

booklet

# LI 700®

COMMERCIAL  
SOLUTION

NON-IONIC

PENETRATING SURFACTANT, pH ADJUSTER, DEPOSITION AID  
AND HARVEST AID

DANGER: CAUSES SKIN AND EYE IRRITATION

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND BOOKLET BEFORE USING

PROTECT FROM FREEZING

REGISTRATION NO. 23026 PEST CONTROL PRODUCTS ACT

GUARANTEE: Surfactant Blend 80%

WARNING: Contains the allergen soy.

IN CASE OF EMERGENCY DUE TO A MAJOR SPILL, FIRE OR POISONING  
INVOLVING THIS PRODUCT CALL DAY OR NIGHT, 1-800-561-8273

**Loveland Products, Inc.**  
**P.O. Box 1286**  
**Greeley, Colorado, USA**  
**80632-1286**  
**1-800-265-4624**

**NET CONTENTS : 3.78 - 1000L**

## **PRECAUTIONS**

**KEEP OUT OF REACH OF CHILDREN.** Can cause skin and eye irritation. The vapours are irritating to the eyes, nose and throat. Do not get in eyes or on skin. Wear goggles or face shield, approved pesticide gloves and long-sleeved clothing when handling. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mist. Use adequate ventilation. Wash thoroughly after handling. Harmful if swallowed. Keep container closed during storage.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: [www.croplife.ca/](http://www.croplife.ca/).

## **FIRST AID**

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## **DISPOSAL**

1. Triple - or pressure - rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

## DIRECTIONS FOR USE:

### 1. PENETRATING SURFACTANT

USE	RATE	REMARKS
Tank mix with Glyphosate*	Use 0.5% V/V (5 L of LI 700 per 1000 L spray mixture or 500 mL of LI 700 per 100L spray mixture)	When using LI 700 carefully follow all product labels involved.

\* LI 700 is a water soluble non-ionic agent that is recommended for use with Glyphosate products such as GLYPHOS®, ROUNDUP®, LAREDO®, RENEGADE®, VISION®, SHARPSHOOTER® and SHARPSHOOTER PLUS®.

### TANK MIX PARTNERS

CROP	WEEDS	RATE	REMARKS
Spring Wheat Including: Hard red spring, Canada Prairie spring, soft white spring and extra strong (utility) wheat	Wild Oats, Green Foxtail (Wild Millet) and Broad Leaf Weeds listed on the broadleaf herbicide label	EVEREST SOLUPAK 70 DF Herbicide, 43g/ha +LI 700 at 0.25%v/v (2.5L/1000L) +2,4-D Amine 500 or 2,4-D Amine 600 or 2,4-D Ester 600 or 2,4-D Ester 700 or Buctril M or Estaprop or Dichlorprop-D or Refine Extra + 2,4-D Amine 500 or Refine Extra + 2,4-D Amine 600 or Thumper or MCPA ESTER 500 at 840 mL/ha	Follow all directions and precautions on the tank-mix partner labels.
Durum Wheat	Wild Oats, Green Foxtail (Wild Millet) and Broad Leaf Weeds listed on the broadleaf herbicide label	EVEREST SOLUPAK 70 DF Herbicide, 43 g/ha +LI 700 at 0.25%v/v (2.5L/1000L) +2,4-D Amine 500 or 2,4-D Amine 600 or 2,4-D Ester 600 or 2,4-D Ester 700 or Buctril M or Estaprop or Dichlorprop-D or Refine Extra + 2,4-D Amine 500 or Refine Extra + 2,4-D Amine 600 or Thumper	Follow all directions and precautions on the tank-mix partner labels.

Spring Wheat Including: Hard red spring, Canada Prairie spring, soft white spring and extra strong (utility) wheat	Wild Oats Green Foxtail (wild Millet) Broad Leaf Weeds listed on the TURBOPROP 600 label	EVEREST SOLUPAK 70 DF Herbicide, 43 g/ha + TURBOPROP 600, 1.75 L/ha + LI 700, 0.25% v/v (2.5 L/1000 L)	Follow all directions and precautions on the tank-mix partner labels.
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CROP	INSECTS	RATE	REMARKS
Potatoes	Aphids listed on the FULFILL 50 WG INSECTICIDE label.	FULFILL 50 WG INSECTICIDE +LI 700 at 0.5%V/V (5L/1000L)	Follow all directions and precautions on the tank-mix partner label.

## 2. pH ADJUSTER/ACIDIFIER

USE	RATE	REMARKS
Highly alkaline water (pH 8 or higher)	Use 625 mL to 1.25 L of LI 700 per 1000 L water mixture.	Alkaline water, even mildly alkaline, causes alkaline hydrolysis or degradation of many pesticides. Some chemicals degrade in less time than it takes to put out a tank of spray. When mixed with spray solutions, LI 700 neutralizes or slightly acidifies the spray solution. LI 700 prevents the breakdown hydrolysis, e.g. pH sensitive products, in the spray tank. To reduce chemical hydrolysis, an acid based product like LI 700 can be used. It can effectively lower the pH of water that is mixed with pesticides. Add LI 700 before adding the pesticide.
Mildly alkaline water (pH 6.5 to 8)	Use 300 to 625 mL of LI 700 per 1000 L water mixture.	

### 3. DEPOSITION AID, DRIFT REDUCTION AGENT

USE	RATE	REMARKS
Tank mix with Glyphosate*	Use 0.5% V/V (5 L of LI 700 per 1000 L spray mixture)	LI 700 improves deposition and reduces drift potential by producing a more uniform spray pattern. LI 700 reduces the incidence of small droplets. Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Follow all directions and precautions on the tank mix partner labels.

\* LI 700 is a water soluble non-ionic agent that is recommended for use with Glyphosate products such as GLYPHOS®<sup>®</sup>, ROUNDUP®<sup>®</sup>, LAREDO®<sup>®</sup>, RENEGADE®<sup>®</sup>, VISION®<sup>®</sup>, SHARPSHOOTER®<sup>®</sup> and SHARPSHOOTER PLUS®<sup>®</sup>.

### 4. HARVEST AID – Tank Mix with Reglone® Desiccant

Use 0.25% v/v LI 700 (2.5L of LI 700 per 1000 L of spray solution). Follow all directions and precautions on the Reglone Desiccant label.

CROPS	Reglone Desiccant RATE (L/ha)	APPLICATION METHOD	APPLICATION VOLUME (L/ha)	CROP CONDITION
Beans - White Kidney, Red Kidney, Soybeans and Adzuki beans.	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop).
	1.7-2.1	Aerial	At least 45	
	1.7	Ground	225-550	Heavy crop stand and/or weedy crop and/or heavy vine regrowth.
	2.3	Aerial	At least 45	
Lentils	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop).
	1.7	Aerial	At least 45	
	1.7	Ground	225-550	Very dense canopy and/or weedy crop.
	2.3	Aerial	at least 45	
Potato – Vine Killing (Prairie Provinces only)	1.25	Ground	550-1100	Top growth fully mature, little or no weeds.

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