

KEEP OUT OF REACH OF CHILDREN

biostart

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# Digester™

ACTIVATES SOIL  
DECOMPOSITION MICROBES

Speeds up crop residue decomposition  
Reduces the opportunity for disease over-wintering  
Improves nutrient recycling & soil structure



Made in New Zealand

Store out of  
direct sunlight  
and below 35°C

1 L net  
contents

**Mixing instructions:** Partially fill the spray tank with clean water and start agitation. Add the required amount of Digester to the tank. Complete filling the tank with the required volume. **Application:** The decomposition process takes time in colder temperatures. For best results in spring, apply in autumn or early winter. Apply early morning, early evening or in overcast conditions to moist soils and wash or rain in. For best results finely cut woody material. Calibrate sprayer before use. The Digester application rates above can be applied in 200-1,000 L/ha of water. **Nil withholding period.** **Compatibility:** Digester is compatible with most commonly used herbicides, fertigation nutrients/nutrient sprays and suspension fertiliser. Call BioStart NZ 0800 116 229 or Australia 1800 359 559 to check compatibility of product prior to use. **Handling precautions:** When mixing or applying, avoid contact with skin and eyes. Wear protective clothing, gloves and goggles. Flush sprayer thoroughly with water after use. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after use. **Storage instructions:** Store below 35°C. Keep out of reach of children. Keep container tightly closed. Do not store diluted product. **Empty container disposal:** Triple rinse and return to an approved recycling centre.

**NZ HSNO Classifications:** 6.3B, 6.4A, 6.8B, 6.9B, 9.1D.  
**Australian GHS Classification:** Eye irritation Cat 2,  
STOT RE Cat 2, Aquatic acute cat 4

**Warning:** Undiluted Digester is mildly irritating to the skin, irritating to the eye and could cause organ damage after prolonged repeated exposure. When handling Digester wear protective clothing, glasses and gloves and avoid contact with skin and eyes. Undiluted Digester is toxic to the aquatic environment, so avoid product release in to the environment. Dispose of used container carefully.



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INVERT CONTAINER AND SHAKE WELL BEFORE USE

**BioStart Digester** is a soil biostimulant which speeds up the decomposition of crop trash, leaf litter, prunings and dead roots into humus. Digester consists of a combination of bacteriocins, enzymes, signal molecules and secondary metabolites from the fermentation of beneficial bacteria. Digester stimulates naturally-occurring beneficial decomposition microbes in the soil to rapidly reproduce resulting in a faster rate of decomposition. Dead plant material acts as an inoculum source so increasing the rate of decomposition will help reduce over-wintering disease. Digester helps recycle nutrients stored in crop trash back into the soil faster and more efficiently, improves soil structure, reduces soil compaction and improves soil water holding capacity. Digester is suitable for all types of soil and crop trash.

## DIRECTIONS FOR USE

CROP	TIMING	APPLICATION RATE	RECOMMENDED CO-APPLICATION
Grapes and Berries	Post-pruning or leaf fall; or at mulching	<b>Standard programme:</b> Apply 2 L/ha in a minimum of 200 L of water applied over leaf litter and prunings to the soil. If only applying to the weed spray strip (1/3 ha) then this is equivalent to 0.66 L Digester/ha. <b>Premium Programme</b> or for heavy disease overwintering, cut-out diseased vineyards, compacted or water-logged soil: Apply 4 L/ha in a minimum of 200 L of water. If only applying to the weed spray strip (1/3 ha) then this is equivalent to 1.3 L Digester/ha.	<b>To reduce application cost:</b> co-apply with commonly used post-harvest herbicides or liquid fertiliser. Digester can be applied via ground sprays, overhead sprinklers or fertigation systems.
Pipfruit, Stonefruit, Kiwifruit, Citrus, and Avocados	Autumn/ Post-harvest; Post-pruning and/or leaf fall	4 L/ha in a minimum of 200 L of water applied over leaf litter and prunings to the soil. For heavy disease over-wintering, cut-out diseased orchards, compacted or water-logged soil: 6 L/ha in a minimum of 200 L of water.	For high crop residue levels a nitrogen source may be recommended to further assist decomposition.
Vegetables including sweetcorn	Post harvest	4 L/ha in a minimum of 200 L of water applied over crop trash to the soil. For crops with heavy disease over-wintering e.g. asparagus apply 6 L/ha in a minimum of 200 L of water.	<b>Call BioStart for further information.</b>
Turf	Spring & Autumn	5 L/ha in a minimum of 600 L of water.	
Pasture	At spray out	2 L/ha in a minimum of 200 L of water can be co-applied with the herbicide.	
Maize and Cereal Silage	Post harvest	Apply 2 L/ha in a minimum 200 L of water to the soil during or after stubble incorporation.	
Maize for grain	Post harvest	Apply 4 L/ha in a minimum of 200 L of water to soil during or after stubble incorporation.	

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**Manufactured & distributed in New Zealand by:**  
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Please note: For application on other crops call BioStart NZ 0800 116 229 or Australia 1800 359 559 or www.biostart.co.nz