

PMRA Approved Label
2017-1510

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

ACTIVE INGREDIENT: 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

NET CONTENTS: 3.78 – 1000 L

**LOVELAND PRODUCTS CANADA, INC.
789 DONNYBROOK DRIVE
DORCHESTER, ON
N0L 1G5
Product Inquiries: 1-800-328-4678**

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 during mixing and loading. Wear coveralls over long-sleeved shirt and long pants, chemical-resistant footwear during mixing, loading, application, clean-up and repair. 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.

When applied as a tank-mix combination, read and observe all label directions, including rates, personal protective equipment, restrictions and precautions for each product used in the tank-mix. Always use in accordance with the most restrictive label restrictions and precautions.

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.

DIRECTIONS FOR USE:

1. PENETRATING SURFACTANT

USE	RATE	REMARKS
Tank mix with Glyphosate*	Use 0.25-0.5% V/V (2.5 L - 5 L of LI 700 per 1000 L spray mixture or 250 ml – 500 ml of LI 700 per 100 l of spray mixture)	Include LI 700 in the spray solution with glyphosate only where a non-ionic surfactant is required and at the non-ionic surfactant rate specified on the glyphosate product label and that is within 0.25-0.5% v/v.

* LI 700 is a water soluble non-ionic agent that is recommended for use with Glyphosate products, such as GLYFOS® brand herbicides and ROUNDUP® brand herbicides, RENEGADE HC LIQUID HERBICIDE®, VISION SILVICULTURE HERBICIDE®, VISIONMAX SILVICULTURE HERBICIDE, SHARPSHOOTER HERBICIDE® and SHARPSHOOTER PLUS HERBICIDE®.

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 OR EVEREST 2.0 Herbicide, 36-72ml/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 OR EVEREST 2.0 Herbicide, 36-72ml/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	Follow all directions and precautions on the tank-mix partner labels.

		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	
As per the herbicide label	Weeds listed on the herbicide label	Curtail M Herbicide +LI 700 at 0.25%v/v (2.5L/1000L)	Follow all directions and precautions on the tank-mix partner labels.
As per the herbicide label	Weeds listed on the herbicide label	Lontrel 360 Herbicide +LI 700 at 0.25%v/v (2.5L/1000L)	Follow all directions and precautions on the tank-mix partner labels

As per the herbicide label	Weeds listed on the herbicide label	Pardner Herbicide +LI 700 at 0.25%v/v (2.5L/1000L)	Follow all directions and precautions on the tank-mix partner labels
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CROP	INSECTS	RATE	REMARKS
Potato	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

Mildly alkaline water (pH 6.5 to 8)	Use 300 to 625 mL of LI 700 per 1000 L water mixture.	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.
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3. DEPOSITION AID, DRIFT REDUCTION AGENT

USE	RATE	REMARKS
Tank mix with Glyphosate*	Use 0.25 - 0.5% V/V (2.5 L- 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.

4. HARVEST AID – Tank Mix with Reglone® Desiccant and Stage 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 and Stage Desiccant label.

CROPS	Reglone or Stage 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.
Lentils	2.3	Aerial	At least 45	
	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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