

**WARNING**

**KEEP OUT OF REACH OF CHILDREN**

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

**Esteem<sup>®</sup>**

## **FUNGICIDE**

**Contains:** 52 g/litre Polyoxin D zinc salt in the form of a suspension concentrate

**For powdery mildew control in apples,  
grapes and strawberries.**

**For botrytis control in strawberries and suppression in grapes.**

**arxada**

**NET CONTENTS: 5 LITRES**

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Approved pursuant to the HSNO Act 1996, No: HSR101104. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P009155 See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.



**6185**

**GHS CLASSIFICATION**Skin sensitisation Cat. 1  
  
Hazardous to the aquatic environment chronic  
Cat. 3**HAZARD STATEMENT**May cause an allergic skin reaction.  
  
Harmful to aquatic life with long lasting effects.

**FIRST AID:** IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.  
**PERSONAL PROTECTION:** Avoid breathing mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.  
**STORAGE:** Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.  
**DISPOSAL:** Avoid contamination of any water supply with product or empty container. Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility.  
**SPILLAGE:** Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.  
**SAFETY DATA SHEET:** Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or [www.arxada.co.nz](http://www.arxada.co.nz)  
**QUALIFICATION REQUIREMENTS:** Persons mixing, loading, applying, or otherwise handling Esteem must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.  
**HSNO ADDITIONAL CONTROLS:** Maximum application rate is 2 litres/Ha. Maximum number of applications is six per 365 days. The minimum interval between applications is seven full days. Application must be by ground-based methods only.

**PLEASE READ ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE****GENERAL INFORMATION:** Esteem is a protectant fungicide for use as a preventative treatment for disease control**DIRECTIONS FOR USE****It is an offence to use this product on animals.**

Rates indicated are for high volume application to the point of runoff. For water rates less than this, adjust dilution rates accordingly to apply the per hectare rate that would have been applied via high volume methods. Use up to three times concentrate in apples and two times concentrate in grapes. Unless otherwise stated in the critical comments, re-apply every 7 to 14 days to maintain protection, using the close spray interval during periods of rapid growth, after significant rain, or when disease pressure is high.

Use up to two consecutive applications before using alternative fungicides. Use no more than four total applications in any single season. See resistance management section.

CROP	DISEASE	RATE per 100 litres	CRITICAL COMMENTS
Apple	Powdery mildew	25 to 50 ml	Rates per 100 litres is for high volume, dilute spraying. (See directions for use for concentrate spraying). Make applications as required during the period from November (fruitlets at least 20 mm in diameter) to pre-harvest. Only use the low rate during periods of low disease pressure.
Grape	Powdery mildew  Botrytis (suppression)	30 ml	Rate per 100 litres is for high volume, dilute spraying. (See directions for use for concentrate spraying). Make applications as required. Sulphur may be included in tank mix at label rates to reduce the risk of resistance.  Esteem will provide suppression of botrytis only and should not replace a specific botrytis control programme. Do not use if disease pressure is high.
Strawberries	Powdery mildew, Botrytis	125 ml	Make applications as required once flowering has commenced. Use high volume, dilute spray-to-run off application methods to ensure full coverage of leaves, flowers, and fruitlets. Re-apply at weekly intervals. Apply with a standard non-ionic surfactant at a rate of 25 ml/100 L.

**MIXING:** Slowly pour the correct amount of Esteem into the partly filled tank, and while agitating add the remainder of the water. Add any tank mixture products separately and adjuvant last. Maintain agitation during spraying and any stoppages. Only mix sufficient spray for immediate use. DO NOT leave the spray mix in the sprayer for extended periods such as overnight.

**ADJUVANTS:** Esteem does not require a surfactant for general use unless otherwise stated in the critical comments or the chosen application technology requires one to maintain the target droplet size distribution. If the final spray mixture has a pH >8.0 consider the addition of an acidifying buffer.

**COMPATIBILITY:** Esteem may be tank mixed as indicated in crop specific critical comments and as above. If any doubt exists with other tank mixes, test a small area and consult with an advisor or supplier. Always follow label guidelines for any tank mix products and fully disperse each one separately and completely.

**APPLICATION:** Esteem must only be applied through conventional ground based spraying equipment correctly calibrated to achieve good coverage of target surfaces. The chosen spray volume, the amount of product per hectare and the sprayer set up and operation may need to be changed as the crop grows and matures. It is essential that good coverage of the total leaf canopy is achieved, and for grapes pay particular attention to the bunches. Do not apply on or over water.

**RAINFALL:** Esteem is rain fast once dry and should be reapplied after seven days if significant rainfall occurs.

**WITHHOLDING PERIOD:****Apples, Grapes and Strawberries: 1 Day.****GRAZING WITHHOLDING PERIOD:**

Leaf plucking in vineyards: After being removed from the vineyard, sheep must be placed on clean feed and not be sent for slaughter or milked for 2 months.

Orchard and vineyard floor grazing: Livestock that have been grazing in orchards or vineyards should be placed on clean feed for 5 days prior to slaughter or collection of milk for human consumption.

**RESISTANCE MANAGEMENT:** **GROUP 19 FUNGICIDE**

Esteem contains polyoxin D zinc salt, a fungicide with a chitin inhibiting mode of action. Certain strains of disease causing organisms may become tolerant to this fungicide due to natural variation and selection. If Esteem is used exclusively these strains may dominate a population and cause fungicide failure. To minimise any possible resistance risk use strictly in accordance with the label instructions. Apply Esteem preventatively or as early as possible in the disease cycle and use fungicides with a different mode of action at other times. For further information see: [www.resistance.nzpps.org](http://www.resistance.nzpps.org)

**NOTICE TO BUYER:** The manufacturer and vendors of Esteem warrant the formulation to contain the specified active ingredients within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

**REGISTERED TO:** Arxada NZ Limited, Hudson Rd, New Plymouth, NZ.  
Tel: 06-755-9234 Fax: 06-755-1174

**EMERGENCY PHONE: 0800 CHEMCALL 0800 243 622**

BATCH NO:

D.O.M:

FREE RECYCLING



AGRECOVERY

[agrecovery.co.nz](http://agrecovery.co.nz)

Esteem 220516



# BioGro New Zealand Certificate of Compliance

This certificate confirms that the company and operations listed below are certified by BioGro.

Company: **Arxada NZ Ltd**  
**13-15 Hudson Road**  
**New Plymouth 4312**  
**New Zealand**

BioGro Number: **6185**  
First Certified From: **25/11/2020**  
Date of Issue: **22/12/2023**

#	Operation Name	Operation Facility/Address	Scope of Certification(s)	Inputs
1	Arxada NZ Ltd	13-15 Hudson Road, New Plymouth 4312, New Zealand	Input Program	Annex A

Certification Valid From: **24/12/2023**  
Anniversary Date / Certificate Valid To: **31/12/2024**  
Renewal Due: **4 Months** Before Expiry

Director: **Donald Nordeng**

The above named licensee is licensed to apply or direct the application of the BioGro Certification trademark provided the product has been produced in accordance with the BioGro Organic Standards by the licensee or under the licensee's supervision at the location named in this certificate. While all due care and skill was exercised in carrying out this assessment, BioGro New Zealand Ltd accepts responsibility only for proven gross negligence. This is not a legal document and cannot be used as such. This certificate remains the property of BioGro New Zealand Ltd to whom it must be returned if required.

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# BioGro New Zealand Annex A

## Inputs Certification Programme

BioGro Number: 6185

Annex to BioGro  
Certificate Number:

**6185 Arxada NZ Ltd**  
**CO1 Input Certificate**  
**23-24 V1**

This Annex lists the products and services enrolled in BioGro's Input Certification Programme as compliant for use in organic production or food processing and handling under the standards and/or market access programmes as indicated below. This Annex is only valid when used in conjunction with the BioGro New Zealand Certificate of Compliance.

### 1 Arxada NZ Ltd

Category	Brand Name	Status	BioGro Organic	IFOAM	MPI OOAP EU	MPI OOAP GB	MPI OOAP Switzerland	MPI OOAP Taiwan	MPI OOAP China	USDA NOP	JAS	Restriction
Crop Management	Esteem	R	Y	Y	Y	Y	Y	Y	Y	Y		For use when biological, cultural or mechanical methods are not sufficient. Cannot be used on any certified organic crop destined for, or as an ingredient to be used in a processed product to the COR (Canada) or JAS (Japan) markets.

**Notes:**

Status P: permitted input; can be used without any restrictions and without having to prove need to BioGro.

Status R: restricted input; can only be used under the specific conditions (restrictions) listed and proven need must be approved by BioGro.

IFOAM: accredited by IOAS (International Organic Accredited Service).

MPI OOAP - EU - Ministry for Primary Industries Official Organic Assurance Programme for exports to Europe (EU) in accordance to Article 7 of Regulation (EC) No 1235/2008.

MPI OOAP - GB: exporting to GB under the equivalency.

MPI OOAP - Switzerland: exporting to Switzerland under the equivalency.

MPI OOAP - Taiwan: exporting to Taiwan under the equivalency.

MPI OOAP - China: exporting to China under the equivalency.

MPI OOAP - USDA NOP: Certified to the USDA organic regulations, 7CFR Part 205

JAS – Japanese Agricultural Standard Organic Law