

POWERFUL BIOLOGY. PRECISION INSIGHT.
PROTECTED ORCHARDS. HEALTHIER YIELDS.

Our beneficial bacteria work with precision drone intelligence to suppress *Pseudomonas syringae* and protect against pruning wounds – for stronger trees and more profitable crops.



SUPPRESSES PSEUDOMONAS SYRINGAE & PROTECTS PRUNING WOUNDS

THE THREAT

Pseudomonas syringae causes bacterial canker and infections through pruning wounds.



BIOLOGICAL PROTECTION

Beneficial bacteria colonise the pruning wound and outcompete harmful pathogens.

THE RESULT

- ✓ Suppresses & controls *Pseudomonas syringae*
- ✓ Seals & protects pruning wounds naturally
- ✓ Reduces cankers & infections
- ✓ Stronger trees, better yields



UNTREATED



TREATED

SUPERIOR RESULTS WHEN BIOLOGY IS GUIDED BY DRONE INTELLIGENCE

OUR BENEFICIAL BACTERIA BLEND



Bacillus spp.

(*subtilis*, *amyloliquefaciens*)

- Disease suppression
- Root stimulation
- Nutrient availability



Pseudomonas spp.

- Root colonisation
- Suppresses *Pseudomonas syringae*
- Nutrient solubilisation
- Induce natural plant defences

WORKS IN SYNERGY WITH



Root Colonisation



Pathogen Suppression



Induced Plant Defences



Nutrient Solubilisation

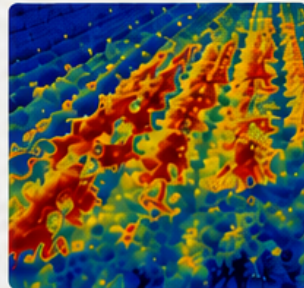
HEALTHIER SOIL • STRONGER ROOTS • RESILIENT TREES

AG FALCON DRONE INTELLIGENCE



THERMAL IMAGING

Detects stress & water deficits early.

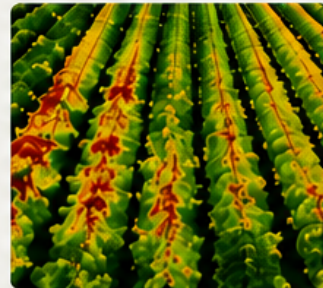


High Stress
Low Stress



MULTISPECTRAL (NDRE)

Monitors canopy health, nitrogen & root biology.



High Vigour
Low Vigour



PRESCRIPTION APPLICATIONS

Apply biology precisely where it's needed for maximum effectiveness and cost efficiency.

OUR BIOLOGY RANGE

BIOEARTH

ALL IN ONE PLUS 9 FORTIFIED GRANULES

- ✓ 9 active slow release beneficial bacteria & fungi
- ✓ Supplements N, P, K & trace minerals
- ✓ Enhances soil biology & fertility
- ✓ Improves plant health & resilience
- ✓ Supports long-term soil regeneration



BIO-ESSENTIALS LIQUID BIO-FERTILISER

- ✓ 9 beneficial bio-active microbes
- ✓ Improves soil quality & structure
- ✓ Increases nutrient availability & uptake
- ✓ Builds plant immune structure
- ✓ Reduces disease pressure naturally
- ✓ Increases moisture retention



REAL RESULTS FOR CHERRY GROWERS



Suppresses & controls *Pseudomonas syringae*
Reduces cankers & infections



Protects pruning wounds
Faster sealing & healing



Healthier canopy
Better photosynthesis & nutrient use



Improved fruit quality & consistency
Higher yields & profitability



Lower input costs
Smart, targeted applications



AG FALCON
SOIL NUTRITION

CHERRY SHIELD™



PROTECT PRUNING WOUNDS. SUPPRESS BACTERIAL PRESSURE.
BUILD RESILIENT SOILS. GROW PREMIUM CHERRIES.

BIOEARTH + BIOESSENTIALS + DRONE INTELLIGENCE
= HEALTHIER TREES. HIGHER BRUX. BETTER RETURNS.

THE CHALLENGE

Pseudomonas syringae enters through pruning wounds, causing cankers, dieback and reduced yield.



THE AG FALCON RESPONSE



BIOEARTH
Rebuild soil biology & nutrient bank



BIOESSENTIALS
Colonise plant & suppress bacterial pressure



DRONE INTELLIGENCE
Apply precisely where stress exists



KEY BENEFITS



Suppresses bacterial pressure



Protects pruning wounds



Improves canopy health



Drives fruit quality & consistency



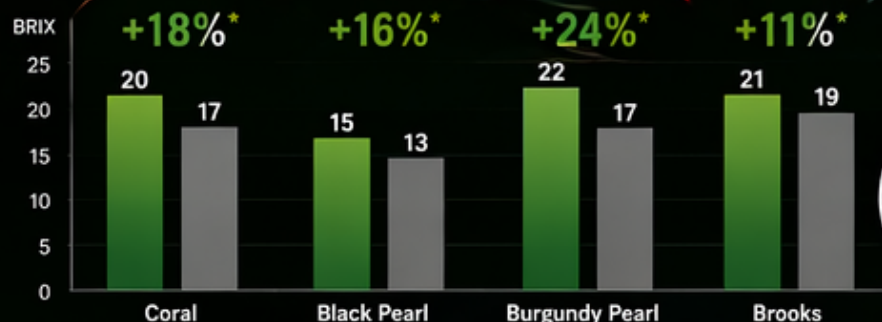
Supports higher yield & profitability

PROVEN RESULTS IN CHERRIES

BRUX IMPROVEMENTS
(vs Control)

■ FALCON CO2 + BIOESSENTIALS
■ CONTROL

* DENOTES STATISTICAL DIFFERENCE



BIOEARTH
FOUNDATION LAYER

- ✓ 9 active beneficial microbes + slow release nutrients
- ✓ Improves soil fertility & structure
- ✓ Enhances disease & pest resistance
- ✓ Provides N, P, K + calcium with biological activity



ROLE: Root strength + disease resilience + long-term orchard health

BIOESSENTIALS
ACTIVATION LAYER

- ✓ 9 bio-active microbes + organic carbon
- ✓ Improves nutrient uptake & plant immunity
- ✓ Reduces disease pressure naturally
- ✓ Increases moisture retention & soil function



ROLE: Foliar protection + canopy health + fruit performance



Our Wild Harvested Seaweed and Abalone Fertilisers are



Our Full range of Organic Fertilisers are proudly



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