



PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR THE CONTROL OF GRASS AND BROADLEAF WEEDS IN
SPINACH, SILVERBEET, SPRING ONIONS, SHALLOTS,
GREEN BEANS & NAVY BEANS.**

PERMIT NUMBER – PER13626

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 23 JULY 2012 TO 30 JUNE 2022.

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LTD
Level 8, 1 Chifley Square
SYDNEY NSW 2000

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

DUAL GOLD HERBICIDE
PLUS OTHER REGISTERED PRODUCTS
Containing: 960 g/L S-METOLACHLOR as their only active constituent.

4FARMERS METOLACHLOR 720 HERBICIDE
PLUS OTHER REGISTERED PRODUCTS
Containing: 720 g/L METOLACHLOR as their only active constituent.

Directions for use:

Crop	Target weed	Product & rate		States	Withholding Period	Critical Use Comments
		Dual Gold (containing 960 g/L S-Metolachlor)	Metolachlor products (containing 720 g/L Metolachlor)			
SPINACH & SILVERBEET	VARIOUS BROADLEAF AND GRASS WEEDS, as per the product label.	1.5 – 2.0 L/ha	3 - 4 L/ha	ACT, NSW, QLD, SA, TAS, NT & WA ONLY	<p><u>HARVEST:</u> NOT REQUIRED WHEN USED AS DIRECTED.</p> <p><u>GRAZING STOCKFEED:</u> DO NOT GRAZE OR USE FOR STOCKFEED (e.g failed crop) FOR 56 DAYS AFTER APPLICATION</p>	<ul style="list-style-type: none"> Apply with a boom spray, in a minimum of 60 L-water/ha; Apply immediately before, at or immediately after sowing; If transplanting the crop, apply immediately before transplanting. DO NOT apply herbicide over the transplants; Crop retardation may occur where the herbicide is used on soils that have low organic matter content & which contain more than 60% of fine sand & silt. On these soil types, use rates towards the low end of the rate range, and apply to moist soil. Irrigation after application on these types of soils should be limited to no more than 25 mm. Also, on these soils, DO NOT use more than once per year (as on product label for brassicas); For other relevant instructions, see Broccoli (etc) section of Directions for Use table on product label.
SPRING ONIONS (<i>Allium fistulosum</i>) & SHALLOTS (<i>Allium cepa</i> . var. <i>aggregatum</i>)		1 L/ha	2 L/ha	ACT, NSW, QLD, SA, TAS, NT & WA ONLY	<p><u>HARVEST:</u> NOT REQUIRED WHEN USED AS DIRECTED.</p>	<ul style="list-style-type: none"> DIRECT SEEDED CROPS: Apply one application before, at or immediately after planting and before crops and weeds have germinated; TRANSPLANTED CROPS: Apply one application before planting and before weeds have germinated.

Directions for use (Continued):

Crop	Target weed	Product & rate		States	Withholding Period	Critical Use Comments
		Dual Gold (containing 960 g/L S-Metolachlor)	Metolachlor products (containing 720 g/L Metolachlor)			
GREEN BEANS & NAVY BEANS	VARIOUS BROADLEAF AND GRASS WEEDS, as per the product label.	1.5 – 2.0 L/ha	3 - 4 L/ha	ACT, TAS, NT, WA ONLY	<p><u>HARVEST:</u> DO NOT HARVEST FOR AT LEAST 8 WEEKS AFTER APPLICATION.</p> <p><u>GRAZING STOCKFEED:</u> DO NOT GRAZE OR USE FOR STOCKFEED (e.g failed crop) FOR AT LEAST 10 WEEKS AFTER APPLICATION.</p>	<ul style="list-style-type: none"> • Apply before, at, or immediately after planting and before crops and weeds have germinated; • Use the lower rates in soils with high sand and silt content or low in organic matter; • Rain or irrigation is necessary within 10 days of spraying to thoroughly wet the top 3 to 4 cm of soil. If rain does not occur or irrigation is unavailable incorporate chemical to a depth of 3 to 4 cm; • DO NOT throw untreated soil onto treated areas, as this will reduce weed control; • DO NOT USE ON SOILS WHERE THE SAND CONTENT EXCEEDS 70%. USE LOWER RATE WHERE THE SAND CONTENT IS WITHIN THE RANGE 50% TO 70%.

Jurisdiction (States*):

ACT, NSW, QLD, SA, TAS, NT & WA ONLY.

(Note: Victoria is not included in this permit because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use in VIC).

Additional Conditions (all uses in this permit):

THIS PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

PERSONS who wish to prepare for use and/or use the products for the purposes specified in this permit must read, or have read to them, the permit particularly the information included in DETAILS OF PERMIT and CONDITIONS OF PERMIT.

TO AVOID CROP DAMAGE:

As metolachlor is known to cause some crop damage in sandy-sandy loam soils with low organic matter, it is recommended that growers test the safety of metolachlor on a small area of their crop before using the product on larger areas. If any adverse crop symptoms are observed within 14 days of application in which irrigation or rainfall has occurred, then the product should not be used.

Export of treated produce. To allow produce from treated plants to be supplied or otherwise made available for consumption the APVMA has established the following Maximum Residue Limits (MRLs) for metolachlor:

- Spinach & Silverbeet at T*0.01 mg/kg

These limits apply only to produce marketed and consumed in Australia. Therefore if treated produce is to be exported due account should be taken of the residue definition and residue limits/import tolerances of importing countries and that any residues must not exceed those requirements of the importing country.

Issued by the Australian Pesticides and Veterinary Medicines Authority.

Note: 8 February 2017; permit updated to extend expiry date until 30 June 2022 and permit holder change from Queensland Fruit and Vegetable Growers Ltd to Horticulture Innovation Australia Ltd, permit issued as Version 2.