

# MENNO Florades®

Special Disinfectant against:

## Fungi, Bacteria, Viruses and Viroids:

for the scope of floriculture, horticulture and agriculture (potato stores)

### Hygiene measures in potato warehouses and pre-germination sheds

We recommend thorough cleaning and disinfecting before storage so that disease causing agents from last year's harvest do not infect the new potato harvest.

Soil and the remains of potato tubers must be completely removed by thorough vacuuming. Trays, floors, walls, loading areas, vehicles and equipment should be cleaned using a high pressure cleaner.

Surfaces must then be allowed to dry off (grey concrete), so that the disinfectant solution does not run off or the effects of the disinfectant are diluted.

The benefits from all disinfectants can only be achieved by extending the contact of the disinfectant with the contaminated surface.

**MENNO Florades** has effectiveness against the following fungal and bacterial pathogens of potatoes:

#### MENNO documentation:

Against „**Clavibacter michiganensis ssp. michiganensis**“

Test report Prof. Dr. W. Wohanka, State Research Institute Geisenheim, Germany, 03.09.1996

Against „**Clavibacter michiganensis ssp. sepedonicus and against Pseudomonas solanacearum**“

Test report Prof. Dr. W. Wohanka, State Research Institute Geisenheim, Germany, 28.04.1997

Against „... **PVY, Potato virus Y Potyvirus, ...,PVX, Potato virus X Potexvirus, ... PSTVd, Potato spindle tuber viroid**“

Test report Prof. Dr. E. Maiß, University Hannover, Institute for Plant diseases and Plant protection, Germany, 12.01.1998

Against „**Phytophthora cinnamomi, Cyindrocladium scoparium, Rhizoctonia solani, Alternaria sp., Colletotrichum sp.**“

Test report Prof. Dr. W. Wohanka, State Research Institute Geisenheim, Germany, 31.08.1998

Against „**Ralstonia solanacearum**“

Test report Prof. Dr. W. Wohanka, State Research Institute Geisenheim, Germany, 31.05.2000

Against „**Erwinia carotovora ssp. atroseptica, Erwinia carotovora ssp. carotovora, Fusarium solani var. coeruleum, Helminthosporium solani**“

Test report Prof. Dr. W. Wohanka, State Research Institute Geisenheim, Germany, 12.09.2000

Recommendations for treatment by use of Plant protection sprayers or the MENNO® Disinfectant Applicator (see on the right).

Application on surfaces, e.g.:  
**boxes, trays, warehouses, floors, walls, partitions, transporters, tractors, vehicles, tires, loading areas, machines, equipment, conveyor belts, etc.**

#### MENNO® Disinfectant applicator



For connection on a hose with a snap-connector, automatically, exact dosage of product, treatment as foam.

- Spray control for application
- Longer exposure times
- Protection of workers

Rate of dose: 2 % = 2 litres MENNO Florades® to 100 litres water

Dose of this solution: 0,6 to 0,8 l/m<sup>2</sup> ie. sufficient for thoroughly wet the surface

## MENNO CHEMIE-VERTRIEB GMBH

Langer Kamp 104 · D-22850 Norderstedt · P.O. Box 3310 · D-22826 Norderstedt · Germany  
Tel: +4940 529 06 67-0 · Fax: +4940 529 06 67 66 · E-mail: info@menno.de · Home: www.menno.de