



LI 700: Advancing Adjuvant for Enhanced Crop Management

D by Diana Madani

Leci-Tech Technology: Optimizing Pesticide Delivery

TO: Reducing Drift

LI 700's Leci-Tech technology creates precise droplets, ensuring targeted pesticide application and minimizing off-target drift. This technology enhances accuracy and reduces environmental impact.

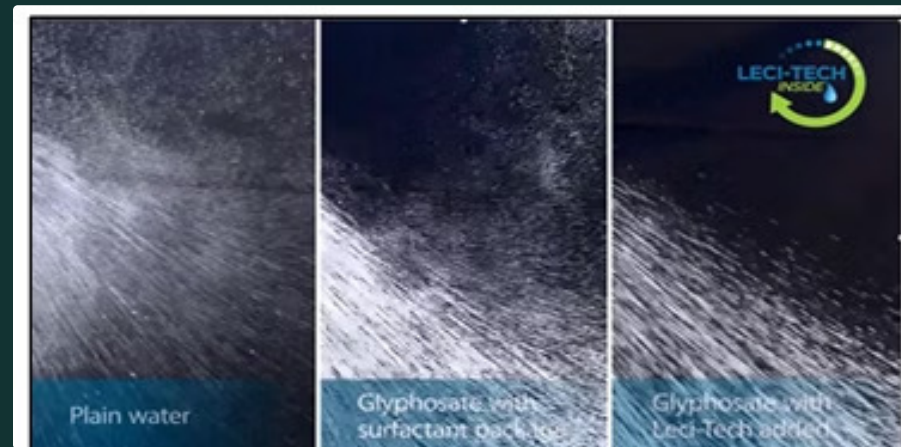
ON: Enhancing Droplet Retention

Through adhesion and spreading, LI 700 maximizes droplet retention on plant surfaces, providing extended coverage and optimal pesticide exposure.

IN: Improving Penetration

LI 700's unique properties enable effective penetration of plant cuticles, allowing for rapid and consistent absorption of active ingredients, leading to enhanced efficacy.

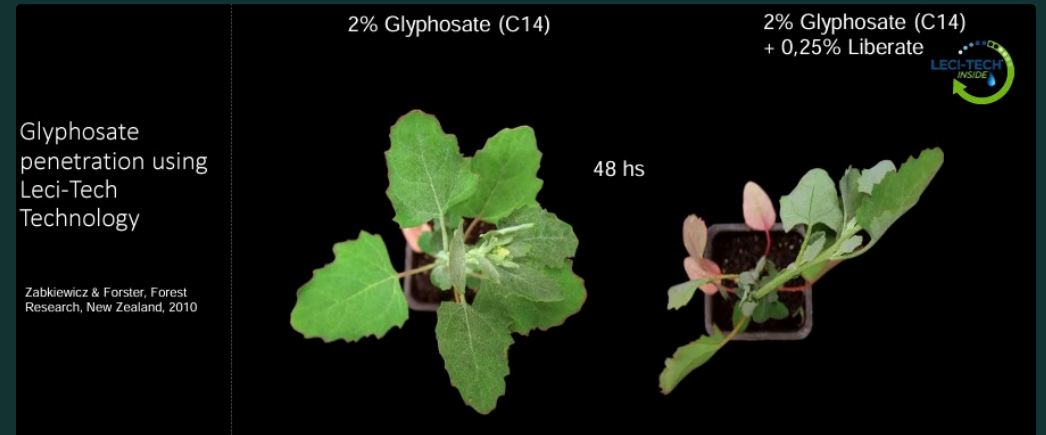
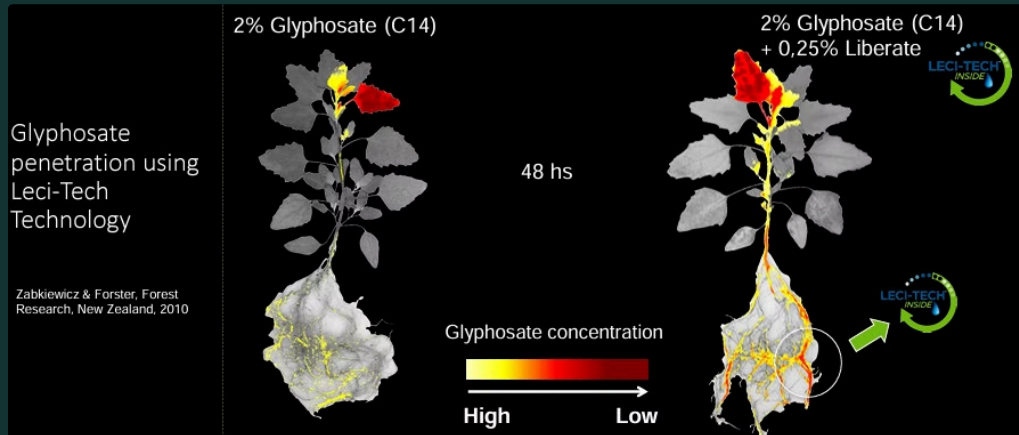
To: Drift Reduction



On: Droplet retention & coverage



IN: Penetration



Properties

Deposition aid/Sticker

Coverage

Acidifier

Drift Control

Droplet retention

Penetrant

Spreader

Water conditioner

Applications Across Diverse Crops

Herbicides

LI 700 enhances the efficacy of herbicides like Glyphosate, Dicamba, and 2,4-D, improving weed control and maximizing crop yield.

Insecticides & Fungicides

It enhances the coverage and absorption of insecticides and fungicides, ensuring effective pest and disease control, protecting crops from damage.

Plant Growth Regulators & Nutrients

LI 700 promotes the uptake of essential nutrients, such as zinc, increasing plant health and promoting robust growth and development.



Performance Insights: Validating Efficacy



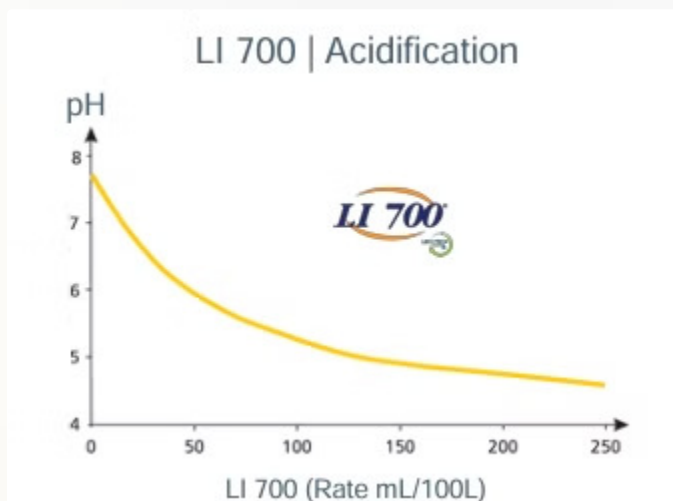
Drift Control

Field tests demonstrate superior droplet size distribution and reduced drift, validating LI 700's effectiveness in various environmental conditions.



pH Adjustment

LI 700's pH adjustment properties prevent pesticide degradation, particularly in alkaline water, maximizing herbicide performance and ensuring consistent results.





Case Study: Enhanced Glyphosate Penetration

A New Zealand study demonstrated that LI 700 significantly increased Glyphosate penetration within 24 hours, outperforming other adjuvants.

The study highlights the critical role of LI 700 in optimizing herbicide performance and maximizing weed control efficacy.

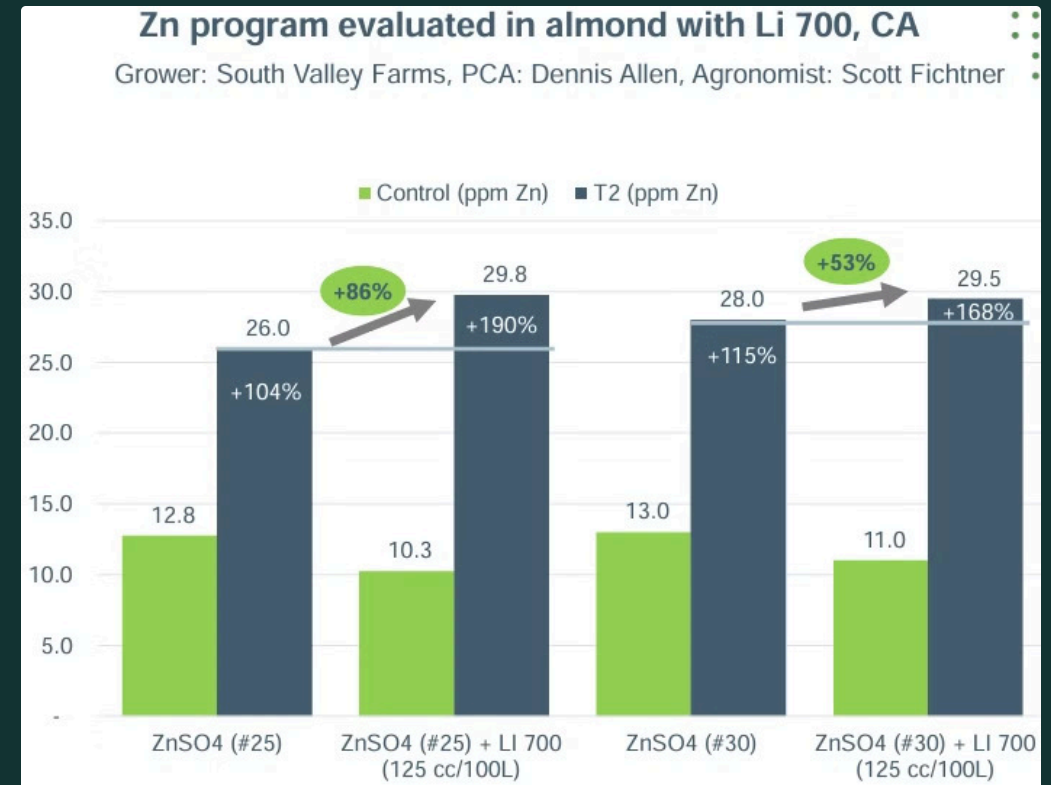
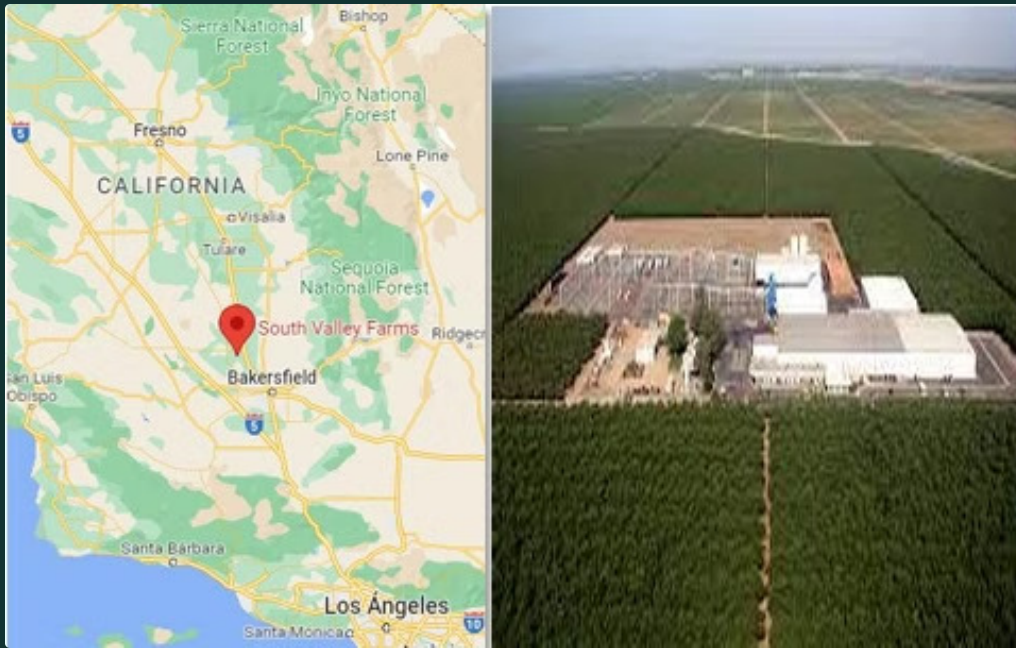
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2

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This enhanced absorption translates to faster and more effective weed control, reducing the time and resources required for weed management.

Case Study: LI 700 | Apply in almonds to enhance Zinc penetration



Protocol: 60 hectares of almond trees divided into 6 blocks of 10 ha. Each block was applied varying the dose of ZnSO₄ with & without LI 700

Zinc is essential for many processes, such as cell division, protein synthesis, and auxin synthesis in growing points (flowers and buds), and flowering is the time for most growing points on a tree. . Zn can be absorbed by the leaves and translocated within the almond trees.



Usage Instructions: Optimizing Application

125–500...

Herbicides

Use 125–500 mL of LI 700 per 100 L of spray solution for optimal herbicide performance.

65–250...

Insecticides, Fungicides, & Nutrients

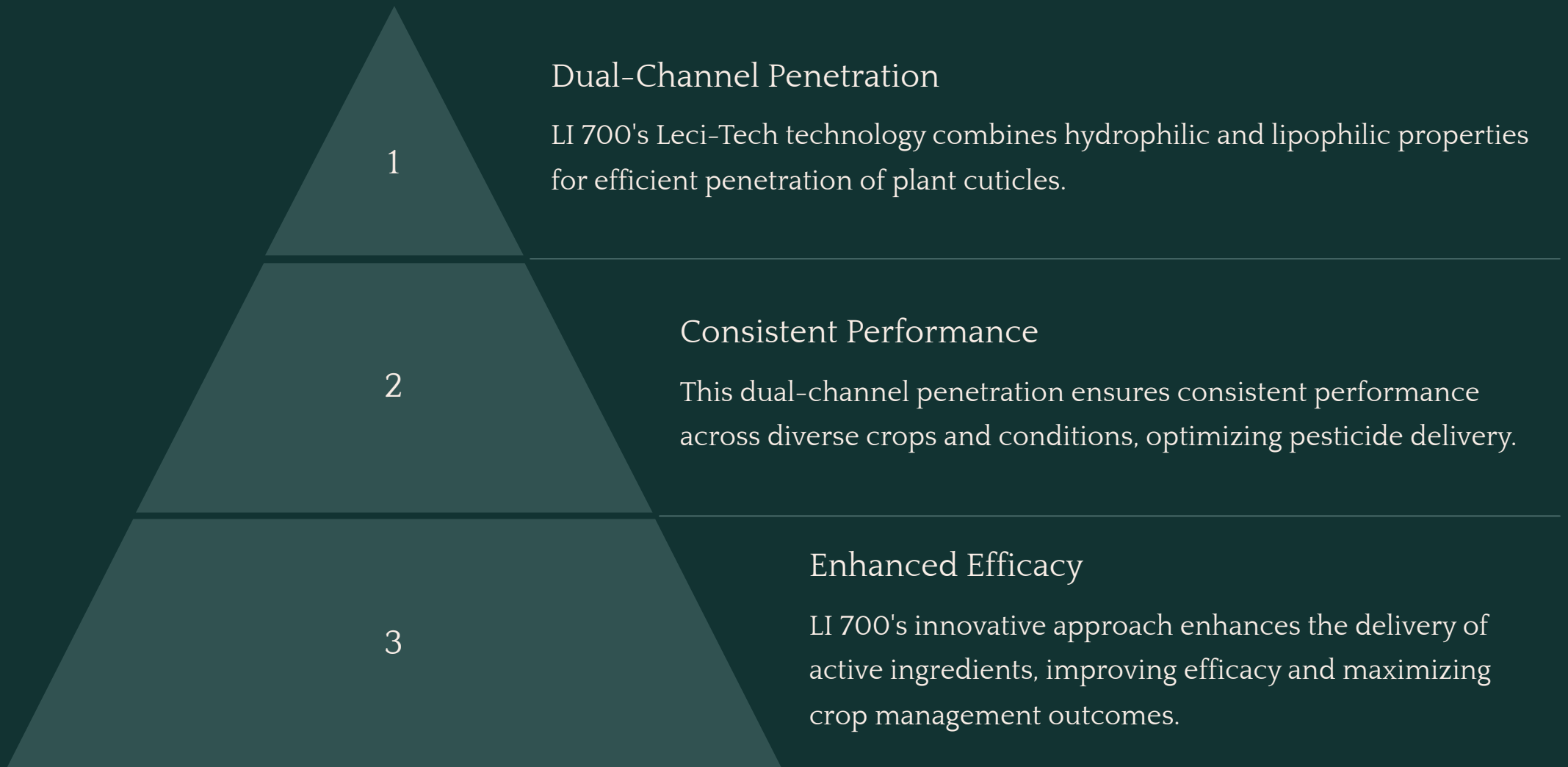
For insecticides, fungicides, and nutrients, use 65–250 mL per 100 L for effective coverage and absorption.

250–500..

Drift Reduction

Apply 250–500 mL per 100 L for enhanced drift control, minimizing off-target spray and ensuring environmental safety.

Technological Advancements: Leci-Tech Innovation



Conclusion: Shaping the Future of Crop Management

1

Unparalleled Performance

LI 700 offers unparalleled performance in pesticide application, optimizing crop management and maximizing yields.

2

Environmental Sustainability

LI 700 is a sustainable choice for farmers seeking to reduce environmental impact and promote responsible agricultural practices.

3

The Future of Adjuvants

LI 700 sets a new standard for agricultural adjuvants, addressing critical challenges and shaping the future of crop management.