

PROPOSED PACKAGE OF TECHNOLOGY TRIAL PROTOCOL OF ENDORROOTS, HYFER FOLIAR AND SOLUBOR FOR TOBACCO

1. **1st application**(14 Days After Emergence) to be applied on the Primary Seedbed:

a. Dilute **2 cups (50ml) of Hyfer Growth Enhancer in every 16 liters** of water and pour evenly onto the seedbed using water sprinkler.

2. **2nd application**(21-24 Days After Emergence) to be applied upon pricking and transplanted into the seedling trays:

a. Dilute **6 cups (150ml) of Hyfer Growth Enhancer and 1 Sachet of Endooroots (50 grams.) in 50 liters** of water and mix thoroughly. Pour evenly the mixed solution onto the seedling trays as in regular watering of the plants using water sprinklers.

3. **3rd Application** (18-21 Days After pricking into the seedling trays or 3-5 days before transplanting into the field) to be applied onto the seedling trays.

a. Dilute **6 cups (150ml.) of Hyfer Growth Bloom booster 1 sachet of Endoroots (50gms.) and 5 sachet of Solubor (50gms.)** in 50 liters of water and mix thoroughly. Follow the same application procedure just like the second application.

4. **4th Application**(7-10 Days after transplant) to be applied on the transplanted seedlings in the field.

a. Dilute 3 cups(75ml.) of Hyfer Growth Enhancer and 1 sachet(10gms.) of Solubor in 1 Knapsack sprayer(16lits.) and spray the mixed solution evenly onto the leaves of the plants. Spray volume per hectare is 200 liters.

5. **5th Application**(21-24 days after transplant) to be applied on the plants in the field.

a. Dilute 3 cups(75ml.) of Hyfer Growth Enhancer and 2 sachet(10gms.) of Solubor in 1 Knapsack sprayer(16lits.) Follow the same procedure as in the 4th Application. Take note and observe any boron deficiency symptoms(yellowish discoloration and dieback of main growing point). Spray volume per hectare is 200 liters.

NOTE: if Boron deficiency persist, repeat application of Solubor at the rate of 2 sachet per knapsack sprayer and apply every ten (10) days interval until the symptoms disappear.

6. **6th Application** (35-38 Days after Transplant) to be applied on the transplanted seedlings in the field.

a. Dilute 4-5 cups (100-125 ml.) of Hyfer Growth Enhancer per Knapsack sprayer (16 liters.) Follow the same procedure as in the 4th and 5th application. Take note and observe any boron deficiency symptoms (yellowish discoloration and dieback of main growing point). Spray volume per hectare is 200 liters.

7. Last Application (49-52 Days After Transplant) to be applied on the transplanted seedlings in the field.

a. Dilute 4 cups (100 ml.) of Hyfer Growth Enhancer per Knapsack sprayer (16 liters.) Follow the same procedure as in the 4th, 5th, and 6th application. Take note and observe any boron deficiency symptoms (yellowish discoloration and dieback of main growing point). Spray volume per hectare is 200 liters.

NOTE: EXTENDED APPLICATION OF HYFER FOLIAR FERTILIZER CAN BE DONE AFTER EVERY HARVEST OF MATURED LEAVES FOR BETTER LEAF QUALITY AND BETTER YIELD.