



# *Ground Control*

*Tagetes patula*

Maximum control of *Pratylenchus penetrans* by using Tagetes 'Ground Control'



**TAKII SEED**





### **'Ground Control' worthwhile**

Recent research<sup>1</sup> with 'Ground Control' performed by Wageningen University & Research (WUR) has revealed that growing *Tagetes patula* as a green manure crop has a positive impact on the yield of potatoes, among other crops. In addition, *Tagetes* 'Ground Control' contributes to the supply of organic matter and improves the structure and moisture-retention capacity of soil. In general, 120 tons of fresh mass per hectare is produced, which produces a considerable amount of effective organic matter.

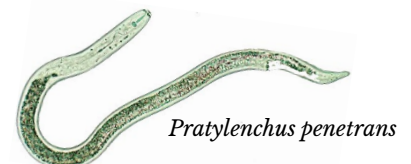
**Tagetes patula 'Ground Control' was specially developed by Takii for growers who want to suppress harmful lesion nematodes in the most efficient, cost-effective and environmentally friendly way.**

- 'Ground Control' helps by managing these harmful pests that cause lower yields and poor quality in crops.
- Multi-year research<sup>1</sup> performed by Wageningen University & Research(WUR) using 'Ground Control' has demonstrated that 'Tagetes' is an efficient and cost-effective cover crop that can reduce lesion nematode populations.
- Tagetes patula 'Ground Control' has the most potent controlling properties of the lesion nematode *Pratylenchus penetrans* compared with Tagetes erecta, Tagetes minuta or mixtures.
- In addition to controlling nematode populations, 'Ground Control' promotes the supply of organic matter and improves the soil structure.
- Above ground, Tagetes 'Ground Control' delivers a valuable contribution to biodiversity.

## Maximum control

Tagetes 'Ground Control' provides maximum control of *Pratylenchus penetrans*. Growing 'Ground Control' successfully is half the hard work.

These tips will help you:



- Sowing rate of seed: 5-10 kg per ha.
- Sowing is possible from mid-May to mid-August.
- For optimal results, sowing is recommended between mid-June and mid-July.
- A grain seeder can be used, provided the Tagetes seed is kept moving freely and clumping is prevented by keeping the seed loose.
- Sowing depth: 0.5 to 1 cm.
- Preferably sow on a damp surface for good germination.
- Tagetes needs a nitrogen application of approximately 50-80 kg pure N/ ha.
- It is extremely important to keep the crop free from weeds. Weeds promote the multiplication of nematodes.
- For optimal performance, growing the crop for at least 100 days is recommended.





## All about nematode

Lesion nematodes mainly cause problems on sandy soils, dune sand, cover sand and reclaimed peat soils. The main crops susceptible to lesion nematodes are potatoes, seed onions, carrots, lilies, roses, strawberries and (fruit) trees.

For detailed information on how to recognise and manage nematodes visit [www.best4soil.eu](http://www.best4soil.eu)

## Availability

Tagetes patula 'Ground Control' was bred by Takii and has Plant Breeders' Rights protection. When you ask your seed supplier for 'Gound Control' you are guaranteed of the right quality for optimal results. You can also contact Takii directly to inquire about 'Ground Control' and seed availability.

<sup>1</sup> The findings of the research performed by Wageningen University & Research (WUR) using 'Ground Control' can be found at <https://edepot.wur.nl/474551>



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