

Scavenger

SOIL AMELIORANT

KEY FEATURES

- ✓ Produces compounds to assist with enhancement of crop productivity and healthy soils
- ✓ Can be used as a living mulch in companion to some crops
- ✓ Plant based green manure soil ameliorant to support healthy crops and soils
- ✓ Scavenger hosts and promotes VAM and increases microbial and beneficial fungi activity
- ✓ Assists with nutrient cycling efficiency and uptake of macro nutrients in following crop
- ✓ Fast de-composition due to structure of plant
- ✓ Supports IPM system in horticultural and cotton

VARIETY DESCRIPTION

Scavenger is best used as a green manure soil health enhancer to increase beneficial microbial and fungi activity. Scavenger also helps to increase nutrient cycling to promote healthier crops in vegetable and cotton systems. Scavenger has been bred using advanced conventional breeding technology and is not a GMO. This product provides a systems approach to soil health complementing an integrated pest management program.

AGRONOMY

Crops respond to healthy soils and are less impacted by stress. Reducing disease and improving nutrient uptake means plants have more energy for growth and production. Through adopting a biological approach to remediate and revive soils, Scavenger provides a sustainable option towards achieving crop production and yield security through decreasing soil pathogens and building healthy soils.



For best results cut when crop reaches 1.5 metres high with a mulcher mower. This mulching process ensures rapid break down of biomass material. For best performance from Scavenger we recommend that you allow sufficient time post-incorporation for organic material breakdown and enzyme transfer. This timeframe can vary depending on temperature, soil type and other environmental impacts. Fine chopping and incorporation into the soil is the most important aspect to achieve best results. For very short rotation turnarounds we recommend the addition of a stubble decomposer product called Digester. The use of Digester will ensure reliable and rapid breakdown of material and support beneficial bacteria and fungi development while providing additional nutrients to the soil. This also lessens the risk of some harmful pathogens developing that present a risk to crops.

For best establishment it is important to plant Scavenger into warm soils around 16°C.

Planting into soils below this temperature can impact on establishment, vigour and overall performance of the variety.

GUIDE TO SOIL TEMPERATURE EFFECTS

°C	Effect	Outcome
12°C	Slow germination providing time for soil borne pests and diseases to attack	Poor emergence coupled with increased incidence of soil diseases including but not limited to Pythium and Fusarium
15°C	Satisfactory germination	50% emergence to be expected. Similar disease expectations as at 12°C
16°C	Good germination	Adequate for good emergence
18°C	Good germination	Good, quick emergence
20°C	Ideal	None

SUGGESTED SOWING RATES

- ▶ Horticulture full irrigation 15 kg/ha
- ▶ Partial Irrigation 6-10 kg/ha

SEED AVAILABILITY

Available through all national rural resellers.

Your local agronomist will be happy to assist you with more information and advice.

Information provided here is a guide only. Results can vary greatly depending on climate, soil and local circumstances. This information sheet should not be used as a replacement for expert advice or judgement. Conditions for Sale and Restrictions on Use are listed on the bag and should be referred to. All liability is excluded to the full extent permitted by law.