



Subtilex[®] NG

Biological Fungicide

Biological Fungicide for Root Disease Prevention

Subtilex® NG Biological Fungicide

Subtilex® NG bio-fungicide protects against soil borne pathogens. The *Bacillus subtilis* bacteria rapidly colonize root surfaces, multiplying and growing with the roots, as well as producing metabolites that preventively limit growth and development of disease organisms which provides a level of protection against diseases like *Rhizoctonia solani*, *Fusarium* spp. and *Pythium* spp.

The plant-growth-promoting bacteria **Subtilex NG** produces an endospore that allows it to endure extreme environmental conditions like heat and desiccation, providing a more flexible application window.

The dry, water dispersible formulation of **Subtilex NG** mixes easily for trouble-free applications that won't clump or clog equipment.

Ideal for use in IPM programs, **Subtilex NG** biological fungicide will not harm non-target organisms like beneficial nematodes.

As opposed to other biological fungicides, **Subtilex NG** is tank-mix compatible with conventional fungicides and will not harm non-target organisms such as beneficial nematodes or other beneficial insects.

Plants treated with **Subtilex NG** are stronger and healthier with overall uniform growth. The result is high quality plants and happy customers.

Available in 6x2 oz. (56.7 g) bottles.

In the photos below, cucumber and pepper plants were infected with *Rhizoctonia solani* or *Fusarium* spp. pathogens.

Plants protected by **Subtilex® NG** showed:

- Greater seedling emergence.
- Less incidence and severity of disease.

Rhizoctonia solani in cucumbers and peppers



Fusarium spp. in peppers



All plants in the photos above are infected with *Rhizoctonia solani* or *Pythium* spp., but only the plants on the right side of each photo were treated with **Subtilex NG** at planting.

Directions For Use

Subtilex® NG should be used within an integrated pest management (IPM) program. Apply **Subtilex NG** directly to the soil or as a drench when the crop is planted. It is ideal for use on greenhouse and nursery ornamentals, vegetables, herbs and fruits.

Pre-plant growing media amendments:

- Apply **Subtilex NG** at a rate of 0.05-0.07 oz./yd³ of soil or growing media (1.8-2.6 g/m³).
- Use the higher rate when environmental conditions are favorable for disease development.
- Constant agitation is required to maintain **Subtilex NG** in suspension.
- Apply **Subtilex NG** as a water based slurry in a volume of water sufficient for uniform distribution.
- Typical application volume is 1-20 gal./yd³ (5-100 L/m³) of soil or growing media.
- Ensure product is thoroughly mixed into the soil or growing media.

Field and greenhouse post-plant applications:

- Mix 0.2-0.4 oz. of **Subtilex NG** in 100 gal. of water (15-30g/1,000 L).
- Use the higher rate when environmental conditions are favorable for disease development.
- Constant agitation is required to maintain **Subtilex NG** in suspension.
- Apply evenly with conventional application equipment to thoroughly soak growing media or soil through root zone.

Suggested Rates

Rate oz. / scoop or tsp.	Water volume gal.
0.4 / 3	100
0.8 / 6	200
1.2 / 9	300
1.6 / 12	400
2 / 15	500

Amount of pots treated

4 in. pots	6 in. pots	8 in. pots
8,500	2,300	1,000
17,000	4,600	2,000
25,000	6,900	3,000
34,000	9,200	4,000
42,650	11,500	5,000

*A 5 cc scoop is included in the **Subtilex NG** container.



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888-566-5506

Always read and follow label directions.

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