

# RADICLE LIVING



## GRO

Concentrated Probiotic Soil Inoculant  
Registration No: M29

**Radicle Living-Gro** is a soluble liquid concentrate of probiotic microorganisms for animal feed or drinking water administration and acts as a soil conditioner and compost activator. **Radicle Living-Gro** supports a balanced and healthy soil and compost microbial ecology.

Use Radicle Living-Gro for:	Benefits of Radicle Living-Gro:
<ul style="list-style-type: none"><li>• Soil preparation</li><li>• Residue management</li><li>• Crop yield</li><li>• Crop quality</li><li>• Composting</li></ul>	<ul style="list-style-type: none"><li>• Improve soil health</li><li>• Increase seed germination</li><li>• Increase seedling growth</li><li>• Improve crop yield</li><li>• Improve crop quality</li><li>• Reduces water/salt/heat/cold/herbicide stress</li><li>• Accelerate large-scale composting efforts</li></ul>

**Contains:** Lactic Acid Bacteria, Saccharomyces Cerevisiae, Purple Non-Sulphur Bacteria

- **Radicle Living-Gro** is not chemically synthesized or genetically engineered or modified. It is non-toxic, non-corrosive, and safe for humans, animals, and plants.
- **Radicle Living-Gro** is not compatible with herbicides, fungicides, or pesticides.
- **Radicle Living-Gro** is compatible with Bacillus spp., Trichoderma spp., Metarhizium spp., and Vesicular Arbuscular Mycorrhizae.
- **Radicle Living-Gro** is compatible with foliar fertilisers, kelp products, fish emulsions and hydrolysates, and humic and fulvic acids.

### DOSAGE & DIRECTIONS FOR USE:

BioPro-Gro is ready to use, mix only as much as directed in the usage guide for each application.

*Note: Dilution should be used within 72 hours.*

#### Rhino Agrivantage (Pty) Ltd

Rhino Agrivantage (Pty) Ltd is a product developer and producer of non-toxic, fully biodegradable, and sustainable probiotic-based chemical alternatives. Rhino Agrivantage (Pty) Ltd is a South African leader in probiotic solutions for human health, home, garden, agriculture, livestock health, industrial and aquaculture applications. Established in 2010, Rhino Agrivantage (Pty) Ltd manufactures a complete line of probiotic products at their Wellington facility. Products are sold nationally through qualified licenses, distributors, and retailers.

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Application		Dilution Example (Diluted with water)	How to use
Composting		1L per 1 cubic meter of organic matter	Apply primarily or as needed to maintain moisture content between 35-45%. Let compost stand under plastic for 4-6 weeks.
Residue Breakdown		10-50L/ha OR Area @ 10-20kg/ha can be added if residue has aged	Apply as foliar to crop residue to increase the rate of decomposition and stimulate soil health.
Seed Treatment		100ml per 10L water	SMALL SEEDS: Soak for 5-10 minutes MEDIUM SEEDS: Soak for 10-20 minutes LARGE SEEDS: Soak for 20-30 minutes
Soil drench for general soil health		20-100L/ha per year	Applications may be distributed throughout the year.
Vegetables		20L at plant OR 10L every 14 days	Apply in irrigation
Lawn & Garden		100ml/m <sup>2</sup> lawn mixed with water	Apply once a month as a spray or as an additive to irrigation systems.
Trees & Flowering Shrubs		Apply 25ml/tree or per m <sup>2</sup>	Spray soil prior to planting or include in irrigation water.
Hydroponic Systems		Dilute 20L per 5000L tank	Apply 1L per cubic meter of fertigation.
Orchards	Citrus	Apply from flower induction till fruit sizing period at 10-20L/ha per application	Soil drench is to be applied via irrigation divided up over the season to achieve the required dose.
	Pome Fruits	Apply from budburst till harvest at 10-20L/ha	2 weeks before flowering, 2 weeks after flowering, Fruit bud development stage, After harvest.
	Pome Fruits	50L per 1000L per ha	Applied to fallen leaf litter to promote degradation.
	Stone Fruits / Table Grapes	Apply from budburst till harvest at 10-20L/ha, Total of 100L/ha	2 weeks before flowering, 2 weeks after flowering, During fruit ripening, After harvest.
Cereals	Wheat	10-20L/ha	At plant through pivot or planter.
	Wheat	10L/ha	Tillering stage.
	Wheat	20L/ha	Flag leaf stage.