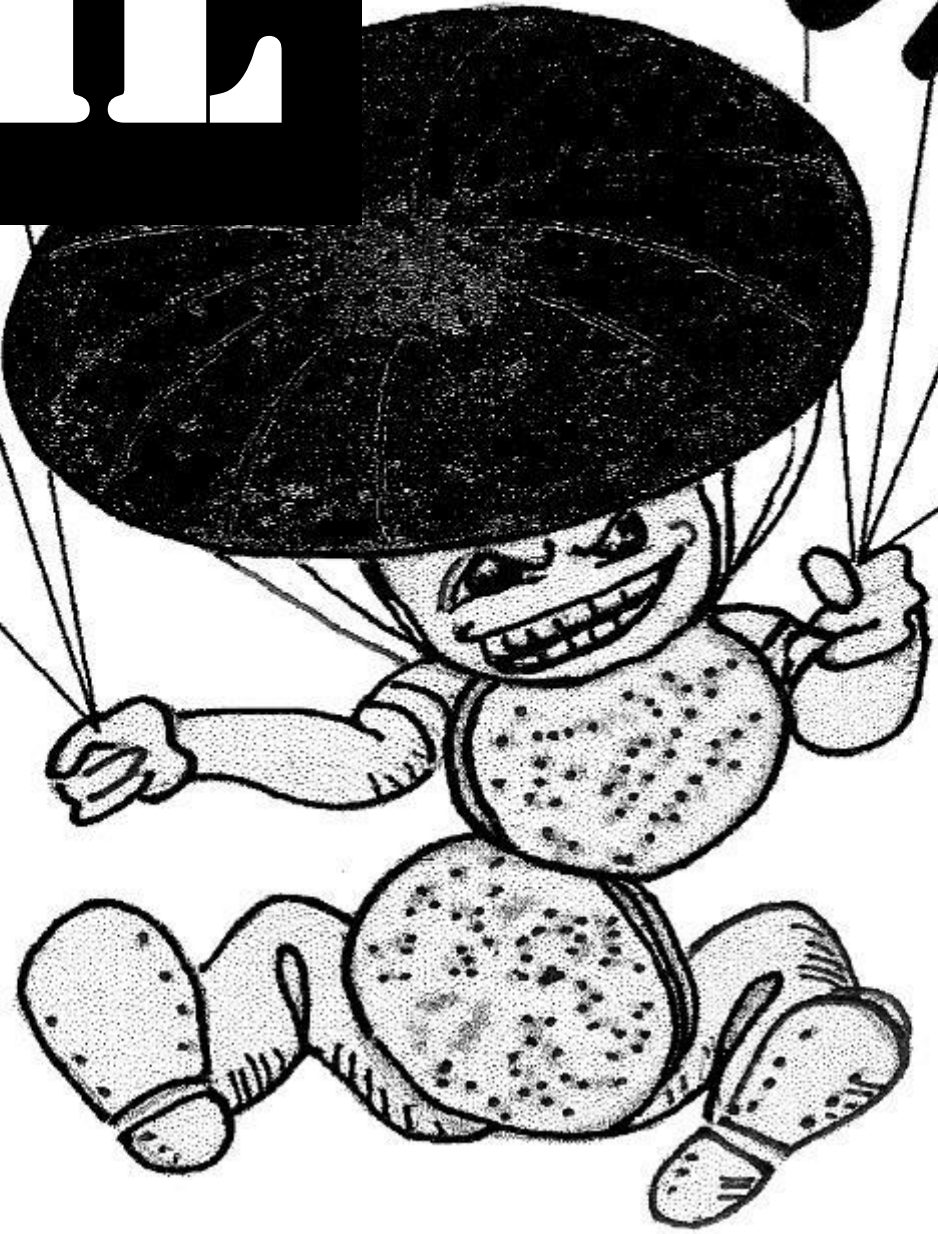
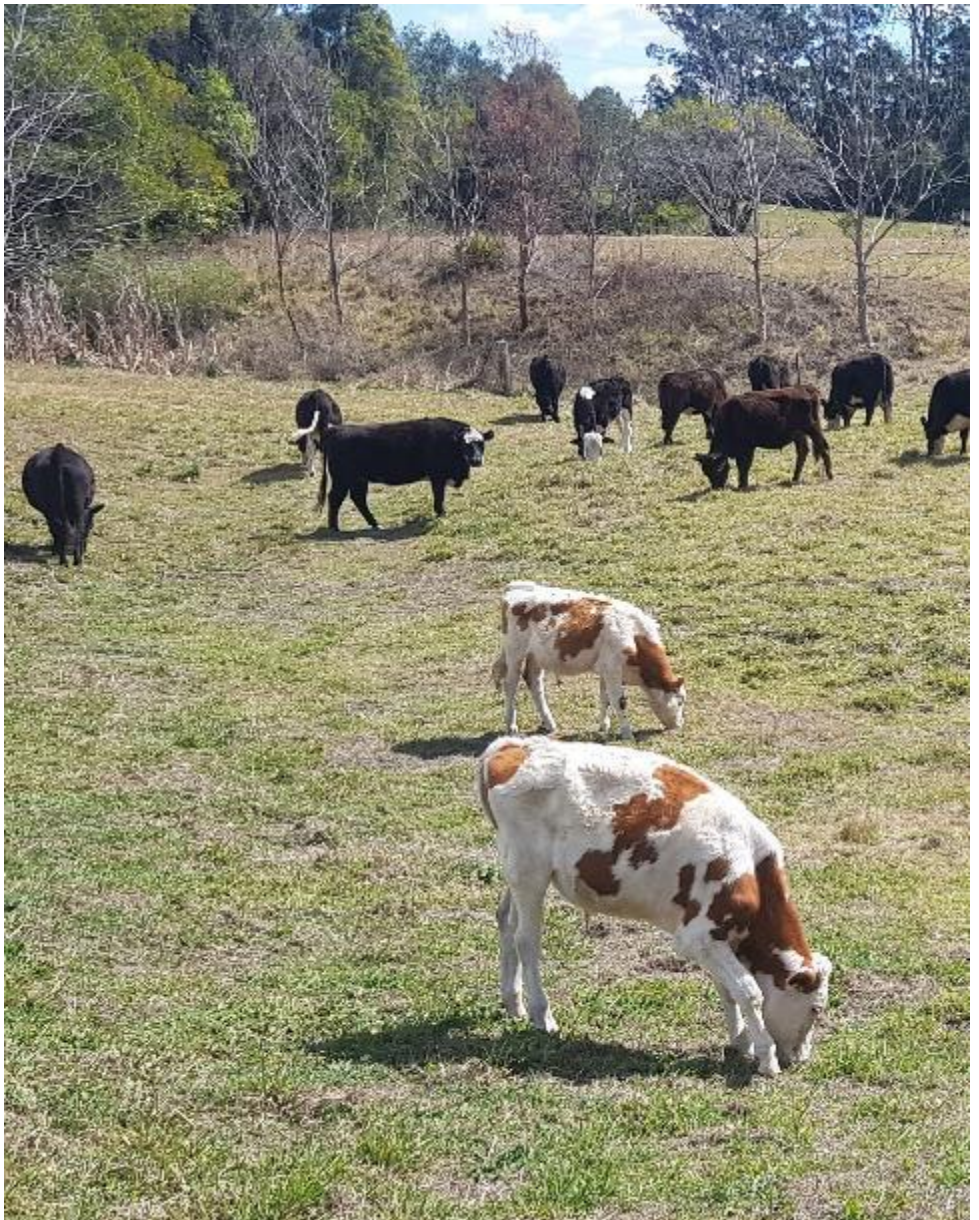
SOIL TROOPER



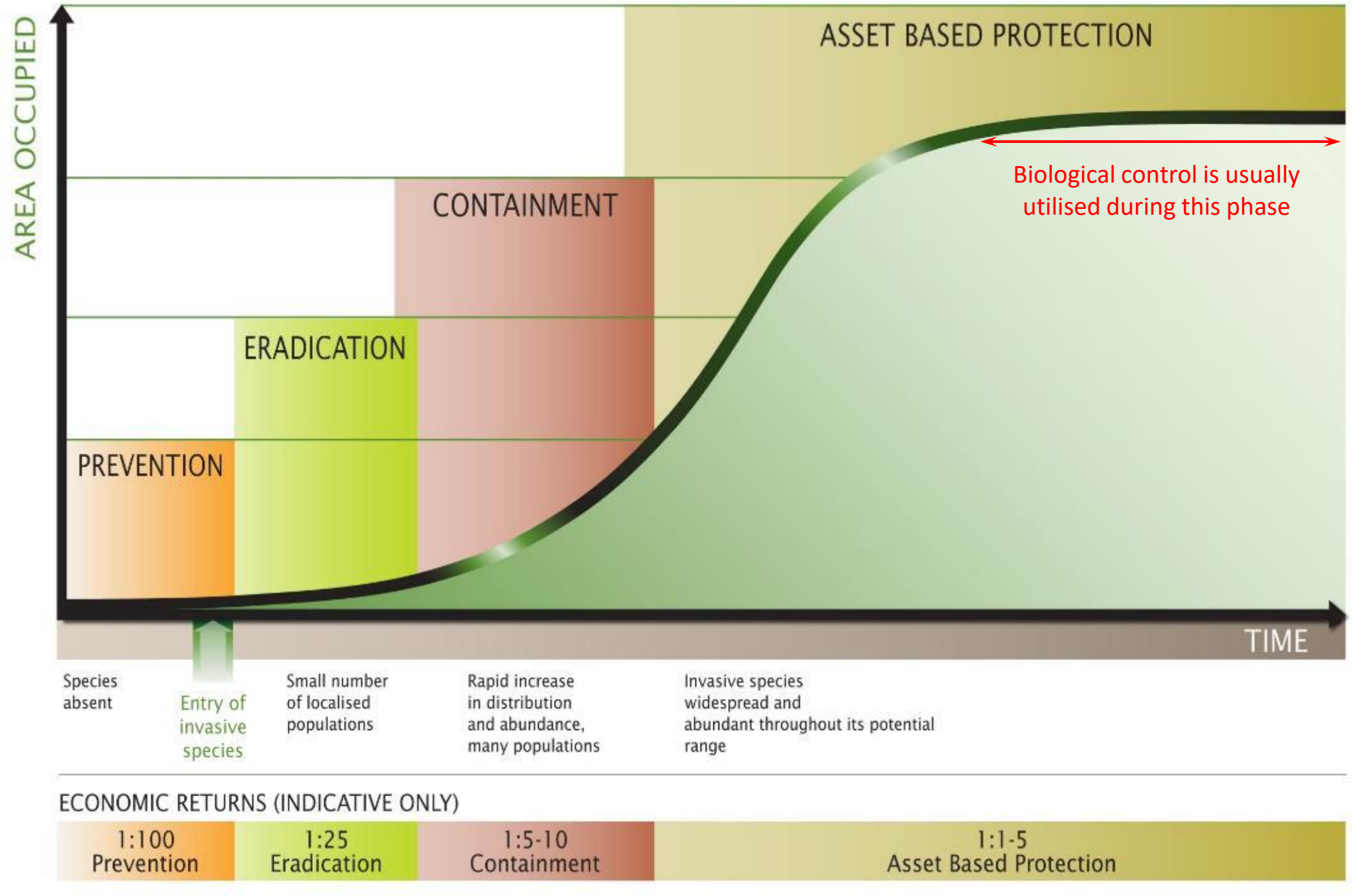
Bio-control Issues

Practical, Low-cost Weed Prevention

Pasture Management for Weedy Sporobolus Grasses and Fireweed Control and Soil Health



Weed invasion & management options



Benefits of biological control

- Control is usually specific to the target weed
- Environmentally friendly and non-toxic
- Self perpetuating once established
- Long term control
- Effect not restricted to one area
- Long term cost is low with high benefit/cost ratios
- Good against weeds where other control methods are non viable or prohibitive

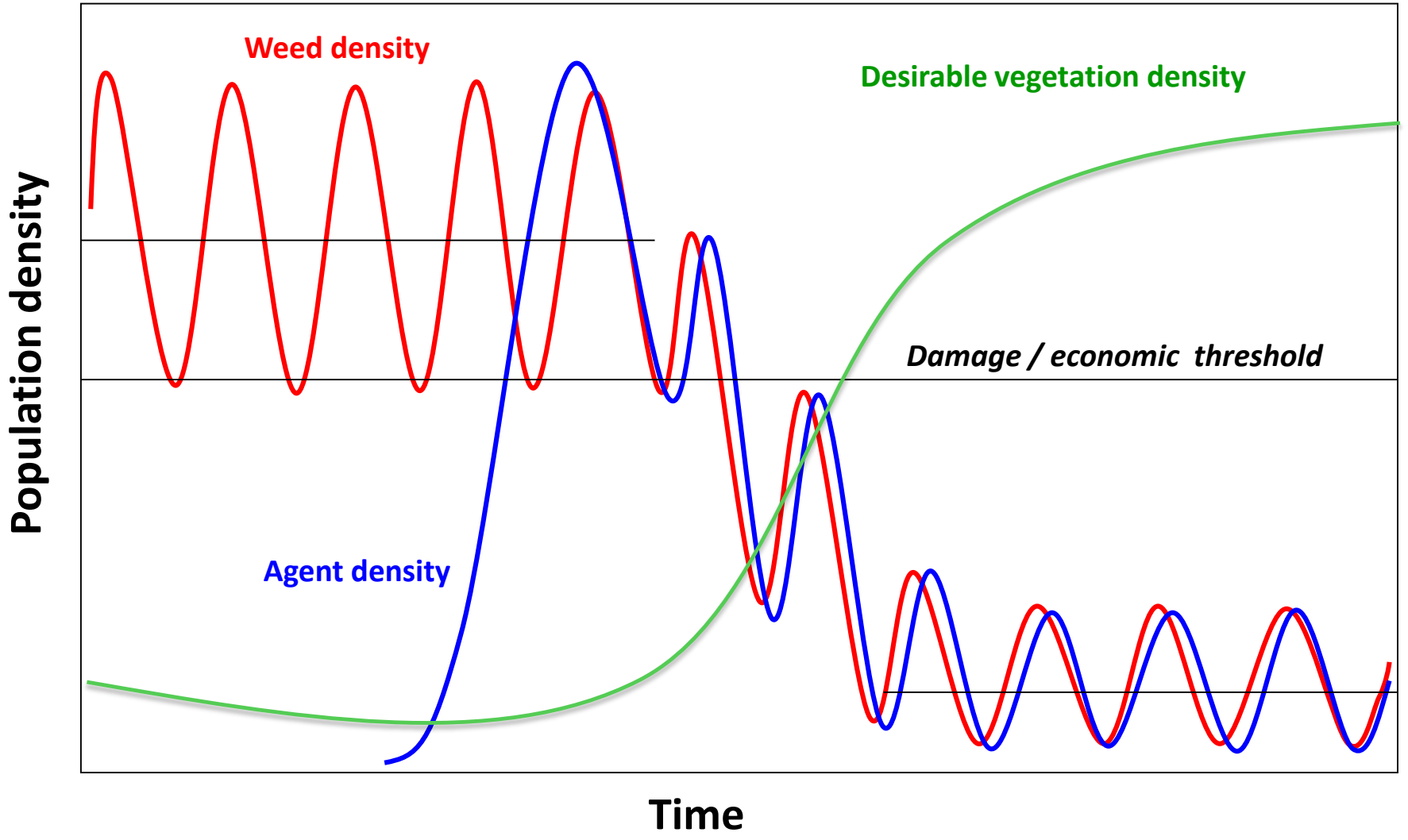
Limitations of biological control

- Initial research when introducing a new agent may take several years to complete resulting in high short term cost
- Long term commitment to a program usually requires Government or other funding agency support
- The release of natural enemies may raise unreasonable expectations resulting in the abandoning of existing control measures
- In Australia, substantial or useful reduction of the target weed only occurs in two thirds of long term programs
- Cannot be commercialised
- In some cases native species have become dependent on the target weed - for example frugivores and weedy species with berries as fruit

Common misconceptions about biological control

- There is a biological control solution for every weed or pest syndrome
- The impact of biological control will be the same as that of using synthetic pesticides
- Biological control will yield immediate results
- There will be no adverse (e.g. “off-target”) side effects

Classical biological control – managing weed impacts



SOIL Trooper
Nigrospora oryzae spores

What ~~Parra~~ Soil Trooper Isn't

- A herbicide
- Harmful to animals, native or commercial plants
- A ‘silver bullet’
- An aproved bio-control for GPG & GRT
- Toxic

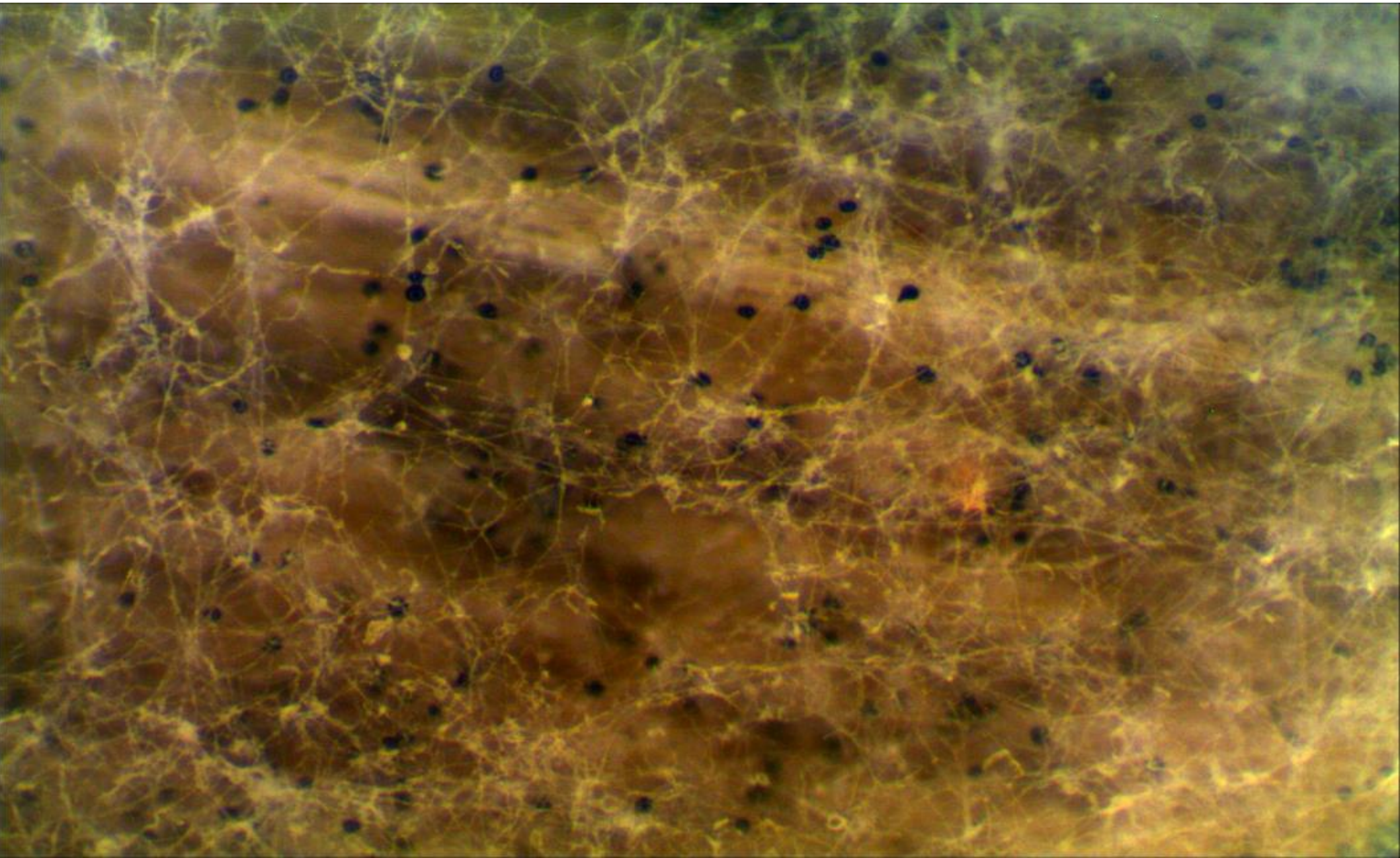
What ~~Parra~~ Soil Trooper Is

- A pure source of **Nigrospora *oryzae***
- A beneficial soil fungi
- A natural microbe
- Produced locally from local fungi

What is it?


SOIL
TROOPER
Nigrospora oryzae
Natural Soil Fungus
assists the breakdown of organic material in pasture soils

Spores and Hyphae



How do I Use it?

Mix it

Strain it

Spray it

When do I Use it

Does it Damage Pasture?

Giant Rats Tail Grass


THE END
QUESTIONS?