

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

Quali-pro Evolution®

Fungicide

ACTIVE CONSTITUENTS:

200 g/L TEBUCONAZOLE

120 g/L AZOXYSTROBIN

GROUP

3 | 11

FUNGICIDE

Situation/Crops: Turf including golf greens, tees and fairways, bowling clubs, sportsfields and racetracks

Uses: For control of diseases specified in the Directions for Use table

Formulation type
Suspension
Concentrate



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CONTENTS: 1 - 100 L

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply QUALI-PRO EVOLUTION® to home lawns (turf) or any other residential turf.

DO NOT apply if rain is expected within 48 hours.

DO NOT apply QUALI-PRO EVOLUTION® by aerial application.

DO NOT use this product through any type of irrigation system or ultra-low volume spray system.

DO NOT apply using spraying equipment carried on the back of the user.

SPRAY DRIFT RESTRAINTS

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.

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

DO NOT apply during surface temperature inversion conditions 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 must **KEEP** this record for at least 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 or situation and weed or 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.)

MANDATORY NO-SPRAY ZONES

Ground Application

Aquatic Environment

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

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

FOR GROUND APPLICATION	
from 3 - 20 kilometres per hour	20 metres

Terrestrial Environment

DO NOT apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat downwind from the application area and within the mandatory no-spray zone shown in Table B below.

Table B – No-Spray Zones for Protection of the Terrestrial Environment

FOR GROUND APPLICATION	
from 3 - 20 kilometres per hour	60 metres

TURF USES

DISEASE	RATE	CRITICAL COMMENTS
Dollar Spot (<i>Sclerotinia homeocarpa</i>) Helminthosporium Disease (<i>Bipolaris</i> , <i>Drechslera</i> & <i>Exserohilum</i> Spp.) Anthracnose (<i>Colletotrichum</i> spp.) Winter Fusarium (<i>Microdochium nivale</i>) Brown Patch (<i>Rhizoctonia solani</i>)	2 - 3 L/ha	Apply in a sufficient volume of water to achieve thorough coverage of all foliage and plant crowns. Apply QUALI-PRO EVOLUTION® on a 21-28 day interval as part of a season-long preventative spray program for turf disease management. Use the higher rate and shorter interval when conditions are favourable for disease development. Refer to application instructions for more information on targeting foliar and crown diseases. DO NOT apply more than two consecutive sprays of QUALI-PRO EVOLUTION® before rotating to a different mode of action fungicide. DO NOT apply more than three sprays of QUALI-PRO EVOLUTION® per season.
Fairy Ring (Basiomycete fungi)	3 - 4 L/ha	Apply to green areas where fairy ring has previously occurred. Use the low rate from the end of October to early November (prior to dry conditions) and reapply after 30 days if required. If disease symptoms are present at the time of application, use the high rate and re-apply 30 days after the first application. Refer to application instructions for more information on targeting Fairy Ring. DO NOT apply more than two consecutive sprays of QUALI-PRO EVOLUTION®. DO NOT apply more than three sprays of QUALI-PRO EVOLUTION® per season.

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

WITHOLDING PERIODS

GRAZING: DO NOT GRAZE TREATED AREAS OR FEED TURF CLIPPINGS FROM TREATED AREAS TO ANIMALS INCLUDING POULTRY.

GENERAL INSTRUCTIONS

MIXING

Prior to pouring, shake container vigorously, then add the required quantity of QUALI-PRO EVOLUTION® to water in the spray vat while stirring or with agitators in motion. Rinse the empty container with water and add rinsings to spray tank.

APPLICATION

Apply by ground application equipment only. Ensure even application in order to achieve even disease control. Avoid overlapping sprays.

Leaf and Crown Diseases: Application volume for leaf and crown diseases (Anthracnose, Dollar Spot, Helminthosporium diseases, Winter Fusarium and Brown Patch) should be adequate to ensure thorough and even coverage of the turf leaves and penetration to the crowns. Ideal application volume should be 350 to 500 L/ha. For best results use medium [XR Teejet* (11004 or 10005)] to coarse [Turbo Teejet* or AIXR Teejet* (11004 or 11005)] nozzles, at 5 km/h and 3 bar pressure. In higher cut turf (≥ 15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

Fairy Ring: Application volume should be as high as possible (approximately 1000 L/ha) to ensure placement close to the soil surface. When lower application volumes are used, washing in should commence as soon as possible after application. For best results use extremely coarse droplets [Turbo Floodjet* (TF5) or TurfJet* (TTJ10)] and total application volume of approximately 1000 L/ha. Preferably spray onto wet or dewy grass. Irrigate with 6 to 10 mm of water commencing within 1 hour of application.

FUNGICIDE RESISTANCE WARNING

QUALI-PRO EVOLUTION® is a member of the DMI and quinone outside inhibitors (QoIs) group of fungicides. For fungicide resistance management the product is both a Group 3 and a Group 11 fungicide. Some naturally occurring individual fungi resistant to QUALI-PRO EVOLUTION® and other Group 3 and/or Group 11 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 this product and other Group 3 and/or Group 11 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, Adama Australia accepts no liability for any losses that may result from failure of QUALI-PRO EVOLUTION® to control resistant fungi.

WARNING

- **QUALI-PRO EVOLUTION® is extremely phytotoxic to certain apple varieties. Extreme care must be used to prevent injury to apple trees.**
- **AVOID SPRAY DRIFT. DO NOT spray QUALI-PRO EVOLUTION® where spray drift may reach apple trees.**
- **DO NOT spray when conditions favour drift beyond the area intended for application. Conditions that may contribute to drift include thermal inversions, excessive wind speed, certain sprayer nozzle/pressure combinations, small spray droplet size etc.**
- **DO NOT use spray equipment to spray apple trees that has been previously used to apply QUALI-PRO EVOLUTION®. Even trace amounts can cause unacceptable phytotoxicity.**

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

GROUP	3	11	FUNGICIDE
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STORAGE AND DISPOSAL (1 L, 2.5 L, 5 L, 100 L)

Store in the closed, original container in a cool, well-ventilated area.

DO NOT store for prolonged periods in direct sunlight.

This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple-rinse containers for disposal.

Dispose of rinsate by adding it to spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management program site. The cap should not be replaced, but may be taken separately.

If not recycling, break, crush or puncture and deliver empty packaging 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 swallowed. May irritate the eyes. Avoid contact with eyes.

When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). In addition, if applying by low pressure hand wand, wear cotton overalls, over normal clothing, buttoned to the neck and wrist and elbow-length chemical resistant gloves. If product or spray in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre.

Phone Australia 13 11 26.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for QUALI-PRO EVOLUTION® is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of QUALI-PRO EVOLUTION® being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia, regarding its suitability, fitness or efficiency for any purposes for which it is used by the buyer, whether in accordance with the Directions for Use or not. Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.