Paper in the Niche of Fermentation Biotechnology & Biopharmaceutical

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Abstract

In the Present Research Paper Amit Rastogi is Providing Procedure to Develop Guava Plant Fossil Preparation & Preparation of Broad Spectrum Antibiotics from Guava Plant Fossil. Guava Plant Fossil Preparation development was/is done by cutting all three stems & left out one main stem till 1.8 cm at 25/8/23. Left out stems & leaves were stored for further studies. At 23/8/23 in the bottom of pot guava plant Methi seed fresh germinated (5 to 8 days) was placed till 2 inch. At 25/8/23 in the near area of stem 250 mg **Amoxicilin** was placed. Also to start fermentation 2ml fresh Lemon juice was added to soil of guava plant. Also 2 gm NaCl was added too to the upper soil of the guava plant. For better fermentation 1 gm home edible Chinni was added. To develop broad spectrum Antibiotics 2 **Cetirizine** Tablet 10 mg was added. Also Guava pot soil was enriched with Al₂O₃ Bionanoparticles soil (10 gm) & 0.5 gm Basil Leaves was/is added to the upper part of soil. To develop Guava Plant Fossil & Broad spectrum Antibiotics Guava plant pot was placed in dark for 6 months till 22/2/24. After 6 months above said guava plant pot will subjected to Antibiotics Bioanalysis & Fossil of guava will be subjected to another antibiotics Bioanalysis. Also soil will be subjected to prepare Silver Bionanoparticles for Antibiotics Bioanalysis.

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I. Introduction

Guava (*Psidium guajava*) is economical medicinal plant of Myrtaceae family with high nutraceutical value and is considered to be adopted to tolerate conditions like tolerate frost, drought and salinity. It is widely used as food and in folk medicine all around the world. Guava contains many times higher vitamin C than any other fruits which are rich in vitamin C. The high concentrations of pectin content in guava fruit plays to losses the cardiovascular diseases risk. It is low in calories and fats with several antioxidant polyphenolic and flavonoid compounds (Amit Rastogi, 2023).

In cultivation Horticulture of Guava small sized plant five parameter were considered viz. Date and Time, Stem Length (All three Stem), Leaves per Stem, Stem Diameter, Leaf Colour. Experimental day was selected Tuesday dated 22/8/23. There were three stem was/is in Guava plant having stem length 76 cm, 25 cm, 22 cm. Leaves per stem was/is 40 Leaves / Stem with stem length 76 cm, 1 Leaves/Stem with 25 stem length, 4 Leaves / Stem was/is with stem length 22 cm where stem diameter was considered 0.5 Inch, 0.9 Inch, 0.2 Inch respectively. Leaf colour was considered as Green with all three stem. Such guava plant will be considered for Biotechnology, Nanobiotechnology & Biopharmaceutical experimental design (Amit Rastogi, 2023). **In the Present Research Paper Amit Rastogi is Providing Procedure to Develop Guava Plant Fossil Preparation & Preparation of Broad Spectrum Antibiotics from Guava Plant Fossil.**

Experimental Design & Discussion

Guava Plant Fossil Preparation development was/is done by cutting all three stems & left out one main stem till 1.8 cm at 25/8/23. Left out stems & leaves were stored for further studies. At 23/8/23 in the bottom of pot guava plant Methi seed fresh germinated (5 to 8 days) was placed till 2 inch. At 25/8/23 in the near area of stem 250 mg **Amoxicilin** was placed. Also to start fermentation 2ml fresh Lemon juice was added to soil of guava plant. Also 2 gm NaCl was added too to the upper soil of the guava plant. For better fermentation 1 gm **home edible Chinni** was added. To develop broad spectrum Antibiotics 2 **Cetirizine** Tablet 10 mg was added. Also Guava pot soil was enriched with Al₂O₃ Bionanoparticles soil (10 gm) & 0.5 gm Basil Leaves was/is added to the upper part of soil. To develop Guava Plant Fossil & Broad spectrum Antibiotics Guava plant pot was placed in dark for 6 months till 22/2/24.

Concluding Remarks

After 6 months above said guava plant pot will subjected to Antibiotics Bioanalysis & Fossil of guava will be subjected to another antibiotics Bioanalysis. Also soil will be subjected to prepare Silver Bionanoparticles for Antibiotics Bioanalysis.

References

- [1]. Amit Rastogi, Morphological Studies of Guava (Psidium guajava) Plant Small Sized: A Research Paper in the Niche of Botanical Horticulture, International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 07, Issue 08, August 2023