



Extended Diagnostic Expert System (XDES) Sub-Group Annual Report

CORESTA Online Congress

October 2020



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- ❖ Background
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- ❖ Ongoing work
- ❖ Future Work
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- 1. Collect international data on plant diseases, photos, descriptions, diagnostics, available treatments**
- 2. Translate and format this information for uploads on the e-phytia tobacco website and related portable applications.**

Purpose

- **to add new information to already accessible data**
- **to get other countries or institutions to participate**



Background



2011: CORESTA DEXT Task Force - was created (project with the French National Institute of Agronomic Research to translate e-Phytia® tabac website into English)



2013: The e-Phytia® tobacco website went on-line and a mobile application Di@gnoPlant Tobacco® was launched. XDES Task Force was created.



2015: Information from U.S. tobacco disease situation provided by NCSU



2016: Data from the Polish Institute of Soil Science and Plant Cultivation added



2017: XDES Task Force was changed to a Sub-Group. UNISC started the Portuguese translation of E-Phytia Tobacco



2018: Data from Tobacco Research Institute, Chinese Agricultural Academy Science added



2019: Data from Tobacco Research Board, Zimbabwe, added

- ❖ **2013 Translation from French to English of e-Phytia Tabac website, and creation of Di@gnoplant tobacco application**



- ❖ **2019 Translation from English to Portuguese of e-Phytia Tobacco website and Di@gnoplant application**

- ❖ **Proof reading of the Portuguese version of e-Phytia tobacco website underway**
- ❖ **Integration of the Portuguese version on the website**





Portuguese version verification:

- Marilia Della Vecchia, Altria, U.S.A.
- Marcos Lusso, Altria, U.S.A.

New proof readers joined us recently:

- Philippe Irala, ProfiGen, Brazil
- Cecilia Dorfey, JTI, Germany
- Catia Altintas, Spain
- Ezequiel De Oliveira, AOI Inc., U.S.A.



Next meeting

❖ **Web-meeting December 2020 with the proof readers**



Special thanks to all contributors and proof-readers

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- ❖ **Jing WANG, China**
- ❖ **Andreas KÖHLER and his students, UNISC, Brazil**
- ❖ **Susan Dimbi, TRB, Zimbabwe**
- ❖ **Henri and Barbara PAPENFUS, Global Agronomist, Alliance One, U.K.**
- ❖ **Paul BERTRAND, Professor of Plant Pathology, University of Georgia, U.S.A.**
- ❖ **Kenneth W. SEEBOLD, Jr., Ph.D. Extension Plant Pathologist, Department of Plant Pathology, University of Kentucky, U.S.A.**





- ❖ **2521 active applications**
- ❖ **Asia-Pacific, Europe, United States, Africa, Middle East and India, Latin America and the Caribbean**
- ❖ **Do not forget to update your application!**