

Li-700[®]

MULTI PURPOSE ADJUVANT



A high performance penetrating surfactant to optimise product performance of systemic and translaminar products and provide drift reduction

- ✓ **Penetrant** ✓ **Surfactant**
- ✓ **Drift Retardant** ✓ **pH reduction (acidifier)**

Ideal for use with:

- ✓ Glyphosate and other systemic herbicides
- ✓ PGR's, e.g. Regalis[®], chlormequat, Super Sprout Stop[™], Moddus[®], Terpal[®] etc
- ✓ Systemic and translaminar fungicides and insecticides
- ✓ Foliar fertilisers

Features

- Multiple modes of action. Penetrates into the plant by providing good droplet spread for thorough coverage and by non destructive cuticle penetration to increase product uptake and translocation.
- Proven in global trials. One of the most researched adjuvants in the world.
- Li-700 contains Lecithin and is formulated as a unique LECI-TECH technology to provide better performance from crop protection spray applications.
- Faster uptake providing improved rainfastness.
- Reduction of pH and enhancement of weak acid herbicides, such as glyphosate.
- Greatly reduced off target drift.

Benefits

- Provides superior penetration and translocation
- Drift reduction
- Acidifies water
- Excellent crop safety





Li-700 Chemistry:

Li-700 contains soyal phospholipids and is a blend of Lecithin (derived from soyabeans), Propionic acid and various surfactants. Li-700 is unique. It is made of natural, renewable products. The Lecithin component acts by lifting the waxy platelets on leaves, increasing uptake.

Li-700 Reduces Alkaline Hydrolysis

Li-700 creates a more favourable pH environment for herbicides such as glyphosate, MCPA, 2,4-D, clopyralid, dicamba etc. Some crop protection products such as carfentrazone (e.g. Hammer®) and cymoxanil (e.g. Nautil®), Curfew®) are degraded in alkaline water (alkaline hydrolysis). Li-700 is an acidifying agent that adjusts the pH of alkaline water to help optimise product performance.

Directions for use

Li-700 may be used on wide variety of tree fruits, vines, cereals and vegetables.

CAUTION: DO NOT USE Li-700 WITH COPPER FUNGICIDES AS DAMAGE TO THE CROP MAY OCCUR. USE VALIDATE OR Li-1000® INSTEAD.

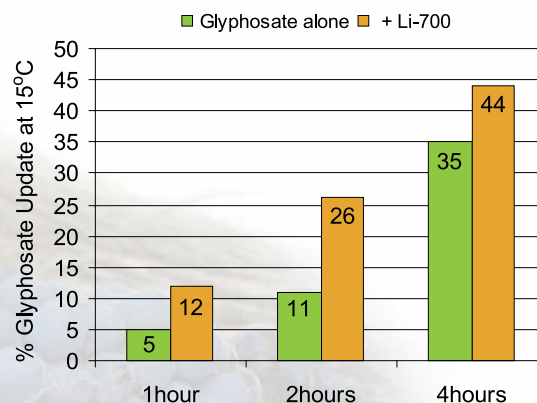
Recommendations

Situation	Rate per 100 L	Comments
Addition to systemic and translaminar herbicides, fungicides, insecticides and plant growth regulators to improve spray coverage and penetration.	250 - 500 mL	Use high rate on difficult to kill weeds.
Acidify water and reduce effects of alkaline hydrolysis.	30 - 120 mL	For water pH 8 or higher use 60 - 120 mL. For water pH 6.5 - 8 use 30 to 60 mL.
Improve uptake of foliar fertilisers.	250 - 500 mL	
Drift control management.	250 - 500 mL	Li-700 will reduce fine droplets associated with spray drift but not eliminate off-target movement. For optimum drift management control use the higher label rate. Always observe good agricultural spraying practice.

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Li-700 Increases the Speed of Glyphosate uptake



Li-700 reduces drift - larger more even droplets give better coverage and much less drift.

Trial Silsoe Institute UK

