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CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Apparent 

Swoosh 125 SC

FUNGICIDE

ACTIVE CONSTITUENT: 125g/L EPOXICONAZOLE

GROUP 3 FUNGICIDE

For the control of leaf rust, stripe rust, septoria nodorum blotch and powdery mildew of wheat, leaf rust, net form of net blotch, leaf scald and powdery mildew of barley as specified in the Directions for Use

IMPORTANT: Read this booklet before use.

APVMA Approval No: 67738/134810

AIRR APPARENT PTY LTD
15/16 Princes Street, Newport NSW 2106
P 03 5820 8400 | E enquiries@apparentag.com.au | www.apparentag.com.au

DIRECTIONS FOR USE

SPRAY DRIFT RESTRAINTS:

Specific definitions for terms used in this section of the label can be found at www.apvma.gov.au/spraydrift

DO NOT allow **bystanders** to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an **unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production**, or cause contamination of plant or livestock commodities, outside the application site from **spray drift**. The **buffer zone** in the buffer zone table below provides guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the **wind speed** is between 3 and 20 kilometres per hour at the **application site** during the time of application.

DO NOT apply if there are **hazardous surface temperature inversion** conditions present at the **application site** during the time of application. **Surface temperature inversion** conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

Table 1 – No-Spray Zones for Protection of the Aquatic Environment

FOR GROUND and AERIAL APPLICATION TO WHEAT AND BARLEY		
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone	
From 3-20 kilometres per hour	30 metres	
CROP	DISEASE	RATE
Wheat	Leaf Rust (<i>Puccinia recondita</i>)	500mL plus 200mL Apparent Wetter 1000 per 100L of spray mix
	Septoria nodorum blotch (<i>Septoria nodorum</i>)	
	Stripe Rust (<i>Puccinia striiformis</i>)	250 to 500mL plus 200 mL Apparent Wetter 1000 per 100L of spray mix
	Powdery Mildew (<i>Blumeria graminis</i> f.sp. <i>tritici</i>)	250mL plus 200mL Apparent Wetter 1000 per 100L of spray mix
Barley	Leaf Rust (<i>Puccinia hordei</i>)	250 to 500mL plus 200mL Apparent Wetter 1000 per 100L of spray mix
	Net form of Net Blotch (<i>Pyrenophora teres</i> f.sp. <i>teres</i>)	250 to 500mL plus 200mL Apparent Wetter 1000 per 100L of spray mix

DO NOT apply by a **boom sprayer** unless the following requirements are met:

- Minimum distances between the application site and downwind sensitive areas (see **'Mandatory buffer zone'** section) are observed.
 - Spray droplets not smaller than a **MEDIUM spray droplet size category**
- DO NOT apply by aircraft unless the following requirements are met:
- Spray droplets not smaller than a **MEDIUM spray droplet size category**.
 - For release heights 25% of wingspan or 25% of rotor diameter or lower above the target canopy, minimum distances between the **application site** and downwind **sensitive areas** (see **'Mandatory buffer zones'** section) are observed.

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zone shown in Table 1 below.

CRITICAL COMMENTS

Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between stem elongation and ear emergence complete (ZGS 32-59) if disease is present. DO NOT apply later than ZGS 59.

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Apply the higher rate when disease is present on the top leaf or conditions are favourable for disease development at these stages of crop development.

Repeat spraying may be required, particularly if infection occurs early. Regularly monitor crops from 3-4 weeks after the first application for signs of re-infection.

Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply during early tillering (ZGS 21-22) stage of the crop if disease is present. DO NOT apply later than ZGS 59.

Repeat spraying may be required, particularly if infection pressure persists. Regularly monitor crops from 3-4 weeks after the first application for signs of re-infection.

DO NOT exceed a total rate of 500mL/ha of Apparent Swoosh in a growing season.

Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between stem elongation and ear emergence complete (ZGS 32-59) if disease is present.

DO NOT apply later than ZGS 59. Apply the higher rate when disease is present on the top leaf or conditions are favourable for disease development at these stages of crop development.

Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between stem elongation and ear emergence complete (ZGS 32-59) if disease is present. DO NOT apply later than ZGS 59.

Two applications of Apparent Swoosh at the lower rate may provide better control than a single application under certain conditions. If applying a two spray program, only apply 250mL/ha per application, with the first application at ZGS 31-32 if the disease is present. Aim to apply the second application around ZGS 37-39, but no later than ZGS 59, if infection pressure persists.

CROP	DISEASE	RATE
Barley (cont)	Leaf Scald (<i>Rhynchosporium secalis</i>), Powdery Mildew (<i>Blumeria graminis</i> f.sp. <i>hordei</i>)	250mL plus 200mL Apparent Wetter 1000 per 100L of spray mix

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

WITHHOLDING PERIODS

WHEAT, BARLEY: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION.

CAUTION

Export of treated produce: Growers should note that Maximum Residue Limits (MRLs) or import tolerances do not exist in all markets for produce treated with Apparent Swoosh 125 SC Fungicide. Additionally, some export markets have established MRLs different to those in Australia. If you are growing produce for export, please check with AIRR Apparent Pty Ltd or your produce exporter for the latest information on MRLs and import tolerances BEFORE using Apparent Swoosh 125 SC Fungicide.

LIVESTOCK DESTINED FOR EXPORT MARKETS

The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the grazing withholding period, the Export Slaughter Interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI)

AFTER OBSERVING THE PERIOD FOR GRAZING OR CUTTING FOR STOCKFOOD, LIVESTOCK THAT HAVE BEEN GRAZED ON OR FED TREATED CROPS SHOULD BE PLACED ON CLEAN FEED FOR 3 DAYS PRIOR TO SLAUGHTER.

GENERAL INSTRUCTIONS

Apparent Swoosh 125 SC Fungicide is a broad spectrum contact and systemic fungicide. It is taken up via the stem and foliage and is translocated upwards and outwards to provide protection to new growth. Thorough coverage of the crop is necessary for best results.

Check the crop regularly for any symptoms of disease infection. Apply as soon as disease is present on the flag leaf or flag-2. Application beyond flag leaf emergence (ZGS 39) may not provide any yield benefit, particularly under dry seasonal conditions.

MIXING

Apparent Swoosh 125 SC Fungicide is a suspension concentrate formulation. Add the product to the half-filled spray vat while agitating. Continue to agitate while topping up the tank and during spraying.

APPLICATION

Ground: Apply in a water volume of between 50 and 100L/ha, using flat fan nozzles operating at around 50cm above the top of the crop. Use the higher water volume in crops with heavier canopies.

Aerial: Apply with suitable aircraft, set up and operated to apply fungicides to cereal crops in a minimum water volume of 20L/ha.

COMPATIBILITY

For information on compatibility please contact your local reseller or AIRR Apparent Pty Ltd representative.

CRITICAL COMMENTS

Apply when conditions favour disease development and prior to development of disease in the crop. Aim to apply between early tillering and flag leaf emergence (ZGS 32-59) if disease is present. DO NOT apply later than ZGS 59. Repeat spraying may be required, particularly if infection pressure persists. Regularly monitor the crop from 3-4 weeks after the first application for signs of re-infection.

FUNGICIDE RESISTANCE WARNING

GROUP 3 FUNGICIDE

Apparent Swoosh 125 SC Fungicide is a Group 3 Fungicide and a member of the DMI group of fungicides. For fungicide resistance management Apparent Swoosh 125 SC Fungicide is a Group 3 Fungicide. Some naturally occurring individual fungi resistant to Apparent Swoosh 125 SC Fungicide and other Group 3 Fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by Apparent Swoosh 125 SC Fungicide or other Group 3 Fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, AIRR Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Swoosh 125 SC Fungicide to control resistant fungi.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT SPRAY under weather conditions or from spraying equipment which may cause spray to drift over nearby susceptible plants or crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Highly toxic to aquatic organisms. DO NOT apply Apparent Swoosh 125 SC Fungicide aerially to waterbodies, watercourses or wetlands. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. 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 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.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will irritate the eyes, nose and throat and skin. Avoid contact with eyes and skin. Do not inhale vapours. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and half facepiece respirator. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat. If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use, wash gloves, respirator and if rubber, wash with warm water and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126, New Zealand 0800 764 766

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE:

The use of Apparent Swoosh 125 SC Fungicide being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and AIRR Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.