

BIOLOGICAL GROWTH PROMOTER



GLIOMix[®]

Wettable powder containing dried spores and mycelium of a naturally occurring *Gliricium* soil fungi.

A biological growth promoter for effective seedling production of ornamentals, bedding plants, vegetables, herbs, & salad crops.

GLIOMix improves emergence rate, strengthens root systems, increases the biological activity of the growth substrate and improves resistance to environmental stress.

fargro[®]

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ALWAYS READ THE LABEL BEFORE USE

GLIOMIX[®]

- A biological growth promoter for use in seedling production.
- Promotes growth by:
 - Improving emergence rate;
 - Strengthening root systems;
 - Increasing the biological activity of the growth substrate;
 - Improving resistance to environmental stress.

GENERAL INFORMATION

In trials GLIOMIX has improved yields by up to 15%. GLIOMIX contains the beneficial fungi *Gliricium* which colonises the plant roots, strengthening root growth and helping prevent harmful microbes attacking the plant roots.

Seedlings treated with GLIOMIX develop into high quality plants with healthy strong roots. GLIOMIX can be used on ornamentals, bedding plants, herbs, vegetables and salad crops.

DIRECTIONS FOR USE

Application

GLIOMIX is used at the sowing or transplanting stage. Mix GLIOMIX with the growth substrate as an aqueous suspension or use it as a drench treatment.

Use 30 to 50 grams of GLIOMIX per 100 litres of growth substrate or 10 to 20 grams per m² of seedling beds or trays.

GLIOMIX powder is easy to suspend in water and the microbes are quickly activated in the water. Agitate the suspension before and during use. Do not use GLIOMIX by spraying or in drip irrigation as large particles may block the spraying equipment or drippers.

Preparing of Gliomix Suspension:

The 1% suspension is made by dispersing 100g powder into 10 litres of water. The 0.2% suspension is made by dispersing 100g powder with 50 litres of water. The suspension should be agitated carefully until the suspension is homogenous and agitated again at intervals during use.

Tomato

Incorporate in the growing media before potting (use 1% water suspension applied in 3-5 litres per 100 litres of growth substrate) or drench the root balls with 0.2% suspension immediately after potting.

Adjust the application rate according to size of pot or cube. Repeat the drench treatment prior to transplanting (use 0.2% suspension, 100ml per plant).

Cucumber

Seedlings in rockwool:

Use 10-15 ml of 0.2% suspension at the emergence stage for small sowing cubes and 100-200 ml per planting cube prior to transplanting.

Seedlings in peat or soil mixture:

Incorporate 3-5 litres of 1% suspension per 100 litre of growth substrate or drench seedling trays immediately after sowing with a 1% suspension (use 1-2 litres per m²). Repeat the drench treatment at the transplanting stage (use 0.2% suspension, 100-200 ml per plant).

Lettuce, herbs, bedding plants and vegetables:

Incorporate in the growing media before sowing (use 1% water suspension, 3-5 litres per 100 litre of growth substrate) or drench seedling trays immediately after sowing (use 1% suspension, 1-2 litre per m²) ie 10-20 g per m².

Leeks: Drench the seedling trays after emergence.

Bedding plants: If seedling production period is longer than one month, repeat the treatment when potting. When drenching pots adjust the application rate according to pot size.

Optimum Temperature and pH:

The optimum temperature for GLIOMIX is 15°C to 25°C, but it is effective between 10°C and 30°C. GLIOMIX is inactive below 5°C and above 34°C.

GLIOMIX is effective within the pH range of 5.0 to 7.5.

Integrated Application & Compatibility:

GLIOMIX is compatible with most pesticides. An interval between treatments may be necessary. GLIOMIX and the root inoculant, STIMAGRO are complementary to each other. STIMAGRO can be applied 1 week after a GLIOMIX application.

COMPATIBILITY WITH PESTICIDES

GLIOMIX is harmless to beneficial insects and is compatible with most pesticides. Most products can be applied on the same day as GLIOMIX. The compatibilities of GLIOMIX with common pesticides and recommended intervals are listed below.

Active ingredient	Recommended interval, days	Active ingredient	Recommended interval, days
Fungicides:		Insecticides & Acaricides:	
Imazalil	4	Buprofezin	0
Iprodione	4	Cypermethrin	2
Mancozeb	2	Deltamethrin	0
Propamocarb hydrochloride	0	Fenbutatin oxide	2
Sulphur	0	Malathion	0
Thiophanate-methyl	4	Pirimicarb	0
Thiram	4	Pyrethrins	0
Tolclofos-methyl	2		

STORAGE

Store unopened packages in a cool, dry place (below +8°C). GLIOMIX remains active for up to one year.

At room temperature (maximum +25°C) unopened packages can be stored for up to two weeks.

Store opened package, tightly closed, in a cool place and use within one month.

Use GLIOMIX suspension on the same day of preparation.

Growth substrate treated with GLIOMIX should be used within one week.

PRECAUTIONARY STATEMENTS

GLIOMix

Contains dried spores and mycelium of *Gliocladium*.



IRRITANT

MAY CAUSE SKIN SENSITISATION BY SKIN CONTACT.

Keep out of reach of children.

Do not breathe dust.

Avoid contact with skin.

Wear suitable protective clothing and gloves.

In case of insufficient ventilation, wear suitable respiratory protection.

NOTICE TO USER

The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification, but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the supply or use thereof, whether caused by negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable.

A consumer's statutory rights are not affected.

Pack size: 100 grams and 1 kg.

® GLIOMix is a registered trademark of Verdera Oy.

Manufactured in Finland for Kemira UK by:

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Safety data sheet available on request.

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