



LEMONMICROBIOTA GROWTH AND FILLING

EFFICACY EVALUATION

RESULTS FROM USING BIOFERTILIZER ON LEMON

LemonMicrobiota, owned by Microendo Inc., is the first product made from the selection of the best microorganisms obtained from the lemon plant *Citrus latifolia*, making it a unique and patented product in the market.

LemonMicrobiota is a bio-inoculant made from a probiotic solution that stimulates the plant growth of *Citrus latifolia*. In addition to strengthening the plant's immune system and reducing stress, it helps recover the original microbiota of this crop.

By using **LemonMicrobiota**, you can reduce your chemical fertilizer use by up to **50%**, providing you with a 100% organic solution in a more logical and natural way for the environment.



FIELD INFORMATION

Location

Rancho Santa Quintería, Atotonilco El Alto, (20°36'28.8"N 102°32'14.0"W)

Analysis Design

- The analysis was conducted by distributing different treatments, and based on this, a comparison of the weight of the lemon fruit was made.
- Randomly selected comparative photographs are presented.

EFFICACY EVALUATION

An application of **LemonMicrobiota** was made every 15 days starting in January 2024, injecting into the irrigation system a solution of 200 liters of water per hectare along with 1 liter of **LemonMicrobiota**. After 6 months, production was increased by **32%** in tons of lemons harvested. The products **LemonMicrobiota Growth** and **LemonMicrobiota Filling** were used, alternating each month according to the stages of the lemon crop.

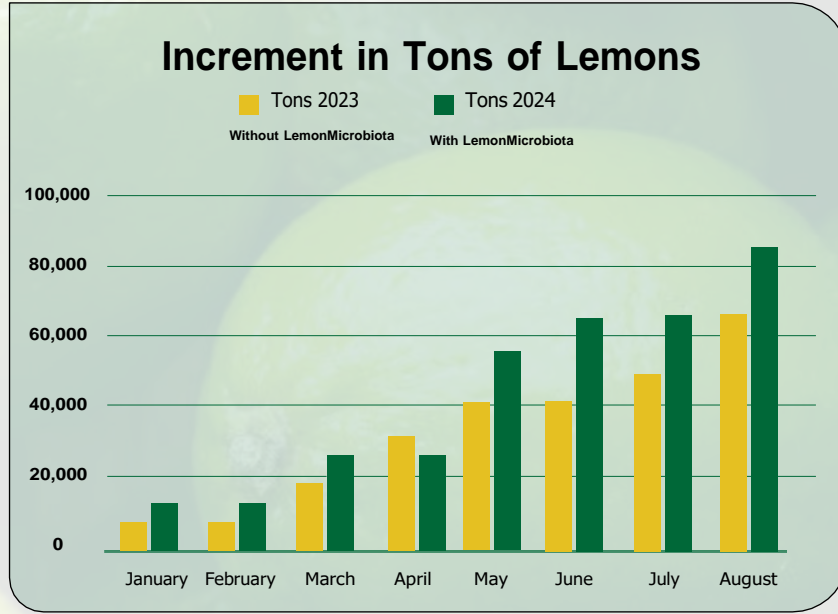
Treatment	Tons 2023	Tons 2024
February	6,030	13,045
March	11,920	12,930
April	18,580	13,045
May	22,430	42,626
June	18,580	21,981
July	28,940	42,626
August	34,106	49,584



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Increment in Tons of Lemons Using Lemon Microbiota Growth and Lemon Microbiota Filling.

