



**OUR ASSURANCE FOR YOUR CROP**

**Naturally occurring material**



**FUMIGANTS**



## **Optimal solution for soil bed protection**

➤ **Dominus controls soil-borne pests and provides high return on investment for innovative growers focused on maximising crop yields.**

➤ **Soil fumigants are the foundation of growers' needs to secure excellent crop protection by significantly increasing the yield and reducing the number of agrichemical applications.**

**Modern, innovative technology, excellent broad spectrum, for the control of key nematodes, weeds and soil fungi;**

**Dominus is a reliable product:**

- **Allows a shorter re-entry period between treatment and transplanting than competitors.**
- **Selective for the crops where tested, showing no toxicity on all tested crops.**



**The power of nature**

## > KEY ADVANTAGES

- Dominus is delivered to the soil by the irrigation system.
- Drip irrigation takes place under sealed covers (TIF, VIF, PE films) limiting worker exposure during the application process.



## > DRIP APPLICATION METHOD PHASING



The concentration of Dominus in irrigation water **must be kept constant** at between 1-3 ml of product/l of water (1000/3000 ppm). Rate is 280 l of product/ha.

-10/-5 days before treatment	Treatment day	
<ul style="list-style-type: none"> <li>• Soil preparation</li> <li>• Drip irrigation system organization</li> <li>• Plastic film spread up</li> <li>• If necessary, make an irrigation</li> </ul>	Soil coverage: <b>10-14 days;</b> Aeration: <b>1 day only</b>	 Trasplanting

### Market standard

-10/-5 days before treatment	Treatment day	
<ul style="list-style-type: none"> <li>• Soil preparation</li> <li>• Drip irrigation system organization</li> <li>• Plastic film spread up</li> <li>• If necessary, make an irrigation</li> </ul>	Coverage + Aeration: <b>21-28 days</b>	 Trasplanting





## > SOIL MOISTURE

- 1) When Dominus reaches the soil, it **enters a gaseous state** and carries out its fumigating action by occupying the macro - and micro - porosity.
- 2) Dominus applications must be done when soil moisture is **slightly below water field capacity**.



**Sandy soil**



**Loamy soil**



**Clay soil**

## > BROAD SPECTRUM



Dominus is effective against many kinds of organisms living in the soil and has multi-site action.

**Nematodes** (Root knot, Root-lesion, etc.): *Meloidogyne spp*, *Globodera spp*, *Pratylenchus spp*, *Xiphinema spp.*; *Trichodorus e Partrichodorus spp*.

**Fungi** (Soil borne): *Fusarium*, *Rhizoctonia*, *Phytophthora*, *Pythium*, *Macrophomina*, *Verticillium*.

**Weeds** (Monocots & Dicots): *Medicago polymorpha*, *Cyperus spp*, *Malva*, *Erodium spp*, *Portulaca oleracea*.

## Safety first - Protect your crop and yourself.

### STEWARDSHIP

**PPE** - When performing activities with the potential for liquid contact, all handlers (including applicators) must wear:

Coveralls worn over long-sleeved shirt and long trousers



Respirator



Chemical-resistant (such as nitrile or butyl) gloves.



Chemical-resistant footwear plus socks.