

Why **SOLAN™ MZ** Works

MANCOZEB is an ethylene bisdithiocarbamate fungicide (EBDC) that interrupts fungus cell development at six sites.

The combination of proprietary inerts and the fungicide, MANCOZEB, enhances the wound healing process, provides a rapid and uniform restoration of the cut surface and helps prevent the penetration of pathogens in the seed-piece.



Fusarium – Disease Management At Planting

1. Use clean seed; store in a disinfected facility.
2. Warm seed tubers to approximately 7°C (45°F) prior to cutting to promote rapid healing.
3. Remove diseased tubers prior to cutting.
4. Disinfect seed cutting and handling equipment between seed lots and ensure that cutters are sharp to make a clean cut that heals quickly.
5. Don't store treated and cut seed for too long.
6. Use a registered fungicide seed treatment such as *SOLAN MZ*, but follow a resistance management strategy.
7. Test your seed source for Fusarium if possible.
8. Plant when soil and temperature conditions promote rapid sprout growth and emergence.



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SOLAN™ MZ

POTATO ST FUNGICIDE
Potato Seed-Piece Treatment





SOLAN™ MZ Key Attributes

New Carrier System

SOLAN MZ is a new potato seed-piece treatment with a new carrier system containing proprietary inerts. The new carrier system helps in drying and contains no bark so it is not irritating.

Contains MANCOZEB

SOLAN MZ contains MANCOZEB, which is a multi-site fungicide that provides excellent control of Fusarium Dry Rot. This is important for resistance management. Fusarium is not resistant to *SOLAN MZ*.

SOLAN MZ Key Benefits

The above attributes mean that *SOLAN MZ* is beneficial in the following areas:

- Prevents Fusarium Dry Rot Infection.
- Dries seed-pieces quickly minimizing the risk of secondary bacterial infection.
- Contains no bark, which is a known irritant.
- Fusarium shows no resistance to *SOLAN MZ*.
- Uniform coverage leads to better stands and yields.
- Provides high return for little investment.
- Convenient to use - 20 kg bags.



Using SOLAN™ MZ

To produce a high-yielding, high-quality crop, you must start with high-quality seed. Pay particular attention to the condition of the seed; it should not have tubers with symptoms of Fusarium Dry Rot. The condition of the seed-piece at planting time is an important aspect of a successful harvest.

SOLAN MZ is applied once the seed is cut and just prior to planting at a rate of 500 g per 100 kg of seed. It is easy to apply and will give a uniform coverage of the seed-piece. It will dry the seed-piece quickly and effectively, allowing for easy planting.

The multi-site fungicide, MANCOZEB, in *SOLAN MZ* is effective in protecting the spread of Fusarium Dry Rot to other seed-pieces. Fusarium is not resistant to *SOLAN MZ*. Fusarium Dry Rot leads to seed-piece decay, which causes potato stand reduction. Cutting the seed prior to planting increases the potential for transmission of infection. *SOLAN MZ* also contains new, proprietary inerts, so there is no irritation as compared to other MANCOZEB products.

Using *SOLAN MZ* seed-piece treatment has resulted in overall increases in yield by giving excellent early season protection against Fusarium Dry Rot and by protecting potato seed-pieces in cold, wet soils.

Photo courtesy of GWR Visser Farms, P.E.I., Canada

