



Emesto™ Silver

New Potato Seed-piece Treatment for Disease Control

Emesto™ Silver is a liquid fungicide potato seed-piece treatment for protection against several major diseases in one convenient package.

- Emesto™ Silver contains two active ingredients new to potato seed-piece treatments, penflufen and prothioconazole.
- Emesto™ Silver provides superior protection against seed-borne *Rhizoctonia*, *Fusarium* (including resistant strains) and good activity on **silver scurf**.

EMESTO™ SILVER PROTECTS POTATOES AGAINST:

- ***Fusarium*** tuber rot, including resistant strains
- **Seed-borne *Rhizoctonia*** (black scurf and stem and stolon canker)
- **Silver scurf** (*Helminthosporium spp.*)

Seed-borne *fusarium* (held seed)

Emesto™ Silver treated seed-pieces withstand natural infection after being held for 61 days versus the untreated



UNTREATED

EMESTO SILVER TREATED



Emergence with seed-borne *Fusarium*

**UNTREATED
NON-INOCULATED**



**UNTREATED
INOCULATED**



EMESTO™ SILVER



MANCOZEB



**THIOPHANATE-
METHYL**



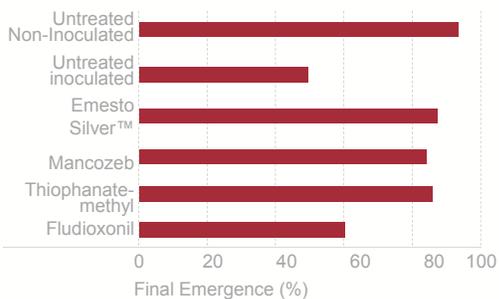
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FUSARIUM RESEARCH TRIALS

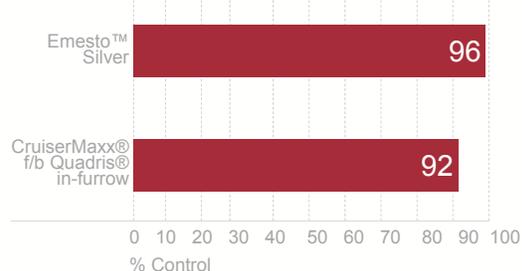
Final Emergence of Seed-Borne *Fusarium*
(Inoculated Trials)

Source: 5 trials, 2009- Alberta, Manitoba, Ontario and PEI



Percent Control of Seed-Borne *Fusarium*
On Held Seed (Non-Inoculated)

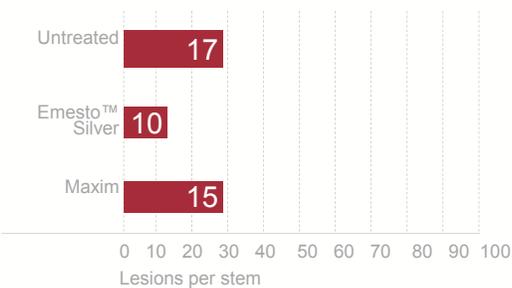
Source: 1 trial, 2009 – Oregon



SEED-BORNE RHIZOCTONIA RESEARCH TRIALS

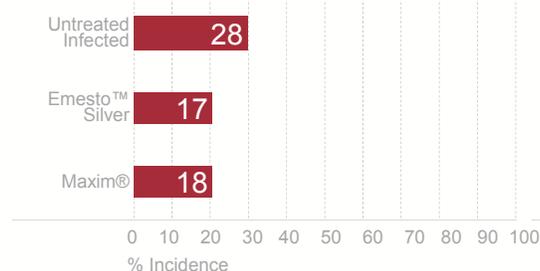
Number of *Rhizoctonia* lesions on
Stems and Stolons

Source: 2010 data, Idaho



Percent Severity of Seed-Borne *Rhizoctonia* on Stems
and Stolons

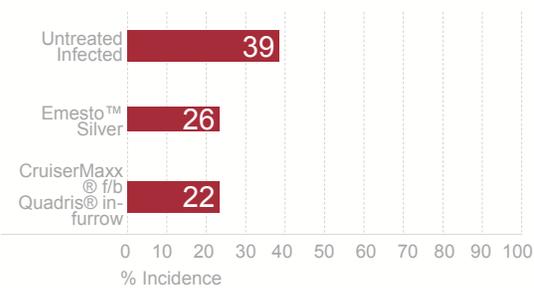
Source: 2010 data, Idaho



SILVER SCURF RESEARCH TRIALS

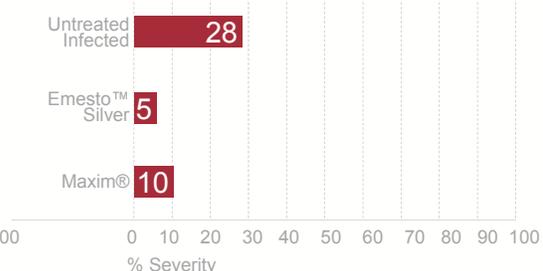
Percent Incidence of Silver Scurf on Tubers

Source: 3 trials, 2008- Oregon and Minnesota



Percent Severity of Silver Scurf on Tubers

Source: 2 trials, 2007-2008- Ontario and PEI



Note: *Fusarium* trials may contain strains that are resistant to fungicide industry standards.

IMPORTANT: This bulletin is not intended to provide adequate information for use of this product. Read the label before using these products. Observe all label directions and precautions while using these products.