



Product Name: Albaugh Durango 360 Herbicide
APVMA Approval No.: 80641/141765

Label Name:	Albaugh Durango 360 Herbicide
-------------	-------------------------------

Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
------------------	--

Constituent Statements:	360 g/L GLYPHOSATE PRESENT AS THE ISOPROPYLAMINE AND MONO-AMMONIUM SALTS
-------------------------	--

Mode of Action:	GROUP 9 HERBICIDE
-----------------	-------------------

Statement of Claims:	Herbicide for the control of many annual and perennial weeds in Optimum GLY canola as per the Directions for Use
----------------------	--

Net Contents:	20 L
---------------	------

Restraints:	This section contains file attachment.
-------------	--

Directions for Use:	This section contains file attachment.
---------------------	--

Other Limitations:	
--------------------	--

Withholding Periods:	HARVEST: NOT REQUIRED WHEN USED AS DIRECTED GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.
----------------------	--

Trade Advice:	TRADE ADVICE EXPORT STATEMENT Import tolerances for canola treated with Albaugh Durango™ 360 Herbicide may be pending in some countries. Consult with your exporter or Albaugh Asia Pacific Limited before applying Albaugh Durango™ 360 Herbicide to export crops.
---------------	---

General Instructions:	This section contains file attachment.
-----------------------	--

Resistance Warning:	<p>Albaugh Durango™ 360 Herbicide is a member of the Glycines group of herbicides. Albaugh Durango™ 360 Herbicide has the inhibitors of EPSP synthase mode of action. For weed resistance management Albaugh Durango™ 360 Herbicide is a Group 9 herbicide. Some naturally-occurring weed biotypes resistant to Albaugh Durango™ 360 Herbicide and other Group 9 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Albaugh Durango™ 360 Herbicide or other Group 9 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Albaugh Asia Pacific Limited accepts no liability for any losses that may result from the failure Albaugh Durango™ 360 Herbicide to control resistant weeds.</p> <p>For additional information on herbicide resistance, modes of action and monitoring visit ;</p> <ul style="list-style-type: none"> • Australian Glyphosate Sustainability Working Group (AGSWG), 'Sustainable glyphosate use in winter grain cropping' • CropLife Australia Limited, 'Herbicide Resistance Management Strategies' • WeedSmart, '10 point plan' <p>For further information contact your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local Albaugh Asia Pacific Limited Representative.</p>
---------------------	--

Precautions:	
--------------	--

Protections:	<p>CROP SAFETY Applications may be made in Optimum GLY® canola varieties from cotyledon to the 10% flowering stage. The addition of a surfactant is not required for use in Optimum GLY® canola varieties.</p> <p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS Avoid contact with foliage, green stems or fruit of crops, desirable plants and trees, since severe injury or destruction may result.</p> <p>Drift Warning: DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or waterways with the chemical or used containers. When controlling weeds near water, refer to label directions to minimise the entry of spray into the water.</p>
--------------	--

Storage and Disposal:	Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure 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, deliver empty containers to an approved waste management facility. If an
-----------------------	---

approved waste management facility is not available bury the empty packaging 500mm 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.

Safety Directions:	<p>Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use, wear elbow-length PVC gloves and face shield or goggles. When using controlled droplet applicator wear protective water proof clothing and impervious footware.</p> <p>After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.</p>
--------------------	--

First Aid Instructions:	If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26.
-------------------------	---

First Aid Warnings:	
---------------------	--

RESTRAINTS:

DO NOT use as the only method of weed control if glyphosate resistant weeds are suspected or present.

DO NOT treat weeds under poor growing or dormant conditions such as occur in drought, water logging, disease, insect damage or following frost. Reduced control may also occur when treating weeds heavily covered with dust or silt. Rainfall occurring up to 6 hours after application may reduce effectiveness. Heavy rainfall within 2 hours of application may wash the chemical off the foliage and a repeat treatment may be required.

SPRAY DRIFT RESTRAINTS

DO NOT apply with spray droplets smaller than a COARSE spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the British Crop Production Council guideline.

DO NOT apply during surface temperature inversion conditions at the application site.

DO NOT apply when wind speed is less than 3 or more than 20 km per hour as measured at the application site.

Users of this product **MUST** make an accurate written record of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years.

The spray application details that must be recorded are:

1. date with start and finish times of application;
2. location address and paddock/s sprayed;
3. full name of this product;
4. amount of product used per hectare and number of hectares applied to;
5. crop/situation and weed/pest;
6. wind speed and direction during application;
7. air temperature and relative humidity during application;
8. nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application;
9. name and address of person applying this product.

(Additional record details may be required by the State or Territory where this product is used.)

SITUATION – OPTIMUM GLY® CANOLA VARIETIES

Before application, users should consult the Optimum GLY® Crop and Resistance Management Plan (CRMP) which has been designed to minimise the development of glyphosate resistance in weed populations.

WEEDS CONTROLLED	GROWTH STAGE OF CROP	RATE	CRITICAL COMMENTS
Annual ryegrass Amsinckia (Amsinckia spp) Barley grass Black pigweed Brome grass Canary grass Capeweed Deadnettle Dock (seedling) (Rumex spp) Doublegee (Spiny Emex) Fumitory Milk (sow) thistle Mintweed Paradoxa grass Paterners curse Pigweed Saffron thistle Scotch thistle Silver grass Skeleton weed – fully emerged rosettes (NSW only) Sorrel Soursob Spear thistle Sub clover Turnip weed Volunteer cereals Volunteer lupins Variegated thistle Wild mustard Wild oats Wild radish Wild turnip Winter grass Wireweed	Cotyledon (BBCH10 - Cotyledons completely unfolded) to early bloom (BBCH 61 - 10% of flowers on main raceme open, main raceme elongating)	1.7 to 3 L/ha	<p>DO NOT apply after BBCH 61 (10% flowering) crop stage.</p> <p>DO NOT apply more than 3 applications in any one crop. Each application must be a minimum of 1.7 L/ha and a maximum of 3 L/ha.</p> <p>Apply treatments to weeds which have at least one true leaf (broadleaf weeds) or two leaves (grasses) to provide an adequate surface area for herbicide uptake. Repeat applications may be required if a second flush of weeds germinate. For sequential applications, applications must be at least 14 days apart.</p> <p>Annual weeds are only to be sprayed when they are actively growing. Use the lower rate on grass weeds up to early tillering and broadleaf weeds with up to 2 true leaves. Increase the rate on larger weeds and in situations of high density weed populations or tough environmental conditions. The effects of this product may not be apparent for 3 to 7 days (annual weeds) or 2 to 3 weeks (perennial weeds) or longer under cool, cloudy conditions. This product will control emerged weeds only, and provides no residual control.</p>

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

WARNING: THE APPLICATIONS RECOMMENDED ABOVE ARE FOR USE ONLY WITH DESIGNATED CANOLA VARIETIES WITH THE OPTIMUM GLY® HERBICIDE TOLERANCE TRAIT. APPLICATION OF THIS PRODUCT TO CANOLA THAT DOES NOT CONTAIN THE OPTIMUM GLY® TRAIT MAY RESULT IN SEVERE CROP INJURY AND YIELD LOSS OR DEATH OF THE CANOLA.

EXTREME CARE MUST BE TAKEN TO AVOID CONTACT WITH CROPS OR DESIRABLE PLANTS WITHOUT THE OPTIMUM GLY® TRAIT, OR WITH NATIVE VEGETATION, SINCE SEVERE INJURY OR DESTRUCTION WILL RESULT.

GENERAL INSTRUCTIONS

Albaugh Durango™ 360 Herbicide is a non-volatile, water soluble liquid with non-selective herbicidal activity against many annual and perennial broadleaf weeds and grasses. Albaugh Durango™ 360 Herbicide is for use only in canola varieties that contain the Optimum GLY® herbicide tolerance trait. Albaugh Durango™ 360 Herbicide (or any other glyphosate product) will not control Optimum GLY® canola volunteers at any stage, and/or other glyphosate tolerant canola volunteers.

Albaugh Durango™ 360 Herbicide is absorbed by plant foliage and green stems. Albaugh Durango™ 360 Herbicide is inactivated immediately in the soil and does not provide residual weed control. Albaugh Durango™ 360 Herbicide moves through the plant from the point of contact and into the root system. Visible effects on annual weeds take 3 – 7 days, but on perennial weeds may not be obvious for 2 - 3 weeks or longer in some cases.

Visible effects of control may be delayed by cool or cloudy weather at and following treatment. Visible effects are a gradual yellowing and wilting of the plant which advances to complete browning of above ground growth and deterioration of underground plant parts. Delay application until vegetation has emerged to the stages described in the "Weeds Controlled" table. Unemerged parts arising from attached underground rhizomes or root stocks of perennials will not be affected by spray and will continue to grow. For this reason best control of most perennial weeds is obtained at late growth stages approaching maturity.

MIXING INSTRUCTIONS

This product mixes readily with water. Reduced results may occur if water containing soil is used, e.g. water from ponds and unlined ditches, or if hard water containing calcium salts is used. Ensure the spray tank is free of any residue of previous spray materials.

Fill the spray tank with one half the required amount of clean water and add the proper amount of this product. Mix well before adding the remaining portion of water. Placing the filling hose below the surface of the spray solution will prevent excessive foaming. Removing hose from tank immediately after filling will prevent back siphoning into water source. **DO NOT** use mechanical agitators as these may cause excessive foaming.

COMPATIBILITY

Since formulations may be changed and new ones introduced, it is recommended that users premix a small quantity of the desired tank mix and observe possible adverse changes (settling out, flocculation etc.). Avoid complex tank mixtures of several products or very concentrated spray mixtures.

The mixing sequence recommended is: water soluble bags, dry flowable or water dispersible granules, wettable powders, water based suspension concentrates, water soluble concentrates (e.g. Albaugh Durango™ 360 Herbicide), oil based suspension concentrates, emulsifiable concentrates, adjuvants and surfactants, soluble fertilisers.

APPLICATION

Albaugh Durango™ 360 Herbicide is a non-selective translocated herbicide. Direct spray contact, or even slight drift, may cause severe injury or destruction of any growing crop or other desirable plants including trees.

Avoid Drift: **DO NOT** use when breeze is blowing toward nearby desirable plants. **DO NOT** use with spraying equipment or under meteorological conditions which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. Equipment settings which produce fine droplets (150 microns or less), winds over 8 km/hr, inversion conditions, still air and hot dry days all contribute to drift.

Ground application

Apply as a blanket spray. Droplet VMD should be of coarse spray quality according to ASAE S572 definition for standard nozzles. Ensure thorough spray coverage on the foliage, using appropriate fan nozzles. Apply in a minimum spray volume of 75 L/ha and keep the boom low to avoid spray drift. A minimum spray pressure of 275 kPa (40 psi) should be used with fan nozzles. Higher pressure reduces droplet size, DOES NOT improve canopy penetration and may increase drift potential. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.

APPLICATION CHECKLIST

- **DO NOT** treat weeds under poor growing or dormant conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts) as reduced weed control may result. Reduced efficacy may also occur when treating weeds heavily covered with dust or silt.
- **DO NOT** add additional surfactant, or mix with any other agricultural chemicals, herbicide oils, or any other materials except as specifically directed on this label.
- Rainfall occurring up to 6 hours after application may reduce effectiveness. Heavy rainfall within 2 hours after application may wash the chemical off the foliage & a repeat treatment may be required.
- **DO NOT** disturb treated weeds for one day after treatment of annual weeds and 7 days for perennial weeds, to ensure herbicide absorption.
- Delay treatment of plants wet with dew or rain if water droplets run-off when plants are disturbed.

EQUIPMENT MAINTENANCE & USAGE

Spray solutions of Albaugh Durango™ 360 Herbicide should be mixed, stored & applied only in stainless steel, aluminium, brass, copper, fibreglass or plastic or plastic-lined containers. Albaugh Durango™ 360 Herbicide or spray solutions of this product, react with galvanised steel or unlined steel (except stainless steel) containers and tanks, to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture can flash or explode if ignited by open flame spark, welder's torch or other ignition source. Spray tank, pumps, lines & nozzles should be thoroughly rinsed with clean water following application to prevent extensive corrosion.