



**Apple Tradecorp Package
Trial 3
India 2017**

Trial Setup



- **Crop & Variety :** **Apple** var. Royal Delicious
- **Farmer name:** Mr. Roshan Lal
- **Place:** Narkanda, Shimla, Himachal Pradesh, India
- **No. of plants treated:** 20 (250 plants /ha)
- **Crop schedule:** Humistar, Intake, Phylgreen200, Trafos Cu, Tradebor, Calitech, Amifol K, Maxflow Mg
- **Aim:** To enhance quality & increase yield of Apples.
- **Assesment:** Fruit Size & fruit elongation.
- **Note:** 2700 m altitude, Rain fed

Stage-wise schedule program

Treatment Package

- ✓ Humistar + Intake
- ✓ Phylgreen200
- ✓ Trafos Cu
- ✓ Tradebor
- ✓ Calitech
- ✓ Amifol K
- ✓ Maxflow Mg

Sr. No.	Crop Stage	Product	Dose ml or g /L	Water Volume Lit.	Method of application
1	Dormancy	Humistar + Inatke	2 ml + 0.25 ml	400	Soil Drenching
2	Tight Cluster	Trafos Cu + Tradebor + Phylgreen	2.5 ml + 0.5 ml + 1 ml	200	Foliar application
3	Pink Bud	phylgreen + Tradebor + Calitech	1 ml + 0.5 ml + 1 ml	200	Foliar application
4	Petal Fall	phylgreen + Tradebor + Calitech	1 ml + 0.5 ml + 1 ml	200	Foliar application
5	Walnut	Humistar + Inatke	2 ml + 0.25 ml	400	Soil Drenching
6	Walnut	Amifol K + Maxflow Mg	2.5 ml + 0.5 ml	200	Foliar application
7	Fruit development	Amifol K + Maxflow Mg	2.5 ml + 0.5 ml	200	Foliar application
8	20 Days before maturity	Amifol K	2.5 ml	200	Foliar application

Control :

- ✓ Standard farmer practice

- Dose of water applied per ha:
 - Soil Drenching: 2000 L /ha
 - Foliar 2, 3, 4: 2500 L /ha
 - Foliar 6, 7: 3000 L /ha

Trial Set Up – Soil Application



- Humistar 400 ml + Intake 50 ml was mixed in 200 L tank (Humistar 4L + Intake 0.5L /ha)
- Then applied 20 L solution per plant, into the ring made in the shadow area of the plant.

Preliminary Result: Tradebor, Calitech & Phylgreen200 foliar application



Foliar applications of Phylgreen, Tradebor & Calitech after petal fall stage.

Observations taken after 10 days of application:

- Fruits has got the perfect ***Elongated Shape***

Preliminary Result: Amifol K & Maxflow Mg



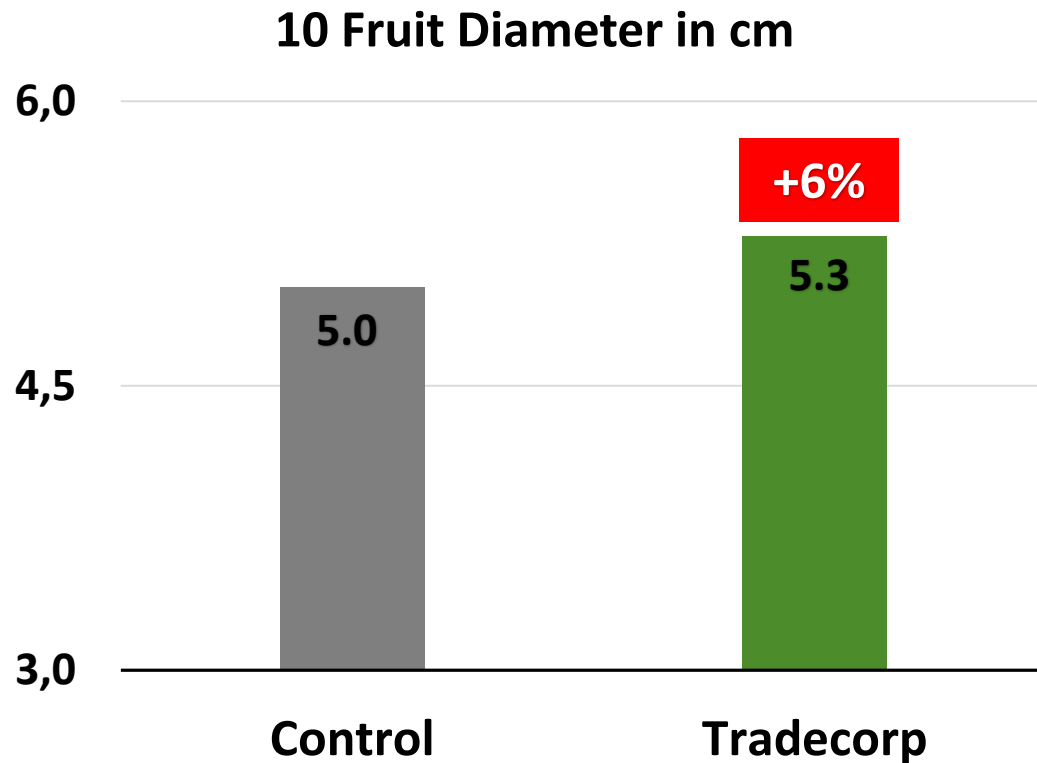
Control



Tradecorp

- At walnut stage we have given the first application of **Amifol K & Maxflow Mg**
- It has help in increasing the **Size** of fruit & also bring **Uniformity** in the fruit size
- **Leaf Colour** was more Green than Control due to **Maxflow Mg**

Results: Increase in fruit diameter



Observations after 15 days of foliar application of Amifol K at walnut stage.

- With the 1st application of **Amifol K + Maxflow Mg**, the fruit size in **Diameter** has increase by to **+6 %** v/s control.
- Also seen slight start of colouration on fruits



Tradecorp Program



- Increase in **Fruit Diameter** by **+6%**, with first application of Amifol K + Maxflow Mg
- More uniform size of fruits.
- Fruits were more firm & crunchy.