



# **Collaborative Study On Black Shank**

*Coordinator: Candidate to be confirmed; SC Liaison: Susan Dimbi*



# THE BACKGROUND

- ❖ A Black Shank Sub-Group was recently constituted to conduct a global collaborative study
- ❖ Not the first time to have a BS collaborative study in Coresta
- ❖ A similar study done & terminated after enough data had been collected.

However, new developments since then –;

- ❖ Changes in the pathogen race composition in some areas &
- ❖ New, black shank resistant varieties on the market.



# Collaborative Study on Black Shank

## OBJECTIVES

- To establish the range of *Phytophthora nicotianae* races / cases of misdiagnosed black shank (... eg with Fusarium wilt)
- To evaluate the performance of black shank resistant varieties
- Establish the relative resistances of the varieties in the different locations



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## PROPOSED MATERIALS & METHODS

### Tobacco types

Flue-cured, dark tobacco and burley tobacco

- Known susceptible checks and race 0 & race 1 resistant checks
- Resistant test lines

### Locations

- Proposal – trials in Northern & Southern hemispheres



# Collaborative Study on Black Shank QUESTIONS TO THE FLOOR...

- ❖ Is this study relevant?
- ❖ If so, are there participants who would like to take part in the study?
- ❖ Are there lines you think can be included?
- ❖ Any suggestions for a potential coordinator?

## CONTACT US

Dongmei Xu – [dongmei.xu@altria.com](mailto:dongmei.xu@altria.com)

Susan Dimbi – [sdimbi@kutsaga.co.zw](mailto:sdimbi@kutsaga.co.zw)