

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

***Loveland***

# **Hyper Spray**

**ADJUVANT**

**ACTIVE CONSTITUENTS: 704 g/L ETHYL and METHYL ESTERS of VEGETABLE OIL  
with 196 g/L Non-ionic Surfactants**

**An esterified oil based product with non-ionic surfactants to assist the  
effectiveness of  
Herbicides and other Agricultural Chemicals**

**HYPER SPRAY ADJUVANT improves your spray results by:  
Increasing penetration through waxy cuticles  
Increasing wetting and spreading of spray droplets  
Reducing spray droplet evaporation rates**

**IMPORTANT: READ THIS LEAFLET BEFORE USE  
APVMA Approval No: 82828/140567**

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**DIRECTIONS FOR USE**

Hyper Spray Adjuvant is a blend of esterified vegetable oil and non-ionic surfactants that is suitable for use as a spray adjuvant with a range of agricultural chemicals, including herbicides, insecticides, fungicides, defoliants and desiccants where oil based adjuvants are specified on the label.

**Important:** Prior to use, read all directions for use on this label and of the agricultural chemical being used. Any specific usage or instructions on the agricultural chemical's label has precedence over directions for use referred to on this label.

**HERBICIDES**

<b>Product</b>	<b>HYPER rate per 100 L of spray volume</b>	<b>Critical Comments</b>
<b>Acifluorfen</b> eg. Blazer* and other Acifluorfen products	1.0 L	Recommended for use in Mung Beans only.
<b>Atrazine</b> eg. Genfarm Atrazine Herbicide, Gesaprim*	0.5 – 1.0 L	For post-emergence use with TT canola.
<b>Butafenacil/Triasulfuron</b> eg. Logran* B-Power	0.5 L	Refer to Butafenacil/Triasulfuron label. Hyper Spray Adjuvant is recommended for all applications where Butafenacil/Triasulfuron is used.
<b>Carfentrazone-ethyl</b> eg. Genfarm Carfentrazone Herbicide, Hammer*	0.5 – 1.0 L	Hyper Spray Adjuvant is recommended for use with Carfentrazone-ethyl to control certain weeds. See Carfentrazone-ethyl label for use rate and details.
<b>Clethodim 240 EC</b> eg. Genfarm Clethodim 240 Herbicide, Select*	0.5 – 1.0 L	Refer to Clethodim label. Hyper Spray Adjuvant is recommended for all applications where Clethodim 240 EC products which specify Hyper Spray Adjuvant or equivalent on their label.
<b>Clethodim/Haloxyfop</b> eg. Arvesta* Motsa*	1.0 L	Refer to Clethodim/Haloxyfop label. Hyper Spray Adjuvant is recommended for all applications where Clethodim/Haloxyfop is used.
<b>Clodinafop 240EC</b> eg. Genfarm Clodinafop 240EC Selective Herbicide, Topik*	0.5 L	DO NOT use Hyper Spray Adjuvant when using Clodinafop 240 EC in mixtures with Diflufenican/MCPA or Diflufenican/Bromoxynil. Where water volumes less than 50 L/ha are used, do not use less than 250 mL/ha of Hyper Spray Adjuvant. Hyper Spray Adjuvant is recommended for all applications where Clodinafop 240EC products are used.

<b>Product</b>	<b>HYPER rate per 100 L of spray volume</b>	<b>Critical Comments</b>
<b>Flumioxazin</b> eg. Genfarm Flumioxazin 500 WG Herbicide, Valor*	0.5 – 1.0 L	Use the lower rate on actively growing weeds.
<b>Glyphosate/Butafenacil</b> eg. Touchdown B-Power*	0.5 – 1.0 L	Refer to Glyphosate/Butafenacil label. On large weeds and in less than ideal conditions the use of HASTEN is preferred to a non-ionic wetter.
<b>Imazamox 700 WG</b> eg. Genfarm Imazamox 700 WG Herbicide, Raptor* WG	0.5 L or 1.0 L	There are some applications where Hyper Spray Adjuvant should not be used with Imazamox. Refer to Imazamox label.
<b>Imazamox/Imazapyr</b> eg. Genfarm Imaza-Combi Herbicide, Intervix* & Intercept*	1.0 L	Hyper Spray Adjuvant is recommended for all applications where Imazamox/Imazapyr is used.
<b>Imazapic (240 g/L product only)</b> eg. Genfarm Imazapic 240 Herbicide, Flame*	1.0 L	Recommended for post-emergent use in Peanuts only.
<b>Imazapic/Imazapyr</b> eg. OnDuty*	0.5 L	Hyper Spray Adjuvant is recommended for all applications where Imazapic/Imazapyr is used.
<b>Imazethapyr 700 WG</b> eg. Genfarm Imazethapyr 700 WG Herbicide, Spinnaker*	0.5 L	For post-emergent use. Refer to Imazethapyr 700 WG label. Use Hyper Spray Adjuvant for Post-emergence applications in accordance 700 g/kg Imazethapyr product labels.
<b>Iodosulfuron-Methyl-Sodium/ Mefenpyr-Diethyl</b> eg. Genfarm Iodosulfuron 100 Selective Herbicide, Hussar*	1.0 L	Refer to Iodosulfuron-Methyl-Sodium/ Mefenpyr-Diethyl label. Hyper Spray Adjuvant is recommended for all applications where Iodosulfuron-Methyl-Sodium is used.
<b>Mefenpyr-Diethyl/ Mesosulfuron-Methyl</b> eg. Genfarm Mesosulfuron-Methyl OD Herbicide, Atlantis*	1.0 L	Use Hyper Spray Adjuvant for broome grass and barley grass suppression.
<b>Paraquat 360</b> eg. Genfarm Paraquat 360 Herbicide, Gramoxone* 360 PRO	0.5 – 1.0 L	Hyper Spray Adjuvant is recommended for all applications where Paraquat 360 is used.
<b>Propaquizafop</b> eg. Shogun*	0.5 L	Refer to Propaquizafop label.

Product	HYPER rate per 100 L of spray volume	Critical Comments
<b>Pyrasulfotole/Bromoxynil</b> eg. Velocity*	1.0 L	Hyper Spray Adjuvant is recommended for all applications where Pyrasulfotole/Bromoxynil is used.
<b>Pyrasulfotole/MCPA/ Mefenpyr-Diethyl</b> eg. Precept*	0.5 – 1.0 L	Refer to Pyrasulfotole/MCPA/Mefenpyr-Diethyl label when tank mixing with other herbicides.
<b>Quizalofop-P-Ethyl 200EC</b> eg. Genfarm QPE 200 Herbicide	1.0 L	Refer to Quizalofop-P-Ethyl label. Hyper Spray Adjuvant is recommended for all applications where Quizalofop-p-ethyl 200EC products which specify Hyper Spray Adjuvant or equivalent on their label.
<b>Saflufenacil</b> eg. Genfarm Saflufenacil 700 WG Herbicide	1.0 L	Hyper Spray Adjuvant is recommended for all applications where Saflufenacil is used.
<b>Sethoxydim/Diclofop-Methyl</b> eg. Decision*	1.0 L	DO NOT use when using Sethoxydim/Diclofop-Methyl in mixtures with Diflufenican/MCPA. Apply with foliar zinc oxide.
<b>Sethoxydim/Diclofop-Methyl/ Fenoxaprop-P-Ethyl</b> eg. Cheetah* Gold	1.0 L	Hyper Spray Adjuvant is recommended for all applications where Sethoxydim/Diclofop-Methyl/ Fenoxaprop-P-Ethyl is used.
<b>Terbuthylazine</b> eg. Genfarm Terbuthylazine 875 WG Herbicide, Terbyne*, Terbyne* Xtreme	0.5 L	For post-emergent applications.

**Use of Hyper Spray Adjuvant with Herbicides, Insecticides, Fungicides Defoliants and Desiccants:**

Hyper Spray Adjuvant may be used wherever an oil-based adjuvant is recommended on the label of agricultural chemicals, unless esterified seed-oil adjuvants are specifically excluded. The recommended usage rate of Hyper Spray Adjuvant for all such applications should be approximately 0.5 – 1.0L/ha and should not be less than 0.2 L/ha (see table below).

Spray Application	Spray Volume per hectare	Rate Hyper Spray Adjuvant L/100L of spray volume
Low Volume	10 – 20 L/ha	2.0 – 5.0 L
Broadacre Boom Spray	50 – 100 L/ha	0.5 – 2.0 L
High Volume	200 – 500 L/ha	0.2 – 0.5 L

When spraying at volumes other than those shown above, apply Hyper Spray Adjuvant at approximately 0.5 – 1.0 L/ha.

<b>FUNGICIDE AND INSECTICIDE PRODUCTS</b>		
<b>Product</b>	<b>Hyper rate</b>	<b>Critical Comments</b>
<b>Spirotetramat</b> eg. Genfarm Spirotetramat 240 SC Insecticide, Movento*	0.5 – 1.0 L/ha	See Spirotetramat label for crop specific instructions and restrictions.
<b>Prothioconazole/Tebuconazole</b> eg. Genfarm Prothio T 420 Fungicide, Prosaro*	1.0 L/100 L	See Prothioconazole/Tebuconazole label for specific instructions on adjuvant use.
<b>Emamectin/Acetamiprid</b> eg. Skope*	1.0 L/ha	Use Hyper Spray Adjuvant where silverleaf whitefly is the main insect target.
<b>COTTON DEFOLIATION</b>		
<b>Product</b>	<b>Rate</b>	<b>Critical Comments</b>
<b>Thidiazuron and Thidiazuron/ Diuron</b> products for defoliation eg. Genfarm Thidiazuron 500 Cotton Defoliant, Genfarm TDZ-D Cotton Defoliant, Dropp*, Dropp Ultramax*  <b>Pyraflufen-Ethyl</b> eg. ETee* Defoliant  Ethephon products for boll opening (when used with Thidiazuron products) eg. Prep* 720	0.5 L/ha	Hyper Spray Adjuvant can be used to assist the performance of certain cotton defoliation products.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

## **GENERAL INSTRUCTIONS**

### **MIXING**

Follow directions on agricultural chemical's label. Fill spray tank one-half full of water and add required amount of agricultural chemical while agitating. Add the remainder of the water. Add the required amount of Hyper Spray Adjuvant and continue agitation until completion of spraying.

### **COMPATIBILITY**

Hyper Spray Adjuvant can provide enhanced compatibility when compared with mineral oil or vegetable oil based adjuvants. Under cold conditions (<10°C) Hyper Spray Adjuvant is preferred to other crop oil adjuvants when used with certain herbicides as recommended on their label.

Hyper Spray Adjuvant is compatible with the following products, however all instructions on the agricultural chemical's label must be strictly followed.

## **PRECAUTIONS**

**Crop Safety:** Refer to the directions on the agricultural chemical label. Caution must be exercised when applying Hyper Spray Adjuvant with agricultural chemicals on sensitive crops during periods when plants are subject to drought stress, high temperatures or high humidity. If in doubt about the appropriateness of using Hyper Spray Adjuvant please test by application to a small area before using it on a full-scale basis.

## **SPILLAGE**

In the event of a spillage absorb onto sand or chemical absorbent. Remove residue with detergent and hot water. Dispose of by normal waste disposal methods conforming to local authority codes.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

## **STORAGE AND DISPOSAL**

KEEP OUT OF REACH OF CHILDREN. Store in the closed original container in a well ventilated area, out of direct sunlight. Avoid storage below 0°C as this product may become cloudy and thicken. Above 0°C, it returns to a normal fluid state.

Triple-rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.

**For *drumMUSTER* containers:** This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemical on-site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management program site. The cap should not be replaced, but may be taken separately.

**For Refillable containers:** Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## SAFETY DIRECTIONS

Will irritate the skin. May irritate the eyes, nose and throat. Avoid contact with eyes and skin. Avoid inhaling. When opening the container wear protective waterproof clothing and rubber gloves. When using together with other products, consult their label safety directions. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

## SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet which is available from the supplier.

**CONDITIONS OF SALE:** This product should only be used in accordance with the label and manufacturer's instructions. Product performance may be affected by factors which are beyond the control of Loveland Agri Products Pty Ltd and its Associates (as that term is defined in the Corporations Act 2001 Cth) (Associates). In no case shall Loveland Agri Products Pty Ltd or its Associates be liable for consequential, incidental, special or exemplary damages or losses. All sales (wholesale and retail) are governed by the General Terms and Conditions of Sale available at [lovelandagriproducts.com.au](http://lovelandagriproducts.com.au) or from your retailer upon request. These terms can only be varied by Loveland Agri Products Pty Ltd.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves / eye protection / face protection. IF ON SKIN: Wash with plenty of water.

Specific treatment (see on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If eye irritation persists: Get medical advice/attention. Dispose of contents/container in accordance with local/regional/national regulations.

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