



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

Cancun, Mexico

17 October 2023



Objectives of XDES

1. **Collect international data on plant diseases, photos, descriptions, diagnostics, available treatments, etc.**
2. **Translate and format this information for uploads on the e-phytia/tobacco website and related portable application.**

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

Portuguese version of Diagnoplant Tobacco – Why?



- The early and reliable identification of diseases and the detection of emergent pests have proven to be crucial for effective plant protection.

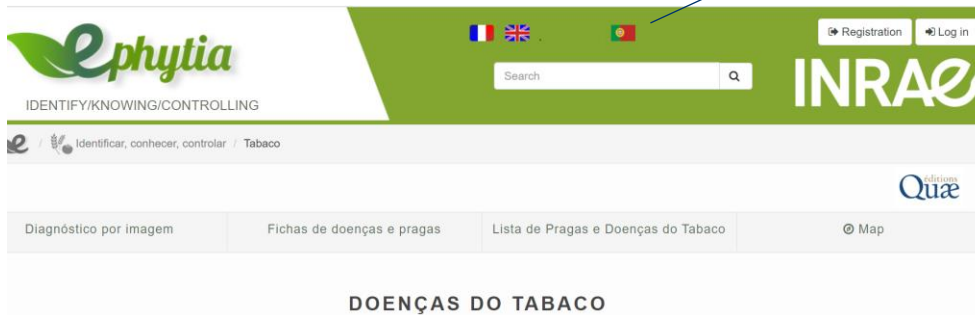
During the AP2017 Conference in Santa Cruz do Sul it emerged that the Brazilian farmers did not always use the English version of Diagnoplant application and therefore CORESTA decided to translate the website and the application into Portuguese.

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



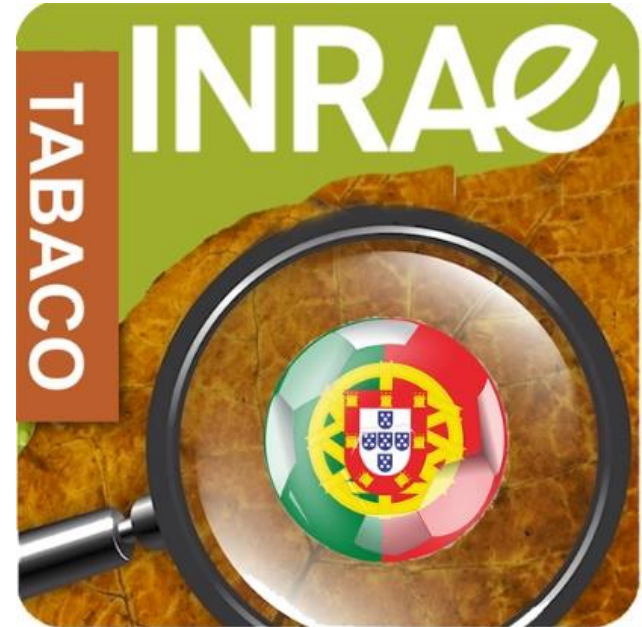
Creation of a multilingual version of the website and the application

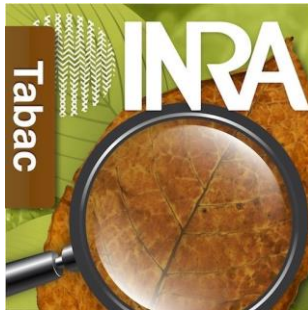
2023 Integration of the Portuguese version on the website



Individual investment for the Portuguese version

- **Marilia Della Vecchia** (Altria Client Services, U.S.A.)
- **Marcos LUSO** (Altria Client Services, U.S.A.)
- **Philipe Irala** (Profigen, Brazil)
- **Ezequiel de Oliveira** (Alliance One International, Brazil)
- **Simon Goepfert** (Philip Morris Products, Switzerland)
- **Vilson Arendt** (Profigen, Brazil)
- **Cecilia Dorfey** (JTI, Germany)
- **Catia Altintas**





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A long-term process of international cooperation



Chinese Agricultural
Academy Science



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- **Dominique BLANCARD, France**
- **Jean-Marc ARMAND, France**
- ❖ **Mina MILA, Associate Professor and Tobacco Specialist, Department of Plant Pathology, North Carolina State University, U.S.A.**
- ❖ **Teresa DOROSZEWSKA & al., Poland**
- ❖ **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.**



INRAE



**Goodbye, Au revoir, Ciao, Adiós, Tchau, Hej då,
Heippa!**