

DATA SHEET

TRICHONATIVA® HORTALIZAS (SC)

BIOLOGICAL FUNGICIDE CONCENTRATED SUSPENSION

Trichonativa Hortalizas® is a biological fungicide based on *Trichoderma* spp., in concentrated suspension 1 x 10⁹ CFU/ml, with a broad spectrum of action on the fungi indicated in the instruction table, acting by competition, antibiosis and predation. It has a stimulating effect on growth in the indicated crops.

The strains of **Trichonativa Hortalizas®** used have fungicidal action through competition, antibiosis and predation of phytopathogenic fungi indicated in the Instructions for Use Table.

Biological fungicide based on conidia and mycelium of the fungi *Trichoderma harzianum* strain Queule, *Trichoderma virens* strain Sherwood and *Trichoderma parceramosum* strain Trailes.



SAG CHILE Registry N° 2.859-O
Authorized by SAG for Use in Organic Agriculture

Formulation:

COMPOSITION	(%w/w)
<i>Trichoderma harzianum</i> strain Queule*	1.217% w/v (12.17% g/l ≈ 12.17 g/kg)
<i>Trichoderma virens</i> strain Sherwood**	1.217% w/v (12.17% g/l ≈ 12.17 g/kg)
<i>Trichoderma parceramosum</i> strain Trailes***	1,217% p/v (12,17% g/l ≈ 12,17 g/kg)
Coformulants q.s.c.	100% w/v

*Contains a strain sum concentration of 1x10⁹ CFU/ml.

Apply every 30 days through irrigation or

CROP	PATHOGENS	DOSE	OBSERVATIONS
Paprika and chili	Basal rot (<i>Phytophthora capsici</i>) Seedling Drop (<i>Pythium spp</i> , <i>Phytophthora capsici</i>)	0,1 l	Apply at sowing, transplanting and 10 days post-transplanting through irrigation or sprinkling to the soil with a wetting of 200 to 600 l/ha, according to plant size.
Brásicas (broccoli, cabbage and cauliflower)	Rhizoctoniasis (<i>Rhizoctonia solani</i>) Sclerotiniosis (<i>Sclerotinia sclerotiorum</i>)	5 cc/l of water	Apply every 20 days, during seedling, through irrigation or spraying to the substrate. Application in head formation and head cutting in cabbage for seedlings with a wetting of 200 to 600 l/ha, according to plant size.
Clavel	Angular spot (<i>Cladosporium echinulatum</i>)	5 cc/l of water	Apply by spraying from flowering every 15 days, 3 applications per season, with a wetting of 500 l/ha.
Tomato	Fusariosis (<i>Fusarium oxysporum</i>) Root rot and neck (<i>Phytophthora infestans</i> mating type A1) Gray rot (<i>Botrytis cinérea</i>)	0,1 l 0,15 l	Apply through irrigation or sprinkling to the soil every 7 days in seedbed and every 30 days in field, with a wetting volume of 500 l/ha. Apply at flowering and against conditions until harvest. Use the lower dose Use the lower dose in case of prevention and the higher dose in the presence of disease symptoms in the crop.
Lettuce	Seedling drop <i>Phytophthora cryptogea</i> , <i>P. cinnamomi</i>)	5 cc/l of water	For seedling fall apply every 20 days. During nursery, through spraying to the substrate or immersion of seedlings. seedlings.
	Seedling drop (<i>Botrytis cinérea</i>)	1 l/ha	In transplanting, irrigation application For gray rot apply foliar application every 15 days, with a wetting of 200 to 400 l/ha.
	Esclerotiniosis (<i>Sclerotinia sclerotium</i>)	10 cc/l of water	En trasplante, aplicación por inmersión

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		1,5 l/ha	Apply by spraying 7 days after transplanting, with a wetting of 400 l/ha.
Proteáceas leucadendron and protea	Seedling drop (<i>Botrytis cinérea</i>) <i>Cladosporium</i> sp. (<i>Alternaria alternata</i>)	1,5 l/hl	Foliar application every 7 days, with a wetting volume of 200 to 400 l/ha.
	Fusarium (<i>Fusarium oxysporum</i>)	0,1 l/hl	In nursery, to control Fusariosis, apply in transplant and post-transplant through irrigation or soil spraying.
Beet	Rhizoctoniasis (<i>Rhizoctonia solani</i>) Sclerotium (<i>Sclerotium rolfsii</i>).	0,1 l/hl	Application at sowing and 15 days after sowing with a volume of 300 l/ha.
Radiata pine	Growth stimulation	2 cc/l of water	Apply every 30 days through irrigation or sprinkling to the soil with a wetting volume of 1000 l/ha.

Preparation of the mixture: Shake the container vigorously before use, fill the application equipment with half of the water to be used, empty the necessary amount of **Trichonativa® Hortalizas**, shake vigorously and then top with the desired amount of water. Maintain constant agitation during the preparation and application of the pesticide, to maintain a uniform mixture. The preparation should be applied no later than 4 hours after preparation.

Trichonativa® Compatibility Hortalizas: Do not mix with other pesticides without first performing a compatibility test.

Trichonativa® Incompatibility Hortalizas: Incompatibility for joint applications with industrial or household disinfectants, cupric compounds, antibiotics and any chemical product.

Trichonativa® Phytotoxicity Hortalizas: There is no phytotoxicity in the recommended crops. Do not apply this product to edible mushroom crops or substrates to be used on them. Do not apply in enclosed areas with the presence of these crops. Outdoors, it is recommended to apply at a distance of 20 meters from each edible mushroom crop or substrate to be used in them.

Grace period: There are no waiting days.

Re-entry time to the treated area: It is possible to re-enter 2 hours after application, once the deposit has dried on the foliage, in the case of people. In animals, it does not apply, as these crops are not for animal consumption.

Non-toxic to aquatic organisms, fish, birds, animals or bees.

Use in organic and biodynamic agriculture:

Product suitable for use in Organic Farming according to: NOP Regulation and JAS Regulation.

Control ECOCERT F - 32600.



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