



INDO-ISRAEL AGROTECH LTD

Reg. Office: 503-506, Monalisha Complex, Sayajigunj, Vadodara-390005, Guj.

Mo.No.: 7203016143, 8320821214, 9328002009, 9148320008, 9538084507

Email: fertonic@gmail.com, Website: indoisraelgroup.com

FOUNDER PRESIDENT PROFILE



Dr. A.K.MISHRA
M./Sc. Agri., Ph.D. (Soil Science)
Head R&D Cell

The eminent inventor of the company is **Dr. A. K. Mishra**, having Educational qualification – **M. Sc. Agri., Ph.D. (Soil Science)** and Well known in the world as Eminent Soil Scientist & had worked as Agricultural Consultant for **Bangladesh, Indonesia, Ghana, Israel, Egypt, Malaysia** etc countries in abroad and for sugar Industries in India. Dr. Mishra is the inventor of sugar Cane cultivation system known in India as **Dr. MISHRA Zing- Zag PATTASystem** and telephonic cultivation systems in Tomato Crop Known as **TELEPHONE SYSTEM** and has developed technologies to get production of M.C.T. Guards by **seeds instead of Tubers**. Dr. Mishra 's interviews had been telecast more than 1800 times as Agricultural Expert on **Door Darshan Kendra** LUCKNOW, DELHI, Ahmadabad, Jalandhar, Mumbai etc. At Present Dr. Mishra is working as Head R& D Cell & Founder Chairman of the Both Company.

Dr. Mishra had been specially awarded by Govt. of Israel (Twice) –

1. During 1996 – For Conversations of waste materials in to best utilizations in the field of Agriculture. **2.DURING 1997-** for the introduction and implementations of Israeli Bio Technologies under Indian Climatic Conditions and Situations.

AWARDS



1996 Israel Govt. Award



1997 Israel Govt. Award

SPICES CROP – CARDAMOM (Elettaria cardamomum Maton) Known in world market as THE QUEEN OF SPICES

- Dr. Mishra had visited so many Plantations of **CARDAMOM (elchi / ealchi)** in the district of **IDAKI (Kerala)** and his observations are as below:
- CARDAMOM** is known in the market as **QUEEN OF SPICES** .
- The planters are not maintain **C:N:Ratio/ Ph of Soils**. Nor they are having soil analysis report of Planted area of **CARDAMOM**. which are not good at all.
- The planters are not giving any importance to apply **BORDEAUX –MIXTURE / Bordeaux-pest** to control Fungal diseases.
- The planters are not adopting **Green manuring pattern** and neither using **decomposed F.Y.M. (Farm yard Manure)** .
- The major plants suffering from **root- knot and nematode , termites & Cut worm**.
- As the opinion of Dr. Mishra Findings that **planters are giving more importance to nitrogenous fertilizers** and neglecting to Phosphorous & potash & not Applying micro-nutrients in a proper recomoned does.
- The Fall downing of fruits found more, **due to shortage of Phosphorous/ ZINC& Boron elements**.
- Every plant of **Planting Shade Trees** should be planted (minimum two plants of **PEPPER**) to get **Extra Benefits in CARDAMON PLANTATIONS**.
- To get Higher yields of **CARDAMON** the **root zone of Plants should be healthy and free from fungal / nematodes**. Proper fertigation (as per requirements of plants) must be applied in time Schedules . As per Field experience of Dr. **MISHRA** , **If plant roots will functioning properly & will be healthy , then plant will get residence power, against all type of diseases .**

R&D RECOMMENDATIONS: FOR CARDAMON PLANTATIONS:

- Please refers our recommended method to prepare **Bordeaux –mixture/ Bordeaux Pest** and apply in time Schedules. The applications of every three month, once Spray and once drenching of **Bordeaux mixture** must be done.

The Following Products To Be Applied In The Month Of May- June, September – October December January (every Year) :

(FOR per Suckers / gms)

Sr No.	PRODUCT BRAND NAME	Plant aged up to 2 years / Suckers /gm	Plant aged up to 5 years / Suckers /gm	Plant aged up to 7 years / Suckers /gm	Plant aged above 10 years / Suckers /gm	Plant aged up to 13 years / Suckers /gm	Plant aged above to 13 years / Suckers /gm
1	FERTONIC -PROM	400	600	800	1000	1300	1600
2.	fertiworm	30	50	60	110	140	160
3.	MOFCA-POTASH	50	70	80	90	100	120
4.	MOFCA- ZINC	50	70	80	90	100	120
5.	MOFCA -PHOS	50	70	80	90	100	120
3.	MOFCA -NEMITODE	40	40	40	40	40	40
4.	MOFCA-FUNJ	40	40	40	40	40	40
5.	MOFCA -COMBI	30	30	30	30	30	30
6.	MICRO -FERT - D	60	80	90	80	100	130
	TOTAL QUANTITY	750	1050	1300	1570	1950	2360

NOTES:

- Select the plants numbers (by keeping 30 Plants as Control Plants) and take the required quantity materials from 1 to 6 and mixed well and to apply in the same proportions on selected plants.
- On controlled plants (30 Plants) our recommended products should not be applied to check the efficacy and effects of Above recommended does.
- Required quantity of N.P.K. / micro nutrients to be applied as per recommendations of Research Institutes/ University in additions to above dose to get higher yields.
- It should be applied 1 ft Depth from earth lable in a round sape from 1.5 to 2.00 fit distance from main plants (means in root Zone only.) by breaking all destroyed old roots to get developed new - White roots.
- The foliar applications of BORDEAUX MIXTURE on Plant leaves to be made once during three month and drenching of BORDEAUX MIXTURE to be made once, in each three months.
- While spraying of Bordeaux mixture , do not use any other chemicals. it should be always Sprayed alone.
- To Full fill requirements of Nitrogen element, it is recommended to use 2% urea Solution to be mixed with all type of Pesticides/ Insecticides/ Bio chemicals etc. as Foliar applications.

THE FOLIAR APPLICATIONS OF BIO-CHEMICALS: CARDAMON PLANTS: RECOMMENDED DOES : PER 10 LITERS OF WATER

- FERTONIC-200 (Root Bio-chemicals)- 50 ml + FERTONIC -1000 (Strength Bio chemicals)- 50 ml + NIMADOL –Bio Organic Insecticides 50 ml + ferti-stico (Sticking Agents) 10 ml + MICROFERT B Grade - 50 ml to be sprayed on every interval of 60 to 70 days till Harvesting.
- FERTONIC-200- 50 ml + FERTONIC -1000 -50 ml + ferti-stico - 10 ml + FERTONIC -700-50 ml + NIMADOL -50 ml + MICROFERT B Grade - 50 ml to be sprayed at the time of Flowering Stage .
- FERTONIC-200 - 50 ml + FERTONIC -1000-50 ml + ferti-stico - 10 ml + NIMADOL -50 ml+ FERTONIC -900 (Special Fruit Bio chemicals) + MICROFERT B Grade - 50 ml to be sprayed after fruit setting complete till harvest of the fruits.
- use always urea 2 kg per 100 liters of water ,while spray of Bio-chemicals).

Note:

- The above recommendations should not be used on 30 plants kept as CONTROL PLOT.
- A clear sky or even a cloudy condition may be considered suitable for undertaking foliar application. Avoid very dry/hot period or noon hours for foliar spray.
- Foliage of plant covering both side of the leaves.
- In addition to above the required quantity of BOREX to be added as per soil Test reports.



Dr.A.K.MISHRA
M.Sc.Agri., Ph.D.
(Soil Scietiest)

C & F Agent Karnataka

Seethuru Primary Agricultural Credit Co-Operative Society Ltd.

ಸೀತೂರು ಅಂಜಿ, ನರಸಿಂಹರಾಜಪುರ ತಾಲ್ಲೂಕ್ , ಚಿಕ್ಕಮಗಳೂರು ಜಿಲ್ಲೆ.577 127,

ದೂರವಾಣಿ : 08265-231424, 9480277106 Email: seethurpacs4@gmail.com

