



INDO-ISRAEL AGROTECH LTD

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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

PLANTATION CROP- COCONUT

Dr. Mishra had visited so many Plantations of COCONUT in Karnataka/ Kerala/ Tamilnadu & Gujarat states and his observations are as below:

- ☞ The plantar are not maintain **C:N:Ratio & Ph of Soils**. Nor they are having soil analysis report of Planted area . which are not good at all.
- ☞ The Planter are not giving any importance to apply **BORDEAUX –MIXTURE /Bordeaux- pest** to control Fungal diseases.
- ☞ The planter are not adopting **Green manuring pattern** and fodder crops at all and neither using **decomposed F.Y.M.** (Farm yard Manure) .
- ☞ The major plants suffering from root- knot and nematode , termites /Cut worm.
- ☞ Due to non applications of Organic Manures /green manuring /fodder crops and non applications **Balanced Nutrients** as per requirements of plants , every years yield are being reduced of quality of fruits.
- ☞ As the opinion of Dr. Mishra Findings that **planter are giving more importance to nitrogenous fertilizers** and neglecting to Phosphorous & potash & micro nutrients and in a proper recommend does. due to this factor , coconut plantations had badly effected to the quality / yields.
- ☞ COCONUT PLANTED area should be free from weeds for ever.
- ☞ Soil testing reports must get analyzed every forth years and nutritious must be applied as per requirements of plant as per soil reports.
- ☞ To get Higher yields of COCONUT plantations , **the root zone of Plants should be healthy and free from fungal / nematode . Proper fertiagation (as per requirements of plants) must be applied in time Schedules .**
- ☞ As per Field experience of Dr. MISHRA , **If plants roots will functioning properly & will be healthy , then only plants will get residence power against all type of diseases.**

R&D RECOMMENDATIONS: FOR COCONUT PLANTATIONS:

- ☞ Please refer our recommendations- method to prepare Bordeaux –mixture / Bordeaux Pest. it should be applied within time limit.
- ☞ The applications of every three month, once foliar Spray and once drenching of Bordeaux mixture must be done ..
- ☞ **From earth Lable, UP TO 4 to 5 Feet height , Bordeaux Pest to be applied through Brush.**

THE FOLLOWING PRODUCTS TO BE APPLIED IN THE MONTH OF JANUARY- FEBRUARY AND JUNE JULY EVERY YEAR :

(FOR per Plant / gms)

Sr No	PRODUCT BRAND NAME	Plant aged up to 5 years / plant /gm	Plant aged up 6 to 20 years / plant /gm	Plant aged up to 21-35 years / plant /gm	Plant aged above 35- 50 years / plant /gm	Plant aged up to 51- 70 years / plant /gm	Plant aged above to 70 years / plant /gm
1.	FERTONIC -PROM	600	800	1000	1200	1400	1800
2.	FERTIWORM	60	70	90	120	150	170
3.	MOFCA-POTASH	50	70	80	100	130	150
4.	MOFCA- ZINC	50	70	80	100	130	150
5.	MOFCA -PHOS	50	70	80	100	130	150
3.	MOFCA - NEMITODE	40	50	60	70	80	100
4.	MOFCA-FUNJ	50	70	80	100	130	150
5.	MOFCA -COMBI	50	70	80	100	130	150
6.	MICRO -FERT - D	80	100	140	160	180	200
7.	MOFCA SHOFT	50	70	80	100	140	150
	TOTAL QUANTITY	1080	1440	1770	2150	2600	3070

NOTES:

- ☞ 1. Select the plants numbers (by keeping 30 Plants as Control Plants) and take the materials from 1 to 7 in a required quantity , it should mixed properly and apply in the same proportions on selected plants.
- ☞ 2. Required quantity of N.P.K. / micro nutrients to be applied as per recommendations of Research Institutes/ University in additions to above dossesge to get higher yields.
- ☞ 3. On controlled 30 plants, our recommended products should not be applied , to check the efficacy and effects of Above recommended does.
- ☞ 4. It should be applied 1.00 feet Depth from earth lable in a round sape from 1.5 to 2.00 fit distance from main plants (means in root Zone only) to destroyed old disturbed roots to generate white fresh roots.
- ☞ 5. 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.
- ☞ 6. After three to four days applications of **Drenching of Bordeaux Mixture** , 2 gm.- MOFCA SHOFT per liter to be mixed and drenched, where Bordeaux mixture Drenched.
- ☞ 7. While spraying of Bordeaux mixture, do not use any other chemicals. it should be Sprayed always alone.
- ☞ 8. To Full fill requirements of Nitrogenous 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 & OTHERS ON COFFEE PLANTS: RECOMMENDED DOES : PER 10 LITERS OF WATER

- ☞ **FERTONIC-200 (Root Bio-chemicals)- 50 m.l + FERTONIC -1000 (Strength Bio chemicals) -50ml + NIMADOL –Bio Organic Insecticides -50 ml+ ferti-stico (Sticking Agents) -10 ml + microfert grade –B -50 ml** to be sprayed on every interval of 60 to 70 days till Harvesting.
- ☞ **FERTONIC-200 - 50 m.l + FERTONIC -1000 -50ml + ferti-stico - 10 ml + FERTONIC -700 -50 ml + NIMADOL -50 ml + microfert grade –B -50 ml** to be sparyed at the time of Flowering Stage .
- ☞ **FERTONIC-200 - 50 m.l + FERTONIC -1000 -50 ml + ferti-stico - 10 ml + NIMADOL -50 ml+ FERTONIC- 900 (Special Fruit Bio chemicals) + microfert grade –B -50 ml** to be sprayed after fruit setting complete till harvest.
- ☞ use always urea 2 kg per 100 liters of water while spray of Bio-chemicals).
- ☞ To Control MEALY BUG, Scale INSECT, WHITE FLY, Aphids, THRIPS, MITES etc.

SPECIAL NOTES:

- ☞ 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.



Dr.A.K.MISHRA
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(Soil Sciетiest)

C & F Agent Karnataka

Seethuru Primary Agricultural Credit Co-Operative Society Ltd.

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