

Farm simply,
Live beautifully



Lumivia[®]

**INSECTICIDE SEED
TREATMENT**



For Customer Care Call Us On Our National
Toll Free Number **1860 - 1800 - 186**
www.corteva.in

Lumivia®: Making Farming Simpler And Your Life Beautiful



All progressive paddy farmers seek to boost their yield, they face a challenge in the form of destructive pests like the Yellow Stem Borer. This pest can cause significant damage to crops in their early stages, leading to lower potential yields. Unfortunately, conventional solutions have not been early and effective in controlling the Stem Borer, leading to hassles for farmers in protecting yield.

Corteva Agriscience™ has developed a revolutionary Seed Applied Technology Lumivia®, which provides early, effective, and convenient management of the Stem Borer. By using Lumivia®, farmers can ensure better germination, healthy seedlings, improved establishment, and protection from Stem Borer starting from day 1. With this technology, farmers can give their paddy crops a winning start by protecting their potential yield.

Key Benefits Of Lumivia®

Convenience In Stem Borer Management

- Lumivia® treated seeds reduce efforts for monitoring Stem Borer. Lumivia® reduces application of pesticide, labour requirement, and labour management.
- Lumivia® gives increased assurance of Stem Borer management reducing hassles of dependency on environmental factors like rain and water availability.
- By acting as the first line of defense, Lumivia® brings peace of mind to farmers and reduces the risk of Stem Borer infestation.



Reduces monitoring of YSB infestation



Reduces dependency on water management for YSB control



Reduces dependency on weather for YSB control application in rainy season

Superior Seedlings

- Lumivia® treated seeds show uniform seedling emergence, with a robust and active root system.
- Seedlings are healthy, vigorous, and ready for early transplantation.
- By producing strong seedlings, Lumivia® treated seeds potentially eliminate the need for extra gap filling, saving time, and effort for farmers.



Better, uniform, and early germination



Sturdy, vigorous, and active roots



Ready for early transplanting

Longer Duration Of Control

- Lumivia® offers superior and extended safeguarding against Stem Borer from day one to 65–70 Days After Sowing (DAS), ensuring optimal crop growth.
- Reduces hassles of using conventional Stem Borer (Dead Heart) management solutions during the vegetative stage of the crop i.e., up to 65 to 70 Days After Sowing (DAS).



Increased assurance of Stem Borer management



Reduces the need for granular application



Enhanced plant vigour



Better A, B grade productive tillers

Crop Becomes Stronger*



Healthy seedlings



Vigorous root system



Superior A-Grade tillers



Relatively higher plant population

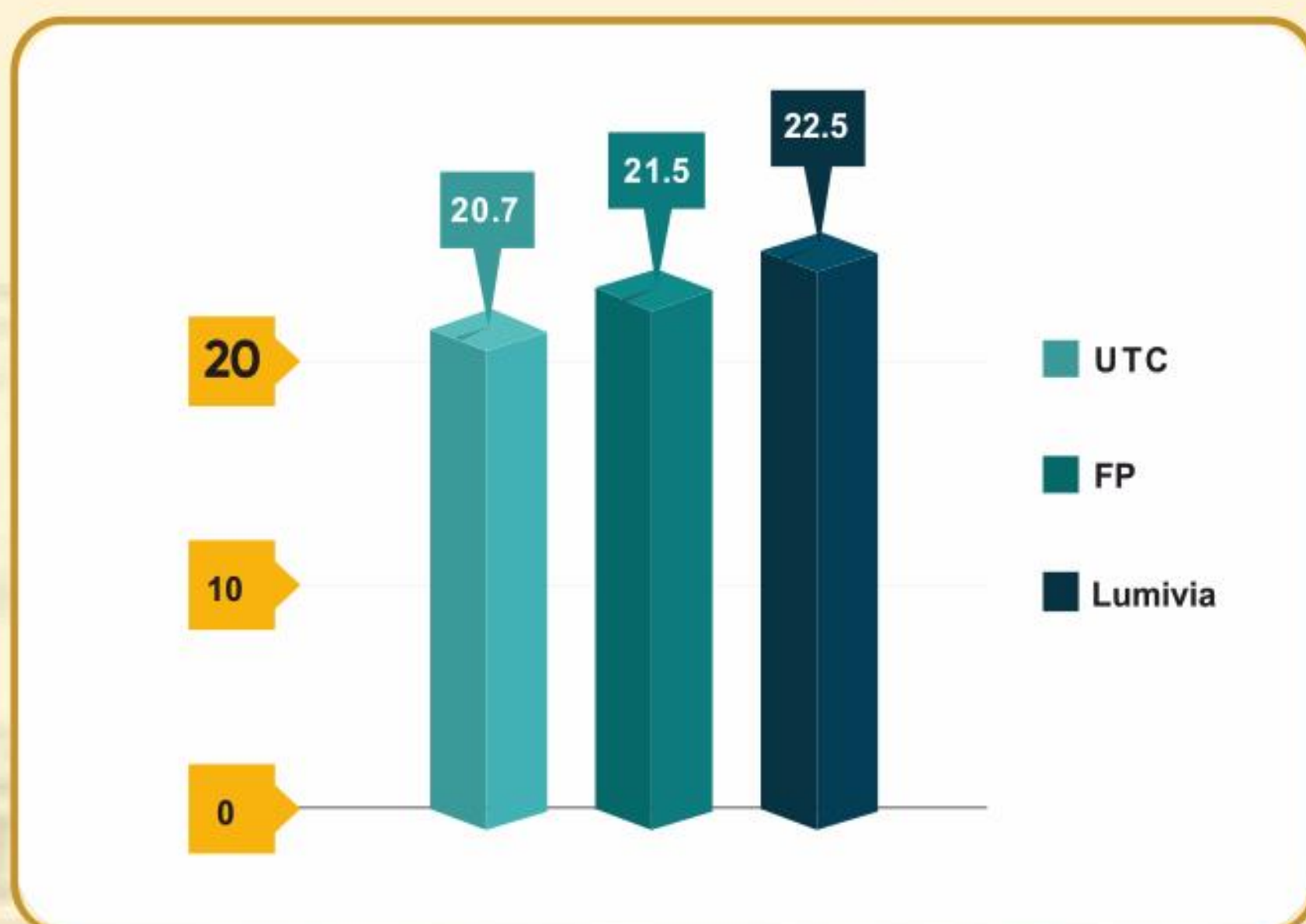


Early and better crop establishment

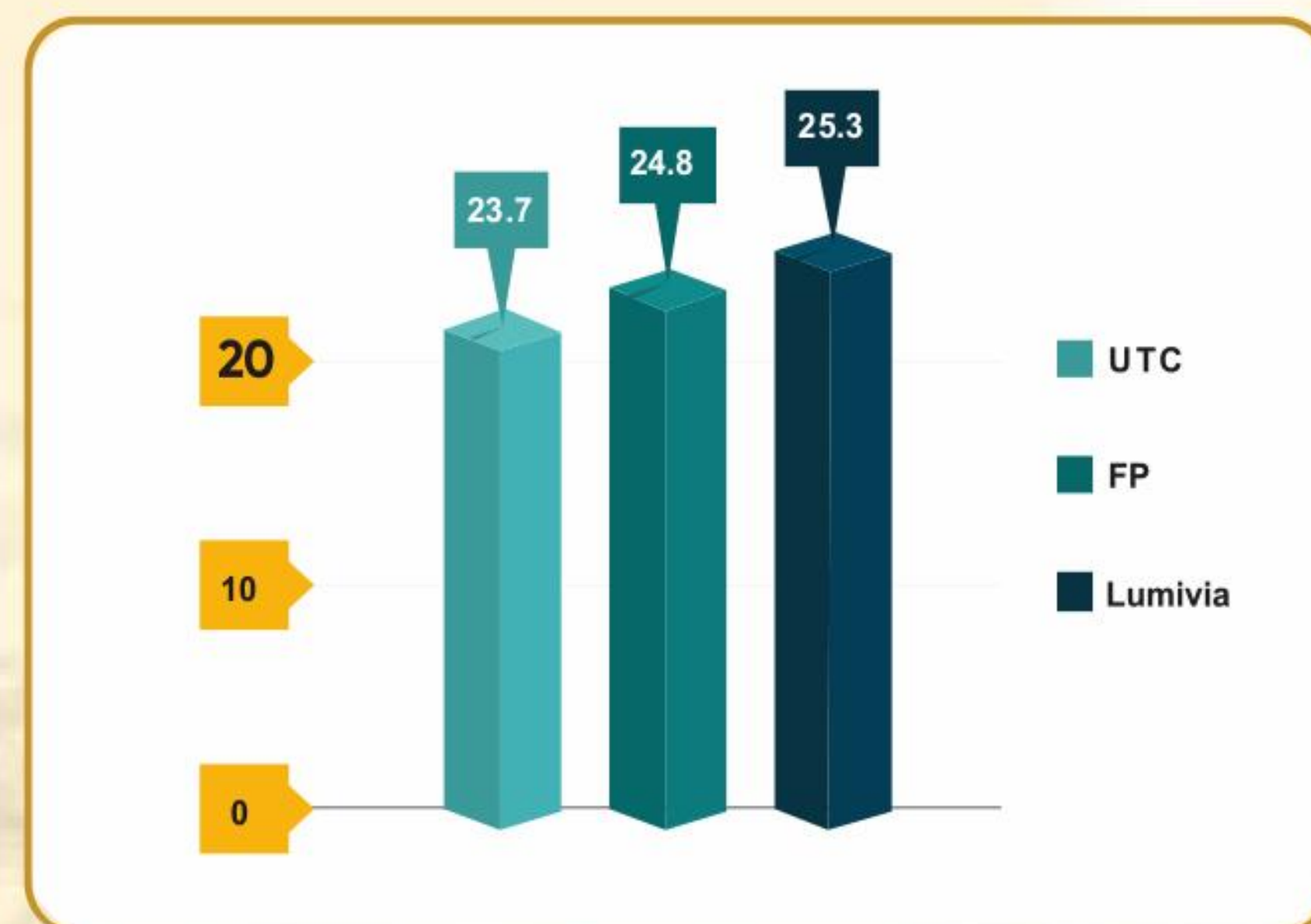


Results That Make Your Life Beautiful

1000 Grain Weight



Yield (Quintals/acre)



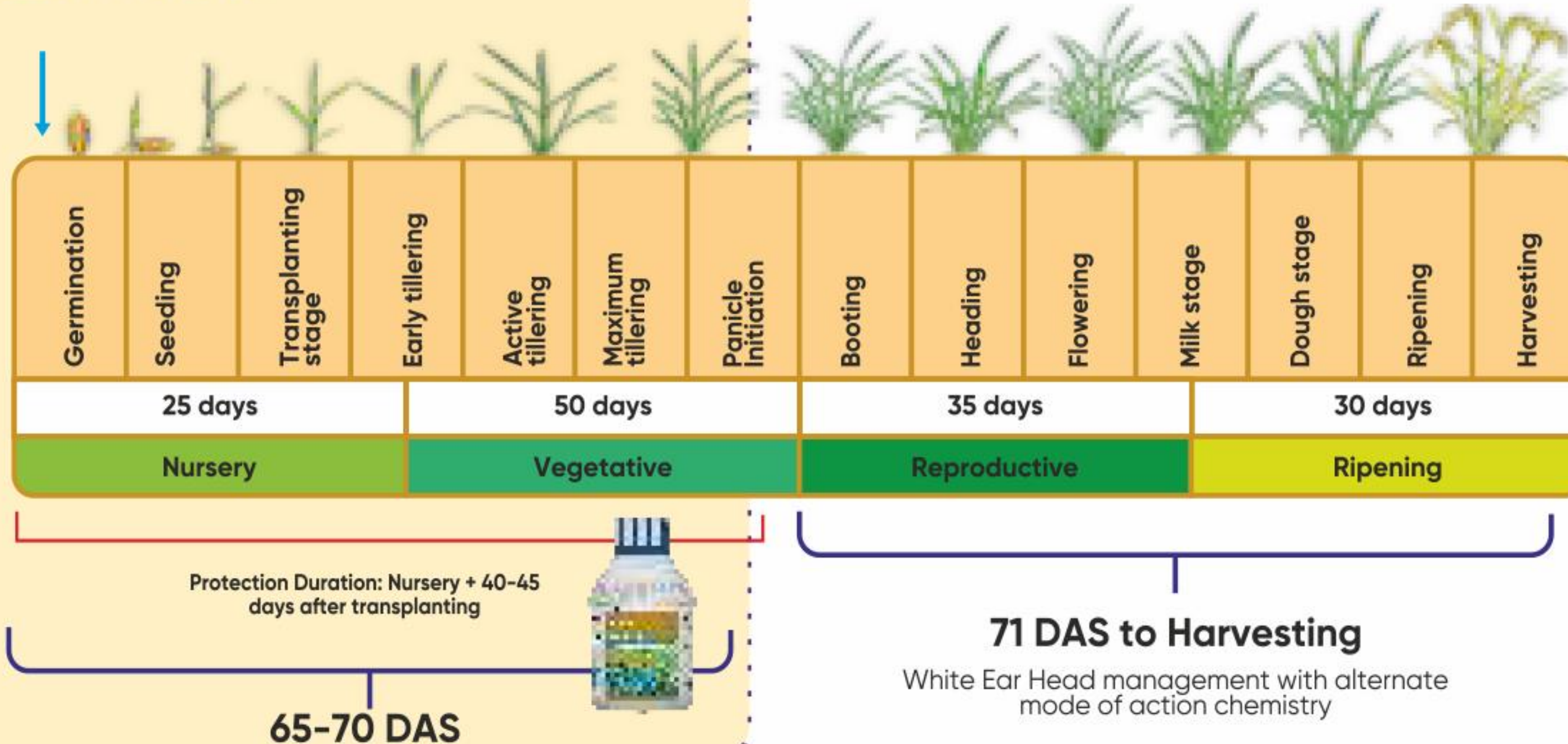
UTC = control FC = Farmer's practice

*Disclaimer: as per the data from the internal trials conducted in various farmer fields across the country.

Recommendation For Best Results

- Practice dry seed treatment of Lumivia® with Seed Treater Machine.
- Dose: 48ml Lumivia® per acre (Irrespective of seed rate per acre) as seed treatment.
- Follow up with a different mode of action chemistry to manage White Ear Heads as needed.

Seed Treatment Lumivia SAT



Advantages Of Seed Applied Technology (SAT)



- It's a Climate-smart agricultural tool for sustainable farming practices.
- Environment friendly, with minimal exposure.
- Requires less water for application.
- Decreased reliance on external factors for application.
- Acts as a foundation for an Integrated Pest Management (IPM) program.
- Promotes strong seedling establishment and vigour.
- Safeguards crop's yield for maximum benefits.

Effective Seed Treatment Through Lumivia® POST (Point Of Seed Treatment)



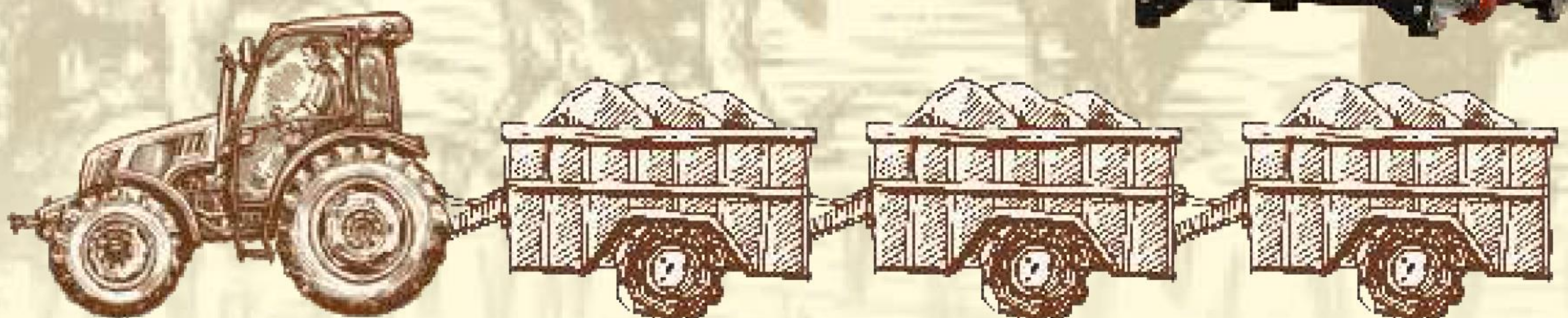
Get consistent and uniform coating of Lumivia®, protecting all seeds against Stem Borers.



Farmer's experience reduced chemical exposure through Lumivia® Seed Treatment.



Lumivia® Seed Treatment saves time and labour (unlike manual treatment).



For Your Convenience, Lumivia® POSTs Are Always Available Near You!

Lumivia® Point Of Seed Treatment (POST) is available at your nearest retailer outlets which are selling Lumivia®.

To locate a nearby seed treatment center equipped with the Lumivia® treater machine, simply login to the 'Farmer Connect' app and navigate to the Lumivia® tab to find the location and availability details.



Do's And Don'ts Of Better Seed Treatment And Peaceful Life

DO's



After treatment, keep the bag open for 4-5 hours, before using it for the soaking process or



Use vessels or pots to soak Lumivia® seeds.



Use the recommended dose rate per acre, and sow all treated seeds within one acre area only.



Sprinkle the leftover water after soaking seeds on seeds kept for incubation or back into the nursery / main field.

DON'Ts



Don't dry the treated seeds in the sun.



Don't soak treated seeds in ponds and streams.



Don't leave excess seedlings treated with Lumivia® in the nursery or give it away to other farmers.



Don't throw excess leftover water from seed soaking in ponds or streams.



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Not to be used on crops other than specified in this document.

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