



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

BORDEAUX -MIXTURE AND BORDEAUX PEST: REQUIRED MATERIALS:

COPPER SULPHATE -24% (Blue Stone)	Quick Hot Burned Lime Stone (not in Powder form)
Plastic Drum to dissolve copper sulphate	Metal Bucket to dissolve Lime stone
wooden stick	Barrel of 200 lts capacity
knife/ sickle(datardi –iron pieces)/pH.paper	water
Cloth to dissolve Copper sulphate	cloth to filter dissolved lime stone

PROPORTION OF BORDO -MIXTURE :

GENERALLY BORDO- MIXTURE RECOMMENDED 1:1:100, 1:05:100 (IN WHICH FIRST IS COPPER SULPHATE 24%, SECOND IS LIME (STONE TYPE) AND THIRD IS WATER.

PREPARATIONAL TECHNOLOGIES:

FIRST STEPS: TO DESOLVE –COPPER SULPHATE:

- ☞ **COPPER Sulphate** should be minimum 24% purity. It will be available in crystal form. First get is converted in to powder Farm.
- ☞ To dissolve Copper sulphate metal pot like tin/M.S. /Broses/copper pots should not be used.
- ☞ Select only Plastic bucket/ Plastic drum or earth vassal only.
- ☞ to dissolve one kg Copper sulphate water to be required 2.5 (two & half Liter) and water to be stored in plastic bucket /plastic drum accorging to the quantity of copper sulphate.
- ☞ Cover Copper Sulphate powder in a cloth and same to be kept in water Plastic Drum/bucket or earth vassal only like as 50% POTALI(Cloth) should be in the water and 50% uper to the water lable and keep this bucket or drum in one side of Room for a 32 Hours , pull up the copper suplhate POLTALI out to the water and un-desolved Copper suplhate to be kept separatly, which can be again used for making copper sulphate solution.
- ☞ This copper Suphate solutions can be used and stored up to three years.
- ☞ Always keep copper solutions away from children or animals.

SECOND STEPS: To DESSOLVE QUICK HOT BURNED LIME STONE :

- ☞ Required quantity to be taken in M.S. or Bros, Copper, Earth, cement Vassals in the proportion of for 1 kg lime -4 liters of water.
- ☞ Put quantity of Lime stone (Calcium Oxide) before 2.5 Hours of preparation of Bordeaux mixture for neutralizations . After 2.5 Hours time Lime stone shall be cooled.

THIRD STEPS :

- ☞ Take vassal Capacity of 200 Liters of water . Filled up water approximately 170 to 175 Liters in to vassal. mixed 5.00 liter of copper Sulphate solution (to prepare 1:1:100) . and sturred it well. Close the mouth of vassals by cotton cloth.
- ☞ On cloth Put the solutions of lime stone water approximately 9.00(Nine) liters and starred and mixed properly with the help of wooden stick.
- ☞ Then after take nief / stckle (Datardi) and get removed on briks red colour (Old Janks) from knief / Datadi, put this in solution for few minutes and check that in down side Brownish Coat are there or not? if found Brownish Coat , then add lime water again and well starred . means till Brownish coulours Bordeaux -mixture not neutralist. this practice to be done again and again, till removal of Brownish colour.
- ☞ while mixing of lime water , please take care always that lime pices should not be mixed with this solution.
- ☞ Correctly Prepared Bordeaux Mixture will turn redlitmus to blue and termic powder to orange red in colour.
- ☞ Correct prepared Bordeaux mixture will turn red litmus to blue and termites powder to orange red in to color.

VARY IMPORTANT NOTES ON BORDEAUX MIXTURE:

- ☞ Once combinations of Bordeaux mixeture neutralized , then it should be made as Foliar application on Plants - within 8.00 (Eoight)Hours from neutralized time .
- ☞ In the case if neutralized Bordeaux mixture not applied on plant within 8 Hours ,then it should not be utilized on plant, but it should be destroyed.
- ☞ So, neutralized the quantity , which can be used within 8 Hours only.

DRENCHING OF BORDEAUX MIXTURE IN THE SOIL:

- ☞ DRENCHIING OF BORDEAUX MIIXTURE are always more usedfull to long duration crops.
- ☞ For DRENCHING OF BORDEAUX - MIXTURE , two to three day before, minimum 9-12 Inch whole on four side(East/North/South/East) from distance of main plant (one to1.5 fit) should be get ready and each whole minimum 150 to 250 ml. to be drenched neutralized Bordeaux mixture.
- ☞ As per view and Field experienced of Dr. A.K.MISHRA, nothing is substitute of BORDEAUX MIXTURTE as Pest management to control Fungal desseages. So That the Spray and Drenchings of Bordeaux mixture is the best solutions to control fangs desseages.

C & F Agent Karnataka



Seethuru Primary Agricultural Credit Co-Operative Society Ltd.

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