

Jean Ristaino

Phytophthora infestans - causes late blight

- infects tomatoes + potatoes
- responsible for the Irish Potato Famine
- dispersed asexually from sporangia and by tubers

Not a fungus

- Straminopila -

- related to brown algae
- no chitin

Genotyping

RFLP

PGI

Peptidase

Mating type

mtDNA

RG57 Fingerprint

Herbarium specimens

5.8S rRNA + ITS DNA

100bp fragment

1. $\frac{1}{x^2} = x^{-2}$

2. $\frac{d}{dx} x^{-2} = -2x^{-3}$

3. $= -2x^{-3}$

4. $= -\frac{2}{x^3}$

5. $= -\frac{2}{x^3}$

6. $= -\frac{2}{x^3}$

7. $= -\frac{2}{x^3}$

8. $= -\frac{2}{x^3}$