

Company Name: BASF AUSTRALIA LTD.
Product Name: OUTLOOK HERBICIDE
APVMA Approval No: 65695/102542



Label Name:	OUTLOOK HERBICIDE
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	720 g/L DIMETHENAMID-P
Mode of Action:	GROUP K HERBICIDE
Statement of Claims:	A pre-emergent herbicide for the control of certain broadleaf and grass weeds in the rotational crops of field peas, lupins, chickpeas, green beans, navy beans, sweet corn, corn, green peas, pumpkins and kabocha and post-emergent control of various weeds in poppies as specified in the DIRECTIONS FOR USE table.
Net Contents:	110L 20L 10L 5L
Restraints:	DO NOT apply through aircraft or irrigation equipment. DO NOT apply if heavy rain is expected within 48 hours. After spraying, DO NOT irrigate to the point of run-off within 48 hours of application. DO NOT apply to areas that may be prone to waterlogging.
Directions for Use:	This section contains file attachment. File Name: Outlook Herbicide_65695_Directions For Use Table.docx File Size: 16246 bytes
Other Limitations:	SPRAY DRIFT RESTRAINTS

	<p>DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.</p> <p>DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.</p> <p>DO NOT apply during surface temperature inversion conditions at the application site.</p> <p>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.)</p> <p>MANDATORY NO-SPRAY ZONES</p> <p>DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 100 metres downwind from the application area.</p> <p>DO NOT apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat within 50 metres downwind from the application area.</p>
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Withholding Periods:	<p>GRAZING:</p> <p>FIELD PEAS, LUPINS, CHICKPEAS: DO NOT GRAZE OR CUT FOR STOCKFEED FOR 15 WEEKS AFTER APPLICATION.</p> <p>GREEN BEANS, NAVY BEANS, GREEN PEAS, CORN, SWEET CORN, PUMPKINS, KABOCHA: DO NOT GRAZE OR CUT FOR STOCKFEED FOR 4 WEEKS AFTER APPLICATION.</p> <p>HARVEST:</p> <p>FIELD PEAS, LUPINS, CHICKPEAS, GREEN BEANS, NAVY BEANS, GREEN PEAS, CORN, SWEET CORN, PUMPKINS, KABOCHA: NOT REQUIRED WHEN USED AS DIRECTED.</p> <p>POPPIES: DO NOT HARVEST FOR 100 DAYS AFTER APPLICATION.</p>
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>OUTLOOK is a selective pre-emergent herbicide for the management of certain broadleaf and grass weeds in field peas, chickpeas and lupins, green beans, navy beans, sweet corn, corn, green peas, pumpkins and kabocha. OUTLOOK is also a selective post-emergent herbicide for management of various weeds in poppies. OUTLOOK manages susceptible germinating seedlings before or soon after they emerge. OUTLOOK will not control emerged weeds except cotyledon to two leaf pinkweed (fumitory) in 2 to 6 leaf poppy crops. OUTLOOK will be most effective when incorporated by rainfall before weeds germinate. Reduced weed control may occur if there is insufficient soil surface moisture.</p> <p>MIXING</p> <p>Add the required amount of herbicide directly to the partly filled spray tank with agitation running. Complete filling and maintain agitation until spraying is complete.</p> <p>APPLICATION</p> <p>DO NOT apply by aircraft. GREEN BEANS, NAVY BEANS, GREEN PEAS, CORN, SWEET CORN, PUMPKINS, KABOCHA, POPPIES: Apply OUTLOOK in 200 to 300 L/</p>
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	<p>ha of water as MEDIUM spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.</p> <p>FIELD PEAS, LUPINS, CHICKPEAS: Apply OUTLOOK in 70 to 120 L/ha of water as MEDIUM to COARSE spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline. Incorporation by Sowing (IBS) with knife or blade points. Use press wheels to avoid dragging treated soil back into the seed furrow. Maintain slow to moderate speed to ensure that soil throw is not into adjacent furrows. Note a. Knife or blade point systems can result in poor weed control in the seed furrow as chemical displacement from this zone occurs. b. A Knife or blade point is 12mm or less, has no wings, inverted T or blade, and is generally placed on a minimum 8 inch (20 cm) tyne spacing. c. DO NOT use with disc openers/planting equipment.</p> <p>EQUIPMENT CLEAN-UP Clean application equipment thoroughly using a strong detergent or tank cleaner. Rinse equipment thoroughly before re-use.</p> <p>COMPATIBILITY OUTLOOK is compatible with Stomp® Herbicides and RoundupTM1 Herbicides as well as trifluralin, triallate, simazine, atrazine, paraquat, and diquat formulations..</p>
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Resistance Warning:	<p>OUTLOOK Herbicide is a member of the amide group of herbicides. The product has the herbicides with diverse sites of action mode of action. For weed resistance management, the product is a Group K herbicide. Some naturally occurring weed biotypes resistant to the product and other amide 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 this product or other amide herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, BASF Australia Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.</p>
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Precautions:	<p>Plantback/recropping Intervals: DO NOT transplant brassicas, plant potatoes or sow crops other than field peas, lupins, chick peas, green beans, kabocha, green peas, pumpkins, corn and sweet corn within 6 months of application of OUTLOOK. DO NOT sow carrots or pyrethrum within 12 months of application of OUTLOOK.</p> <p>RE ENTRY DO NOT allow entry into treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each days use.</p>
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.</p> <p>CROP SAFETY FIELD PEAS, LUPINS, CHICKPEAS: Crop safety is maximised by physical separation of OUTLOOK herbicide and the emerging crop. This is achieved by the knifepoint/presswheel seeding system placing the herbicide in the interrow area. OUTLOOK is a soluble herbicide therefore heavy rainfall after seeding may wash the herbicide in the seed row and potentially cause crop damage GREEN BEANS, NAVY BEANS, GREEN PEAS, CORN, SWEET CORN, PUMPKINS, KABOCHA, POPPIES: Injury to green beans, kabocha, green peas, pumpkins, corn and sweet corn may occur at label rates on soils with very low cation exchange capacity (CEC). Soils containing low levels of clay and organic matter normally have a low CEC. Do NOT apply to green beans,</p>
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	<p>kabocha, green peas, pumpkins, corn or sweet corn crops grown on soils with a cation exchange capacity (CEC) of less than 5 meq / 100g (or cmol / kg) OR soils with a clay content of less than 10 % AND organic carbon content of less than 2%.</p> <p>Before treating large areas of new plant varieties with OUTLOOK, treat a small area first and determine the level of tolerance to OUTLOOK at the applied rate.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers. DO NOT apply if heavy rain is expected within 48 hours. DO NOT irrigate to the point of run-off within 48 hours of application.</p> <p>This section contains file attachment. File Name: Outlook Herbicide_65695_Soil CEC Table.docx File Size: 12449 bytes</p>
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Storage and Disposal:	<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, break, crush, or puncture and deliver empty packaging for appropriate disposal 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.</p>
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Safety Directions:	<p>SAFETY DIRECTIONS Harmful if swallowed. Will irritate the eyes. May irritate the skin. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and faceshield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length PVC gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.</p>
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First Aid Instructions:	<p>FIRST AID If poisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 131126. If swallowed DO NOT induce vomiting. Give a glass of water.</p>
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First Aid Warnings:	
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CROP	WEEDS CONTROLLED (PRE-EMERGENCE)	RATE PER HA	CRITICAL COMMENTS
Field peas, lupins, chickpeas	Annual ryegrass (<i>Lolium rigidum</i>) Control in low weed populations only and Suppression in higher weed populations (See critical comments).	1.0 L	<p>OUTLOOK has demonstrated annual ryegrass control in low weed populations only (<100 plants/m²) – use in higher weed populations will only yield suppression. Apply as late as possible before sowing and sow with a knifepoint and press-wheel seeder, before weeds germinate. Weeds that have emerged or that emerge soon after application are unlikely to be controlled. A post-emergent herbicide treatment that offers control of annual ryegrass may be needed to control escapes and late germinations of annual ryegrass.</p> <p>Maintain slow to moderate speed of sowing to ensure that soil throw is not into adjacent furrows.</p> <p>Apply to moist soil if possible. If applied to dry soil, rain must follow within 7 days for best results.</p> <p>OUTLOOK is mainly absorbed by the emerging shoot (coleoptile). OUTLOOK must be present in the top soil layer as the weeds germinate so that the coleoptiles pass through treated soil.</p> <p>Tank mixes with either Stomp, trifluralin, triallate, simazine or atrazine may aid in reducing ryegrass plant numbers, especially where populations are high (>100 plants/m²) Application to crop trash covering the soil surface may lead to reduced control.</p> <p>Growers are advised to send ryegrass seed samples for resistance testing before using this product and/or formulating a weed management strategy – knowledge of the resistance status of paddocks where this product is to be used is critical.</p> <p>Weed management strategies should include multiple control measures. The use of herbicides is but one of these practices. Failure to do so may increase the potential for resistant populations to develop.</p>
	POST-EMERGENCE		
Poppies (2 – 6 leaf stage)	Pinkweed / Fumitory (<i>Fumaria</i> spp) Cotyledon to 2 leaf stage	1.4 L	<p>Apply OUTLOOK when the pinkweed is at the cotyledon to 2 leaf stages and the crop is at the early 2 leaf to 6 leaf stages. A follow-up spray of Starane™ must be applied within 15 days for complete control of pinkweed. For improved post-emergent control of other weeds, such as hogweed (<i>Polygonum aviculare</i>), fat hen (<i>Chenopodium album</i>) and blackberry nightshade (<i>Solanum nigrum</i>), Command™ Herbicide should be tank mixed with OUTLOOK. Do NOT tank mix OUTLOOK with Brodal™.</p>

CROP	WEEDS CONTROLLED	RATE PER HA	CRITICAL COMMENTS
	PRE-EMERGENCE		
Sweet Corn, Corn (Maize), Green Beans, Navy Beans, Green Peas, Pumpkins, Kabocha	Toad Rush (<i>Juncus bufonius</i>)	150 to 200 mL	Apply at or immediately after sowing and before crops and weeds emerge. Apply to moist soil. Rain or irrigation following application is desirable. Use rates toward the higher end of the range where longer residual control is required.
	Crowsfoot Grass (<i>Eleusine indica</i>)	500 mL to 1.0 L	OUTLOOK is mainly absorbed by the emerging shoot (coleoptile). OUTLOOK must be present in the top soil layer as the weeds germinate and the coleoptiles pass through the treated soil layer. Apply at or immediately after sowing and preferably before crops and weeds germinate. Emerged, or soon to emerge, weeds present at the time of application are unlikely to be controlled. Delays in applying OUTLOOK after sowing, particularly if irrigation or rain moistens soil and initiates germination before the application of OUTLOOK, will lead to reduced control. Apply to moist soil if possible. If applied to dry soil, irrigation or rain must follow soon after application for best results. Irrigation or rain is required within 7 days after application. OUTLOOK is best applied to freshly prepared soil with fine tilth and as soon as possible after sowing. Use the lower rate on light textured, low organic matter, low CEC soils and the higher rate on heavier textured soils as per the tables below. Refer to CROP SAFETY section. OUTLOOK can be used on trickle irrigated fields if rain or overhead irrigation follows application or the trickle irrigation sufficiently moistens the soil surface. Untreated soil thrown onto treated areas will reduce weed control. Do not disturb the OUTLOOK treated soil layer as this may lead to weed emergence. Application to crop trash covering the soil surface may lead to reduced control. Do not use on soil in which crops will be transplanted nor over already transplanted crops.
	Wild Hops / Apple of Peru (<i>Nicandra physaloides</i>) Summer Grass (<i>Digitaria ciliaris</i>) Barnyard Grass (<i>Echinochloa crus-galli</i>)	700 mL to 1.0 L	
	(<i>Amaranthus</i> spp.) Fat Hen (<i>Chenopodium album</i>) Blackberry Nightshade (<i>Solanum nigrum</i>) Giant or Black Pigweed (<i>Trianthema portulacastrum</i>) Sow or Milk Thistle (<i>Sonchus oleraceus</i>) Brazilian White-eye (<i>Richardia brasiliensis</i>) Shepherd's Purse (<i>Capsella bursa-pastoris</i>) Suppression of; Ryegrass (<i>Lolium</i> spp.) Subterranean Clover (<i>Trifolium subterraneum</i>) White Clover	1.0 L	

	(Trifolium repens) Pigweed (Portulaca oleracea) Pale Pigeon Grass (Setaria glauca) Stonecrop (Crassula sieberiana) Scrambling Speedwell (Veronica persica) Pennyroyal (Mentha pulegium) Bittercress (Coronopus didymus)		
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**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER, CONTRARY TO THIS LABEL
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

CEC (meq/100 g or cmol/kg)	OUTLOOK Rate
<5	Do not use OUTLOOK
5-9	500 to 700 mL/ha
9-14	700 mL to 1.0 L/ha
>14	1.0 L/ha

Soil Texture	Clay Content	Organic Carbon Content	
		<2%	>2%
Sand, Loamy Sand, Silt	<10%	Do not use OUTLOOK	500 - 700 mL/ha
Loam, Sandy Loam, Silt Loam	10-15%	500 - 700 mL/ha	700 mL – 1 L/ha
Sandy Clay Loam, Clay Loam, Silt Clay Loam, Silty Clay, Sandy Clay, Clay	>15%	1 L/ha	1 L/ha