



TSNA in Air-Cured and Fire-Cured Tobacco (TSNA) Sub-Group Report 2017

AP2017 - Santa Cruz do Sul, Brazil

23 October 2017



Objective 1: Placement of data loggers

Determine proper placement of data loggers in curing barns to best represent the true curing conditions within the barn

- **Presented to SG for review Quebec 2014**
- **E-mailed to all interested participants for review and feedback**
- **With minor revisions, submit to SC for approval before publication on website**

Determine the optimal method for sample preparation for TSNA determination

- **Draft protocol was developed but re-evaluated**
 - University of Kentucky test:
 - Air dry
 - Freeze dry
 - Oven dry temperature
- **3rd year of test in barn**
- **Protocol updated for 2018 meeting**

Define proper sampling method of post-cure tobacco for TSNA determination

❖ Draft protocol circulated Quebec, 2014

- Part (a). Sampling farmer packages
- Establishing a sampling protocol to estimate tobacco specific nitrosamines in growers' bales
 - Summary of 2015 & 2016 data of comparison of sampling methods
University of Kentucky



Objective 3

Available TSNA publications being published on CORESTA website

- **Initiated at University of Kentucky**
- **Suggested that a review should be written**



Proposals for Collaborative Study

❖ Bale sampling

Objective: Verify core sampling method for TSNA in straight-laid bales

- **Agreed that this should be done**
- **Develop CRM**
- **Submit as ISO method**



Proposals for Collaborative Study

Bale Sampling Collaborative Study

- ❖ Invitation to participate –
 - Worldwide regions
 - Companies
- ❖ Draft protocol prepared and sent to interested parties for review
 - Submission to SC for review and approval