

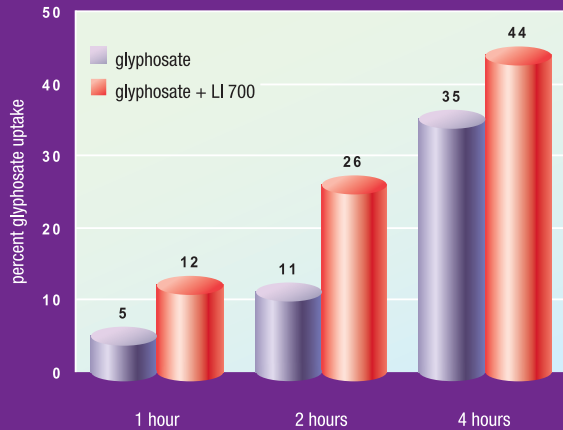
Improved Foliar Application

In today's economy the need for achieving maximum economic performance out of each crop input is greater than ever. From herbicides to foliar plant nutrients, LI 700 will help you receive return on your input dollars.

When LI 700 is added to the spray solution, it works to gently open the plant's leaf surface to improve product uptake without causing heavy damage to the leaf surface. This allows the plant to continue to grow and move the active ingredient to its point of activity. Systemic crop protection products will function better and foliar nutrients will move readily into the plant.

Faster Uptake of Glyphosate

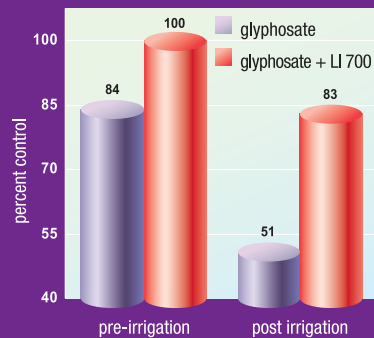
LI 700 Increases Glyphosate Uptake on 3 to 4 Week Old Lambs'-Quarters



Source: Laboratory evaluation, Loveland Industries.

Rainfastness with Glyphosate

Faster product uptake also results in better rainfastness. Improved rainfastness results in reduced risk and improved performance when rain intrudes on the spraying schedule. For example, research has shown that LI 700 reduces the impact of rainfall after application by increasing the uptake of glyphosate.



Source: Oxford Research Group, UK



Expect More

LI 700 contains Lecithin and is formulated as a unique LECI-TECH technology to allow you to expect more from your pesticide application. LECI-TECH technologies delivers six important benefits:

1. **Spreadability** – provides better leaf spread to increase pesticide contact
2. **Adhesion** – droplets remain on target to ensure pesticide effectiveness
3. **Penetration** – provides better breakdown of waxy leaf cuticle to allow for enhanced pesticide penetration into the plant
4. **Droplet Management** – better manages droplet size to minimize loss due to drift or evaporation
5. **Crop Safety** – better crop health due to less cell wall disruption of plant surfaces
6. **Environmental** – made from natural occurring soybean oil

LI 700 contains Lecithin and is formulated as a unique LECI-TECH technology to allow you to expect more from your pesticide application.

www.uap.ca

Western Canada: 1-800-561-5444

Ontario & the Maritimes: 1-800-265-5444

Quebec: 1-800-361-9369

Always read and follow label directions.

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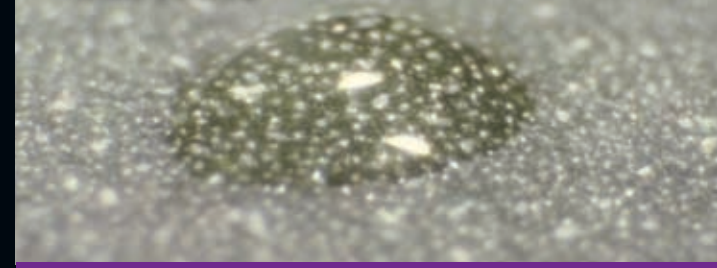


High Performance Penetrating Surfactant

without LI 700



with LI 700



Expect More

- LI 700 is a non-ionic penetrating surfactant designed to enhance the performance and reliability of foliar products.
- Lowers the pH of spray solutions.
- Reduces potential spray drift by decreasing the percentage of small droplets.
- Can be used with many other crop protection products and plant nutrient products to provide the highest level of performance.



High Performance Penetrating Surfactant

Improving Spray Performance

LI 700 is a soybean oil-derived, non-ionic penetrating surfactant, which reduces the potential for off-target spray drift, reduces spray water pH, improves product deposition on the plant leaf, and increases product penetration into the plant.

The unique technology in LI 700 reduces product breakdown in the spray tank and improves rainfastness, resulting in better product performance. If you're looking for maximum economic response from herbicides, fungicides, insecticides or foliar plant nutrients, use LI 700 penetrating surfactant.

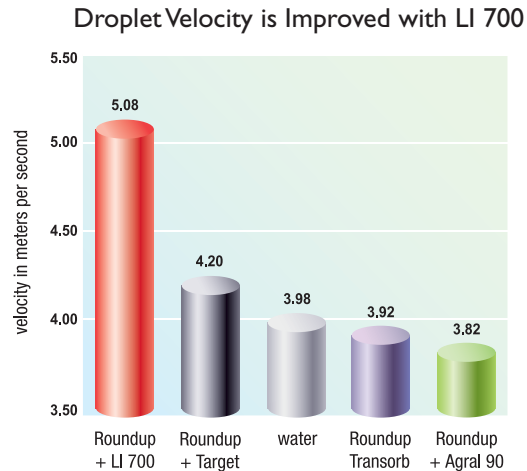
LI 700 is especially critical when it comes to the accurate placement and high performance of glyphosate. With the developments in direct seeding, preharvest management systems and glyphosate resistant crop varieties, the use of LI 700 will not only reduce the risk of off target spray drift, but will offer added performance for a better return on your investment.

Drift Management

LI 700 is the only penetrating surfactant labelled for lowering the potential for off-target spray. When LI 700 is added to the spray solution, the average droplet size is increased – LI 700 reduces the number of droplets that are 100 microns or less by as much as 62%. At the same time, the number of large droplets over 500 microns that can bounce or slide off the leaf surface is not increased. The result is a more uniform droplet size, which increases on-target application.

LI 700 also increases the velocity of spray droplets by 40% compared to using water as the sole herbicide carrier. This increased velocity means the water droplets have more momentum and are less likely to drift.

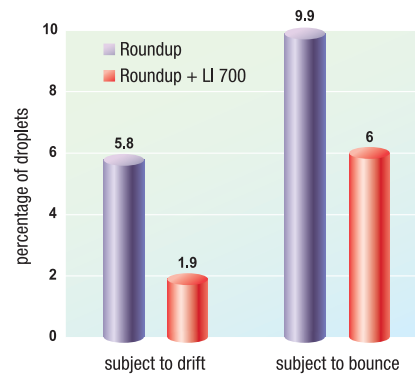
Independent research studies support the use of LI 700 for drift management. In the first study at Agriculture and Agri-Food Canada at Saskatoon, Saskatchewan, LI 700 increased the droplet speed to increase on-target spray.



Source: Tom Wolf, AAFC Saskatoon.

Research in the UK also found that LI 700 reduced potential spray drift and reduced the number of droplets subject to bouncing off.

Improved On-Target Application of Glyphosate



Source: Silsoe Research Institute, UK

Better Deposition and Adhesion

To get the best performance from a foliar spray product, it needs to hit the leaf and stick. LI 700 improves the amount of the spray solution that stays on the leaf surface.



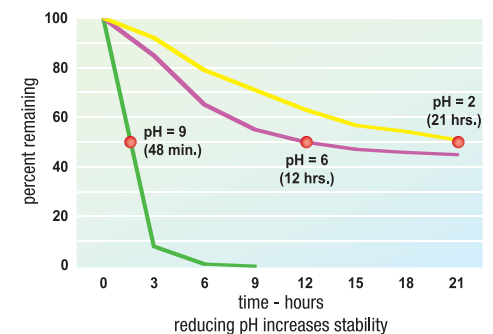
Drift management is a concern, especially when spraying glyphosate.

pH Management

Many crop protection products are broken down through alkaline hydrolysis in the spray tank when mixed with water that has high pH. In high pH water, it may take only a few minutes to lose a significant amount of the active ingredient. LI 700 lowers the pH of the water carrier to reduce the breakdown of many of the most popular crop protection products.

For more information on using LI 700 for pH management, talk to your dealer or view a comprehensive list of products and the effect of pH at www.uap.ca. Look for the Product Response to Spray Solution pH chart beside LI 700.

Stability of Dimethoate with Respect to pH



Source: Laboratory evaluation, Loveland Industries, Inc.