

100 x 110mm (WxH)

orion AGRISCIENCE

DANGER

KEEP OUT OF REACH OF CHILDREN



APEGGIO

HERBICIDE

A selective herbicide for the post emergence control of certain broadleaf and grass weeds in maize and sweet corn

Active Ingredient:

336 g/litre Topramezone in the form of a suspension concentrate



1 Litre

PLEASE READ THE LABEL COMPLETELY BEFORE USE

HAZARD CLASSIFICATIONS:

Reproduction toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

WARNING: TOXIC, ECOTOXIC

Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to soil organisms. Harmful to terrestrial vertebrates.

PRECAUTIONS

Avoid contact with eyes and skin. Do not breathe in the spray mist. Wash hands thoroughly after handling or clothing and inhalation of spray mist. Do not eat, drink or smoke while using.

HANDLING REQUIREMENT

This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C. Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 L or more is applied within 24 hours and likely to leave the application area.

PERSONAL PROTECTION:

When handling, mixing or applying, wear overalls, boots, gloves, and eye protection. Clean protective equipment daily after work. Remove protective clothing and wash hands and face thoroughly before meals and after work.

STORAGE:

Keep out of reach of children. Store in the original, tightly closed container, in a secure place away from feed, seed or foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

DISPOSAL:

Dispose of this product by using in accordance with this label, or at a suitable landfill. Triple rinsing container and add rinsate to the spray tank. Dispose of container to a suitable landfill of agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

ENVIRONMENTAL:

Use this product carefully. Do not apply directly into or onto water. Do not contaminate aquatic environments with product, spray drift, or empty container. Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area.

FIRST AID

If medical advice is needed, have product container or label at hand. If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with water. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If skin or hair contact occurs, remove contaminated clothing and flush with running water. For advice, call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately.

EMERGENCY RESPONSE

In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

SPILLAGE

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc. Place in waste container. Wash area with water and absorb with further inert material. Dispose of safely to a suitable landfill.

Batch No:

Date of manufacture:

SAFETY DATA SHEET

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit **www.orionagriscience.co.nz**.

Registered pursuant to the ACVM Act 1997, No. P10299
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSN0 Act 1996, No. HSR100903
See www.epa.govt.nz for approval controls.

Gnarly™ is a trademark of Orion AgriScience Ltd.

Registrant: Agsin Pte Ltd, Zagro Global Hub
5 Woodlands Terrace, Singapore 738430

Distributor: Orion AgriScience Ltd, Unit 1
15 Sir Gil Simpson Drive, Harewood, Christchurch 8053
0800 674 6627 **www.orionagriscience.co.nz**

APEGGIO



PLEASE READ THE LABEL COMPLETELY BEFORE USE

GENERAL INFORMATION

APEGGIO is a selective postemergence herbicide for the control of a range of broadleaf and grass weeds in maize (silage and grain) and sweet corn. APEGGIO is absorbed by both leaves and roots and transported within the plant where it interferes with the synthesis of carotenoids. Complete weed death may take 14 days following treatment. Although APEGGIO is systemic, thorough coverage of the target weed is necessary for optimum results. Application to small, actively growing weeds when conditions are conducive to maximum photosynthesis (moist, warm, bright sunshine) is ideal.

WEEDS CONTROLLED

Broadleaf weeds (up to 8 leaves): Apple of Peru, black nightshade, broad-leaved dock (seedling), butterprint (velvetleaf), chamomile, chickweed, dandelion, fathen, fleabane, groundsel, large flowered mallow, scrambling speedwell, twin cress, white clover and willow weed.

Grass weeds (up to 3 tillers): Barnyard grass, smooth witchgrass, summer grass and yellow bristle grass.

WITHHOLDING PERIODS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food

Notice: Maximum Residue Levels for Agricultural Compounds.

Maize and sweet corn: DO NOT apply after the crop has passed the 6-leaf stage (GS16). Maize silage/green feed: Allow 56 days between application and cutting or introduction of stock.

COMPATIBILITY

Maize and sweet corn: APPEGGIO is compatible with atrazine.

Maize only: APPEGGIO and atrazine are compatible in 4-way tank mixes with either dicamba, clopyralid or water dispersible formulations of nicosulfuron. DO NOT use these 4-way mixes on sweet corn. Follow the directions on the partner product label. Refer to your local supplier for further information.

APPLICATION METHODS

APPEGGIO can be applied through conventional spray equipment. Care must be taken to avoid drift. Ensure the water rate is sufficient for complete coverage of target weeds. Avoid spray solution contacting any desirable plants. DO NOT apply when conditions favour drift e.g. high winds or incorrect pressure and nozzle setup.

MIXING

Mix or stir APPEGGIO well prior to use. Half-fill the spray tank with clean water and start the agitation. Add the required amount of APPEGGIO directly into the partly filled spray tank with agitation. Rinse any empty containers thoroughly and add rinsate to the spray tank. Add partner herbicides and adjuvant. Complete filling and maintain agitation until spraying is completed.

ADJUVANTS

APPEGGIO should always be used with a suitable adjuvant such as a methylated seed oil (e.g. Gnarly™), unless tank mix partner product labels direct otherwise.

PLEASE READ THE LABEL COMPLETELY BEFORE USE

RAINFALL

APPEGIO is rainfast once dried on the weed. DO NOT apply if rainfall is expected within 2 hours of application.

SPRAY EQUIPMENT DECONTAMINATION

To prevent injury to subsequently sprayed crops, thoroughly decontaminate spraying equipment immediately after spraying.

SOIL RESIDUES

When used as directed APPEGIO does not have long term residual activity, however soil residues could affect subsequent crops and so crop rotational restrictions may apply. The following minimum follow crop (plant back) intervals should be observed:

Wheat, Ryegrass, Carrot, Squash, Onions, Tomatoes: 2 weeks

Radish: 4 weeks

White clover and Peas: 8 weeks

Other crops: Pot test prior to planting or seek advice

Check the label of any partner herbicide mixed with APPEGIO to determine any other plant back periods or restrictions on use.

RESISTANCE MANAGEMENT

GROUP

27

HERBICIDE

APPEGIO contains topramezone, which belongs to the HPPD (4-hydroxyphenylpyruvate dioxygenase) mode of action group. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

DIRECTIONS FOR USE

Do NOT use on any crop not specified on the label.

Note: Spray volumes that will provide adequate coverage are 300-400 litres per hectare

Crop	Rate	Remarks
Maize and Sweet corn	200 mL/ha	Apply to actively growing weeds before they reach the growth stages specified. Ensure thorough coverage for best results. Use a minimum of 200 L/ha water. The addition of 500 g/ha of atrazine (e.g. 1 L/ha of a 50% liquid formulation or 555 g/ha of a 90% granular formulation) will improve the speed of knockdown and control of larger weeds. Under cool growing conditions, slight temporary chlorosis (yellowing) may occur. The crop will outgrow and yield will not be affected.

Maximum application rate is 200 mL/ha (67 g topramezone) per application, with a maximum of one application per year.