



H&T

**Fresh
Thinking**

&

**Solid
Science**

Spring Forage

Energise your seed

Optimised[®]

Crop Protection

The most effective brassica protection package, H&T Optimised[®] contains a proprietary blend of bio stimulants.

Controls

- Argentine stem weevil
- Nysius
- Spring tails
- Greasy cutworm activity in trials

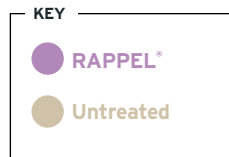
Trials Have Shown

- Faster establishment
- Increased plant population
- Increased viable plants

RAPPEL[®]

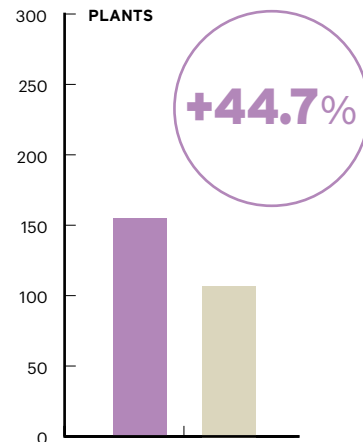
Seed Applied Slug Repellent

- Improved establishment in the presence of slugs
- Ideal for direct drilling in high residue environments
- Used with Optimised[®]
- Individual seed protection



Faster Establishment

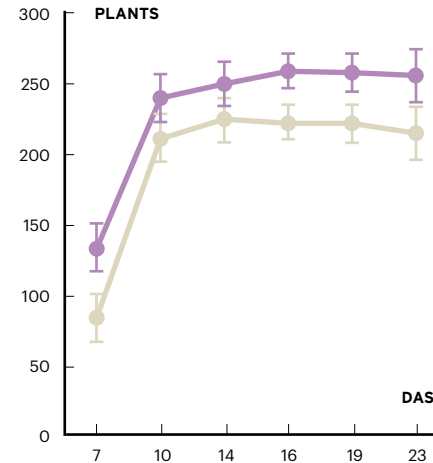
PLANT NUMBERS AT 15DAS IN PRESENCE OF SLUGS



Establishment Trial Rathkeale 2018

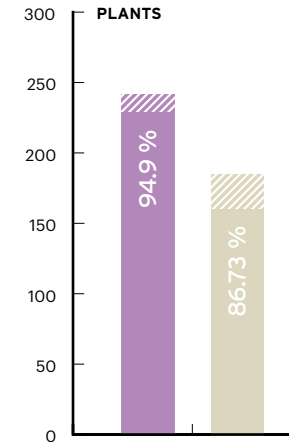
Increased Plant Population

RAPPEL[®] VS UNTREATED FROM 10DAS TO 23DAS



Increased Viable Plants

PERCENTAGE VIABLE PLANTS AT 23DAS



LAUNCH™

Launch is a Bio-grow organic certified seed treatment.

Consult your H&T rep for more information.



Environmental Advantages

- RAPPEL® is a tool to reduce the reliance on pesticide baits
- IPM compatible
- Bio-Stimulant action does not disrupt invertebrate activity
- Targeted seed application increased fertilizer efficiency
- Reduced transport foot print
- Decreased metaldehyde loading per ha compared with bait
- Soil delivery away from non-target species
- Maintains bio diversity

Ecosystem™

Forages for the Future

Forages that focus on sustaining the beneficial interactions of the EcoSystem™ and the physical environment.

Advantages

- **Environment**
- **Animal health and welfare**
- **Soil**
- **Biodiversity**
- **IPM**
- **Management**
- **Productivity**
- **Fertilizer capture**

Environment*

- Exclude stock from waterways
- Leave an ungrazed buffer zone around Critical Source Areas (CSAs)
- Graze paddocks strategically
- Graze from the top of the hill to the bottom
- Make breaks "long and narrow"
- Back fence
- Place troughs and supplementary feed in a dry part of the paddock
- Look after your stock
- Leave the buffer strips around CSAs ungrazed and uncropped
- Plant a Wintermax T100 catch crop
- Plan early

Animal Health and Welfare

- There are well known animal health effects to consider when feeding (brassica) crops
- Engage with your veterinarian to discuss the impact of (brassica) crop feeding on animal health BEFORE planting and feeding
- Planning and good management is essential when feeding (brassica) crops.
- Any changes in feed need to be gradual - ruminants respond poorly to sudden changes in feed type and/or amount.
- Regular monitoring of stock is essential to identify any animal health issues early (this may include laboratory testing).
- Shade and shelter
- Plentiful clean water

* Beef+Lamb NZ

H&T Agronomy

Use H&T for better crops, environmental and animal outcomes.

- Qualified forage and crop advisors
- Planning crop monitoring, crop protection, crop management

- Agworld agronomy software, communication and data storage
- Whole farm system integration



Ecosystem™ FUSION²

Kale Plantain mix



Single year forage

Ecosystem™ BALLISTIC²

Chicory and Clover mix



Multi year forage

Ecosystem™ MEDLEY²

Plantain and Clover mix



Multi year forage

Recommended Brassica Varieties

Independently selected for agronomic traits and seed treatment options.

Variety	Type
Hunter	Leafy turnip
Rival	Turnip
Domain	Swede
Sov-Gold	Kale
Kestrel	Kale
Spitfire	Rape
Mainstar	Rape

Talk to us

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