DIRECTIONS FOR USE

Restraints:

DO NOT treat weeds that are not actively growing or are growing under stress. Under such circumstances the biological processes of the weeds slow down and

APPARENT IDOL 250 WG HERBICIDE transport in the weed can be drastically reduced, resulting in an incomplete kill or suppression only of the weeds. DO NOT apply to crops or weeds which are suffering moisture stress (waterlogged or drought affected), insect, disease or nutritional disorders, under conditions of

prolonged high temperatures or frost affected (or if frosts are imminent) or stress from previous herbicide or foliar fertiliser treatment.

DO NOT apply to annual grass weeds after mid-tillering. DO NOT apply at flowering stage of weeds. DO NOT apply at flowering stage of crop.

			otago	01	
DIRECTIONS	FUR	USE			

WEED STAGE STATE CROP WEEDS CONTROLLED RATE/ha CRITICAL COMMENTS Chickpeas. Faba Always apply with paraffinic oil at 1L/100L of spray solution Annual ryegrass (*Lolium rigidum*) 2 leaf to early 80 - 180g tillering Zadoks For aerial application, apply paraffinic oil at 1L/ha. beans, Field peas Barley grass (*Hordeum* spp.) states Lentils, Linseed, Wild oats (Avena spp.) 12-23 Use the lower rates for younger weeds growing actively under Lucerne, Lupins, ideal conditions. Vetches (Vicia Use the higher rates for weeds that are: spp.), White and - predominantly at early tillering, or Subterranean Clover present in dense populations, or and Medic pastures growing in poor growing conditions, or where weed resistance to Group A herbicides is suspected. Due to extreme variations in cross resistance present in annual ryegrass populations there is no guarantee APPARENT IDOL 250 WG Herbicide will always provide consistently high levels of control but trials have shown higher rates may be expected to perform better than lower rates. Always apply with paraffinic oil at 1L/100L of spray solution. 80 - 180g Annual ryegrass (Lolium rigidum) For aerial application, apply paraffinic oil at 1L/ha. together with any of the following # plus an effective rate of APPARENT IDOL 250 WG Herbicide has good activity on grasses: Annual phalaris (Phalaris spp.) Barley a fop herbicide barley grass and wild oats but is weaker on brome grass and grass (*Hordeum* spp.) Brome grass containing volunteer cereals. The addition of a partner fop herbicide (Bromus spp.) Volunteer cereals fluazifop, (eg. APPARENT HALOXYFOP 520 HERBICIDE) is generally Wheat (Triticum aestivum) haloxyfop, recommended where any of these other weeds occur together propaquizafop with annual ryegrass. Use the partner at the lower end of the Barley (Hordeum vulgare) or quizalofop range recommended for the particular grass weed. Guidance Oats (Avena sativa) Triticale (x Triticosecale) can also be obtained from labelled tank mixes of the partner nerbicide with other dim herbicides Wild oats (Avena spp.) Always apply with paraffinic oil at 1L/100L of spray solution. Canola Annual ryegrass (*Lolium rigidum*) 2 leaf to early All 80g (conventional, TT, together with any of the following tillering Zadoks States # plus an For aerial application, apply paraffinic oil at 1L/ha. "IMI" varieties) 12-23 effective rate of Warning: Canola can be sensitive to APPARENT IDOL 250 orasses: Annual phalaris (Phalaris spp.) Barley a fop herbicide |WG Herbicide. DO NOT use more than 80g/ha on canola. grass (Hordeum spp.) Brome grass To minimise risk of crop damage, do not apply to any variety containing (Bromus spp.) Volunteer cereals fluazifop, before the majority of plants (80%) are at the true 4 leaf Wheat (Triticum aestivum) haloxyfop. stage (4th leaf expanded, 5th leaf emerging). Apply no later Barley (Hordeum vulgare) propaquizafop than the end of leaf development (Stage 1*) and prior to the Oats (Avena sativa) or quizalofop commencement of stem elongation (Stage 3*). Refer to Crop Triticale (x Triticosecale) Safety section. Wild oats (Avena spp.) Under certain conditions, all varieties may exhibit leaf symptoms and/or reduced early competitiveness. If this occurs, canola yield may be reduced. Avoid spraying stressed crops as crops growing under stress will show slower recovery. Avoid spraying practices that lead to over application such as double overlap, and spraying out corners APPARENT IDOL 250 WG Herbicide has good activity on barley grass and wild oats but is weaker on brome grass and

Lucerne, Mung	Echinochloa species	2 leaf to early	Qld,	120g or 180g	Always apply with paraffinic oil at 1L/100L of spray solution.
beans, Navy beans,	- Awnless barnyard grass (E. colona)	tillering Zadoks	NSW,		For aerial application, apply paraffinic oil at 1L/ha.
Peanuts, Soybeans	- Barnyard grass (E. crus-galli)	12-23	Vic		Use the lower rate for the control of seedling grasses at the
	- Japanese millet (E. utilis)		& NT		pre-tillering growth stage and growing under good condition
-	Digitaria species		only		Use the higher rate for control of grasses at the early tillering
Cotton	- Crab grass (D. sanguinalis)		Qld &		(2 to 3 tillers) growth stage.
	- Summer grass (D. ciliaris)		NSW		Aerial application: - see Spraying Instructions.
0 (1	Chloris species		only		
Sunflowers	- Feather top Rhodes grass		Qld,		
	(C. virgata)		NSW & Vic		
	- Windmill grass (C. truncate)		only		
	Setaria species		OIIIY		
	- Dwarf setaria (S. italica)				
	- Whorled pigeon grass (S.				
	verticillate)				
	Brachiaria species				
	- Green summer grass				
	(B. subquadripara)				
	- Velvet grass (B. windersii)				
	Volunteer Crops				
	- Maize (Zea mays)				
	- Sorghum (Sorghum bicolour)				
	Crowsfoot grass (Eleusine indica),				
	Dinebra (<i>Dinebra reflexa</i>), Early spring				
	grass (Eriochloa pseudoacrotricha),				
	Johnson grass (Sorghum halepense)				
	(seedling), Liverseed grass (Urochloa				
	panicoides), Spiny burr grass				
	(Cenchrus incertus)				
	Eragrostis species	2 leaf to 5 leaf		120g	Always apply with paraffinic oil at 1L/100L of spray solution
	- Elastic grass (E. tenuifolia)	but prior to			For aerial application, apply paraffinic oil at 1L/ha.
	- Mexican love grass (E. mexicana)	tillering			For the control of pre-tillering grasses only. Do not apply to
	- Stink grass (E. cilianensis)				tillered grasses.
	Volunteer cereals	2 leaf to early		180g	Always apply with paraffinic oil at 1L/100L of spray solution
	- Wheat (Triticum aestivum)	tillering Zadoks			For aerial application, apply paraffinic oil at 1L/ha.
	- Barley (<i>Hordeum vulgare</i>)	12-22, prior to			For the control of grasses from 2 leaf to early tillering only
		stem elongation			(max. 2 tillers), prior to stem elongation or booting.
	Other Grasses	2 leaf to 5 leaf		180g	Always apply with paraffinic oil at 1L/100L of spray solution
	Coast button grass (Dactyloctenium	but prior to			For aerial application, apply paraffinic oil at 1L/ha.
	<i>aegyptium</i>), Grader grass (<i>Themeda quadrivalvis</i>)	tillering			Use for suppression only of pre-tillered grasses. Do not app to tillered weeds.

WEED STAGE STATE RATE/ha CRITICAL COMMENTS

WITHHOLDING PERIOD PRIOR TO HARVEST NOT REQUIRED WHEN USED AS DIRECTED

PUISes: APPARENT MANCOZEB 750 DF FUNGICIDE, APPARENT

DECIMATOR 400 INSECTICIDE, insecticides containing methidathion

INSECTICIDE, Le-mat, RPPARENT PIRIMICARB 500 WG APHICIDE, APPARENT

Pulses, canola, pasture: brunds, lmidan (phosmet), APPARENT MIYAGI 250

HERBICIDE, herbicides containing fluasifop, propaduizatop or quizalotop

HERBICIDE, APPRRUT BEAMER HERBICIDE, APPRREUT HALOXYFOP

HERBICIDE, APPARENT MCPA 570 LVE HERBICIDE (max rate 0.5 L/ha;

APPRRENT BROADBLADE HERBICIDE, APPRRENT BROMOXYNIL 200

Pasture, clover based (not brome grass):

520 HERBICIDE, Clethodim 240 Herbicide, APPARENT SIMAZINE 900 WG

SOME CLOVER VIGOUR REALED AND APPARENT PANTARY SELECTIVE

otopicity and herbicides containing fluazitop, propadulzatop, quizalotop

HALOXYFOP 520 HERBICIDE, Clethodim 240 Herbicide (maximum rate of

WG HERBICIDE, APPARENT CLOPYRALID 300 HERBICIDE, APPARENT

APPRRENT ATRAZINE 900 WG HERBICIDE, APPRRENT SIMAZINE 900

Sunflowers, Vetches: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION

PROCYMIDONE 500 FUNGICIDE

compatible Fungicides:

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or situation.

Compatible Herbicides:

Cotton: DO NOT GRAZE OR CUT FOR STOCKFEED. DO NOT FEED COTTON TRASH TO LIVESTOCK

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

Canola, Chickpeas, Clover, Faba beans, Field peas, Lentils, Linseed, Lucerne, Lupins, Medics, Mung beans, Navy beans, Peanuts, Soybeans,

CROP

WEEDS CONTROLLED

Note: Does NOT control winter grass (Poa annua), Silver grass (Vulpia spp.), Nutsedge (Cyperus spp.) and broadleaf weeds

WITHHOLDING PERIODS

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NOT burn empty containers or product.

www.apparent.com.au

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SNOITCIAN DIRECTIONS

DIA T2817

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Australia 131 126, New Zealand 0800 764 766.

Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit:

sheet for APPARENT IDOL 250 WG Herbicide is available from AIRA Apparent

Additional information is listed in the safety data sheet (SDS). A safety data

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone

soap and water. After each days use, wash gloves, goggles and contaminated

goggles. If product in eyes, wash it out immediately with water. After use and

buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and

skin. Avoid inhaling dust. When preparing product for use wear cotton overalls

compliance with relevant local, state or territory government regulations. DO

tor this purpose, clear of waterways, desirable vegetation and tree roots, in

promissing the surface in a disposal pit specifically marked and set up

approved waste management facility is not available, bury the empty packaging

and deliver empty packaging to an approved waste management facility. It an

store for prolonged periods in direct sunlight. Single-rinse or shake remainder

Store in the closed, original container in a cool, well-ventilated area. DO NOT

into spray tank. DO NOT dispose of undiluted chemicals on site. Puncture

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and

before eating, drinking or smoking, wash hands, arms and face thoroughly with

streams with the chemical or used containers Highly toxic to algae and aquatic plants. DO NOT contaminate dams, rivers or

ENVIRONMENT PROTECTION OF WILDLIFE, FISH, CRUSTECENS AND

500 INSECTICIDE (reduced grass weed control); APPARENT DIFLUFENICAN OPPRARENT IDOL 250 WG HERBICIDE is not compatible with APPRARIAT DINGO Pulses, canola, pasture: EDTA chelates of Cu, Mn, Zn; sulphates of Cu, Mn, Zn

volunteer cereals. The addition of a partner fop herbicide

(eg. APPARENT HALOXYFOP 520 HERBICIDE) is generally

recommended where any of these other weeds occur together

with annual ryegrass. Use the partner at the lower end of the

range recommended for the particular grass weed. Guidance

can also be obtained from labelled tank mixes of the partner

APPARENT IDOL 250 WG HERBICIDE.

variability in any weed population.

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reference to an AIRA Apparent representative.

Resistant Weeds Warning

resistant weeds

herbicide with other dim herbicides

pastures. DO NOT plant cereal crops for a period of 4 weeks after application of

DO NOT apply under weather conditions or from spraying equipment which may

РВОТЕСТІОИ ОГ СВОРЗ, ИАТІУЕ АИД ОТНЕЯ ИОИ-ТАРСЕТ РLANTS

liability for any losses that may result from the failure of this product to control

by this product or other Group A herbicides. Since the occurrence of resistant

herbicides are used repeatedly. These resistant weeds will not be controlled

the product and other Group A herbicides may exist through normal genetic

is a Group A herbicide. Some naturally occurring weed biotypes resistant to

carboxylase mode of action. For weed resistance management, the product

APPRENT IDOL 250 WG HERBICIDE is a member of the Cyclohexanedione

compatibility. Do not tank mix with other products or trace elements without

spraying Oil with more than one of the above products without doing a Jar test

beforehand. However, physical compatibility does not guarantee biological

Do not tank mix APPARENT IDOL 250 WG HERBICIDE plus Paraffinic

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(DIM) group of herbicides. The product has the inhibitors of acetyl CoA

The resistant individuals can eventually dominate the weed population if these

weeds is difficult to detect prior to use, AIRR Apparent Pty Ltd accepts no

cause spray to drift onto nearby susceptible plants/crops, cropping lands or

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NOL 250 WG HERBICIDE 3 alone Perforn TVBAAAA mont should be within 10% of the state of the sta Oil. Compatibility is defined as acceptable physical mixing, nil or generally tests with APPARENT IDOL 250 WG HERBICIDE plus 0.5% Paraffinic Spraying

partner product for rates and any specific guidelines and restraints for the crop

weed growin stages are according to the label. Always refer to the label of the

if the maximum rate of APPARENT IDOL 250 WG HERBICIDE is used and the

for type of plane and application unit. Weed control following aerial application (ASAE S572 standard) and swath width should not be wider than recommended aue to more reliable results. Spray quality should be MEDIUM to CORRSE units in 20-30L of water per hectare. The use of the higher volume is preferred

.900 HERBICIDE ADJUVANT @ 2.0 % v/v may assist to ameliorate this issue.

TAH9UC MUINOMMA EDARD YAR9C TUERARA to notitible shtt; bezu pried

50 ppm have been demonstrated to reduce the efficacy of 'Dim' herbicides such

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YT37A2 90A3

the spring types grown in Australia).

or the formation of side shoots has commenced.

Sprayer cleanup or decontamination

Avoid the use of water containing high levels of bicarbonates. Levels greater than

 $50\,\mathrm{Mer}$ of Markov to the growth of many of 0.01 Mer

decimal code for growth stages of crops and weeds". Ann. Appl. Biol. 119 (3):

* Refers to BBCH growth guides from - Lancashire et al (1991). "A uniform

young plants and expose the young growth point to determine if floral initiation

as early as the 4 leaf stage. To determine if Stage 3 has commenced, dissect

the environmental conditions. Under dry, hostile conditions, Stage 1 can finish

exteuziou (213de 3.) or side shoot development (513de 2.) varies depending on

The progression of Canola plants beyond leaf development (Stage 1*) to Stem

TNARARICIDE, APPARENT BAYONET 750 WG HERBICIDE of APPARENT

rield peas, lupins, lucerne, clover etc.) thorougnly remove all traces of SU

Before spraying sensitive crops (which include canola, chickpeas, faba beans,

DROWS TNERARGE SUCH AS WOR SOU HERBICIDE, APPRRAT SWORD

immediately after use as recommended on the label for that herbicide.

CARFENTRAZONE 400 HERBICIDE from mixing and spray equipment

as APPARENT IDOL 250 WG HERBICIDE. Where water containing bicarbonates is

CONDITIONS OF SALE:

AIRR Apparent Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on AIRR Apparent's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of AIRR Apparent Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Harmful if swallowed. Causes skin irritation. Suspected of damaging fertility or the unborn child. Very toxic to aquatic life with long lasting effects. Precautionary: Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Specific treatment (see on this label). IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/ attention. Rinse mouth. IF ON SKIN: Wash with plenty of water. Collect spillage. Take off contaminated clothing and wash it before reuse. Store locked up. Dispose of contents/container in accordance with local/ regional/national regulations.

CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING Apparent^{_} 1

Idol 250 WG

HERBICIDE

ACTIVE CONSTITUENT: 250 g/kg BUTROXYDIM

GROUP A HERBICIDE

For the control of certain grasses in a range of broadacre crops according to the Directions For Use. IMPORTANT: Read this leaflet before use

APVMA Approval No: 88786/122255 AIRR APPARENT Pty Ltd 15/16 Princes Street, Newport NSW 2106 P 03 5820 8400 | E enquiries@apparentag.com.au www.apparentag.com.au

GENERAL INSTRUCTIONS Stress conditions

Moisture stress is a particular problem, whether caused by drought or short term stresses, resulting from a combination of high temperatures and low humidity or by prior use of pre-emergence herbicides resulting in stunted root growth of weeds. An irrigation or effective rainfall must occur immediately before or after spraying if these conditions exist. Other stress conditions to avoid include use of pre-emergence herbicides resulting in stunted root growth of weeds. frost, waterlogging and extended cold conditions. Do not spray if any stress conditions are evident just prior to application.

Mixina

Add the required amount of APPARENT IDOL 250 WG HERBICIDE (see table) directly to the spray tank which should be 50% full with clean water. After the product is fully dispersed, complete filling the tank. The agitation system should be running during mixing and spraying. If agitation ceases and settling occurs, resuspend contents thoroughly before spraying. Ensure that all in-line strainer and nozzle screens in the sprayer are 100 mesh or coarser. Add any other product next.

An oil adjuvant is essential and should be added last to the spray tank. Paraffin oil at 1L/100L of water is the only recommended adjuvant for ground application. For aerial application, use Paraffin oil at 1L/ha. Paraffin oil must be added to at least 10 times its volume of water especially where a suction (filling) probe is used. The area covered per measure pack will depend upon the application rate/ha according to the following table:

APPARENT	Hectares covered by								
IDOL 250 WG Herbicide Rate/ha	1 kg	2 kg	3 kg	4 kg	5 kg	10 kg			
80g	12.5	25	37.5	50	62.5	125			
100g	10	20	30	40	50	100			
150g	6.7	13.3	20.0	26.7	33.3	66.7			
180g	5.6	11.1	16.7	22.2	27.8	55.6			

Application

Time of application:

APPARENT IDOL 250 WG HERBICIDE is rainfast within 30 minutes. To obtain the maximum benefits of this product, weeds should be spraved when young and actively growing. Use the lower rates for grasses with up to 4 leaves. Use the higher rates for weeds up to mid-tillering.

Method of application:

Good spray coverage is essential for maximum results. Spray equipment must be checked and calibrated accurately prior to application.

Ground application: Check height of boom above the target weeds to ensure the spray is evenly distributed and a double overlap pattern is obtained. An even distribution of droplets with a MEDIUM to COARSE spray droplet size according to nozzle manufacture specifications that refer to ASAE S572 Standard or the BCPC Guideline is recommended to maximise efficacy and minimise the likelihood of spray drift.

Water volumes per hectare will depend on nozzle selection and ground speed but should be in the range of 50-100L/ha. 100° flat fan nozzles are preferred for use with this product. Use higher volumes of spray to achieve better coverage of dense, vigorous weed infestations. A minimum water volume of 80L/ha is recommended where a COARSE spray quality is being used.

Aerial application: The product may be applied through boom or Micronair