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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL WORKING PARTY ON AUTOMATION AND COMPUTER PROGRAMS

Thirty-Third Session
Natal, Brazil, June 30 to July 3, 2015

APPLICATION MANAGEMENT SYSTEM (AMS) AND VARIETY DESCRIPTION DATABASE (VDD) IN CHINA

Document prepared by China

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The Annex to this document contains a copy of a presentation on Application Management System (AMS) and Variety Description Database (VDD) in China that was made at the Technical Working Party on Automation and Computer Programs (TWC), at its thirty-third session.

[Annex follows]

UPOV TWC
Thirty-Third Session
Natal, Brazil, June 30 to July 3, 2015

Application Management System (AMS) and Variety Description Database (VDD) in China

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Nanjing Station for DUS Testing Center of New Varieties of Plants of MOA, P.R.China

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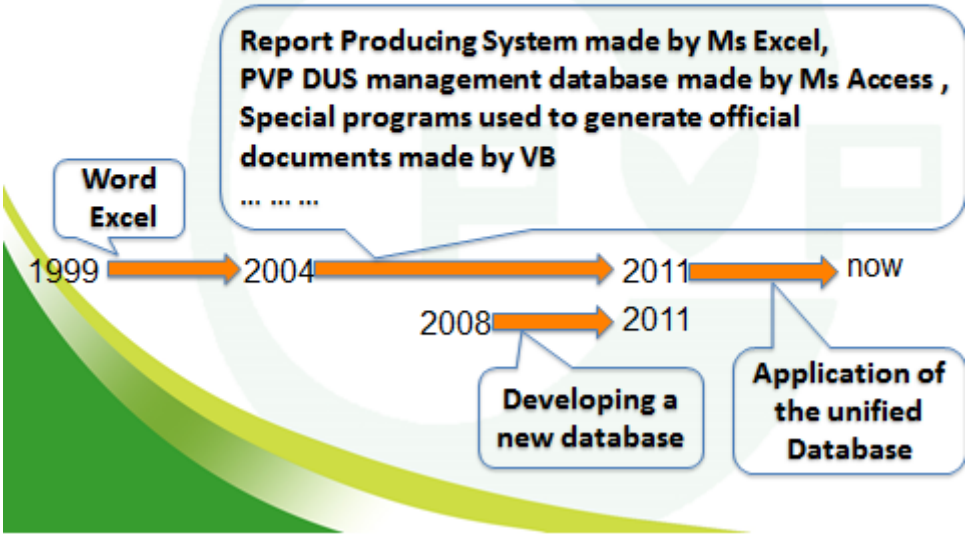
History of tools used to manage and process data:



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2008 → 2011

Application： Application Management System (AMS)

PVP database

Variety： Variety Description Database (VDD)

Data： Data Analysis System (DAS)

Image： Image Analysis System (IAS)

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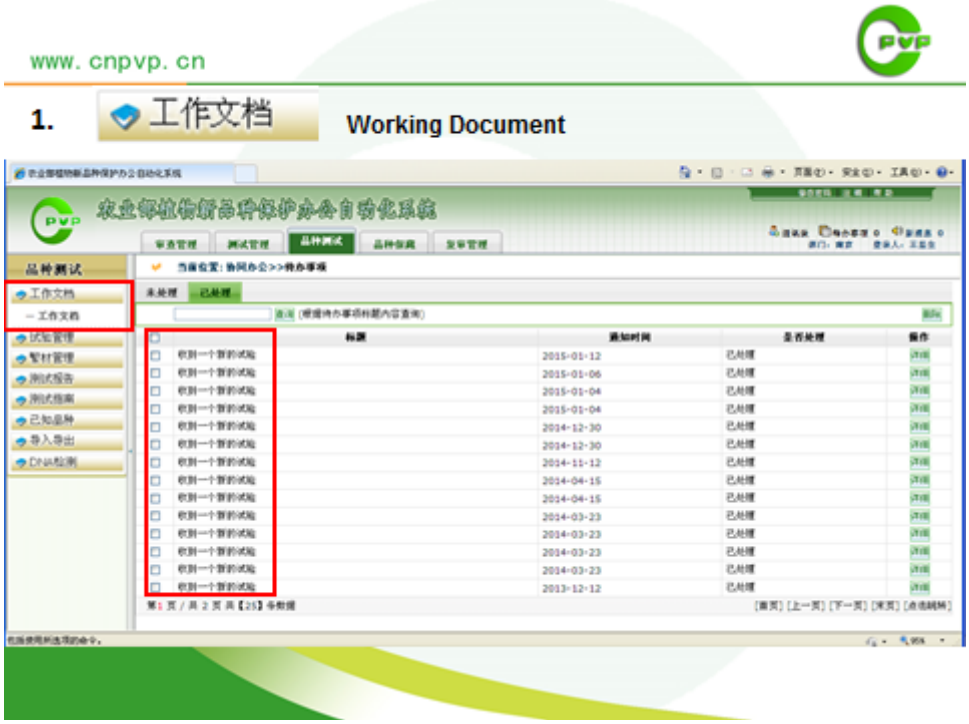
Main functions of AMS

- Role definition
- Task reminding
- Input new data and mistake check
- Calculate or convert data automatically
- Output (in singles or in batches)
- Inquiring, reporting and statistical analysis
- Message exchange

www. cnpvp. cn
农业部植物新品种保护办公自动化系统
品种测试
工作文档
试验管理
繁材管理
测试报告
测试指南
已知品种
导入导出
DNA检测
Reception and Examination
DUS Testing
Trial
Seeds Storage
Re-examinaton
1. Work Document,
2. Trial Management,
3. Material Management,
4. Test Report,
5. Test Guidelins,
6. Varieties of Common Knowledge,
7. Import and Export,
8. DNA Testing

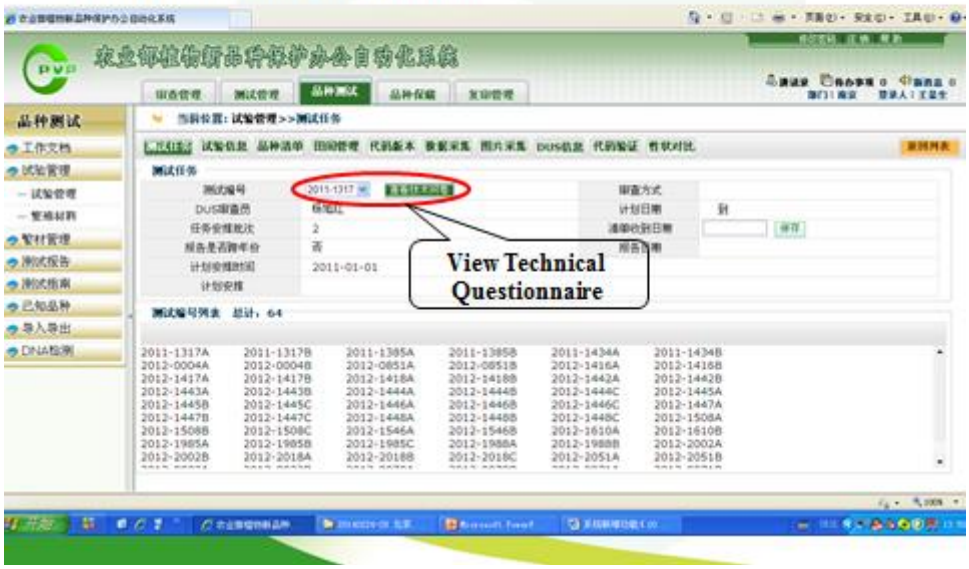

www. cnpvp. cn
1.
工作文档
Working Document

2. 试验管理 Trial Management

2. 1 Trial Management - home

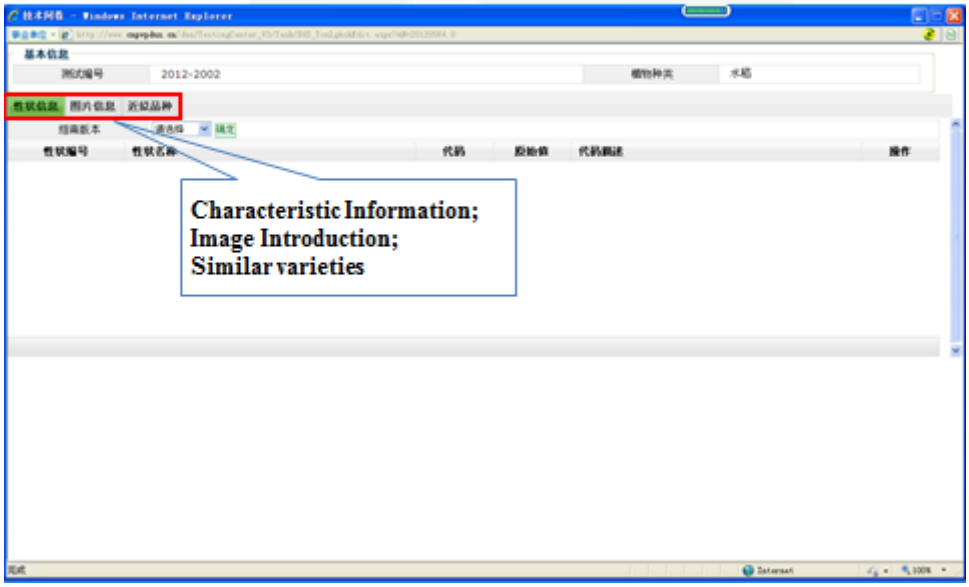
2. 试验管理 Trial Management

2.1 Trial Management - Testing tasks



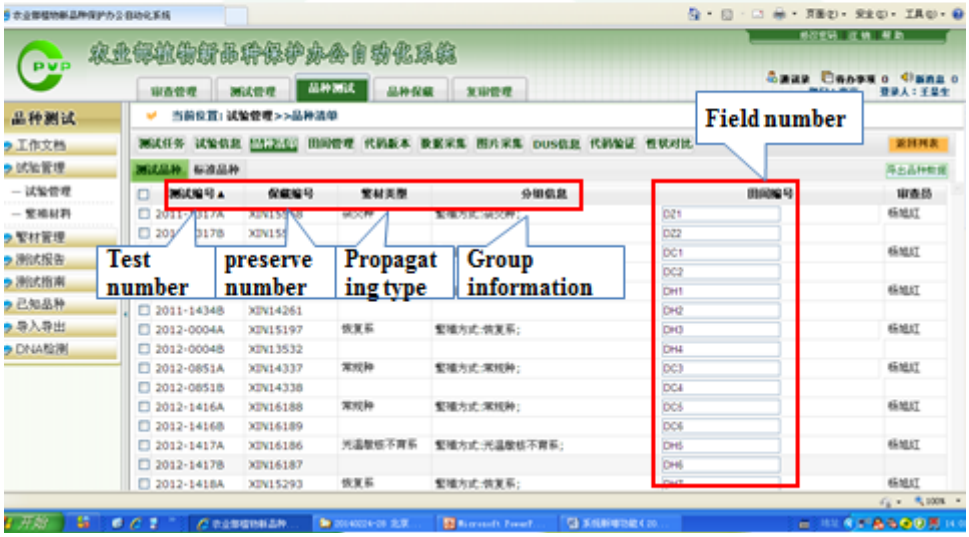
2. 试验管理 Trial Management

2.1 Trial Management - Testing tasks



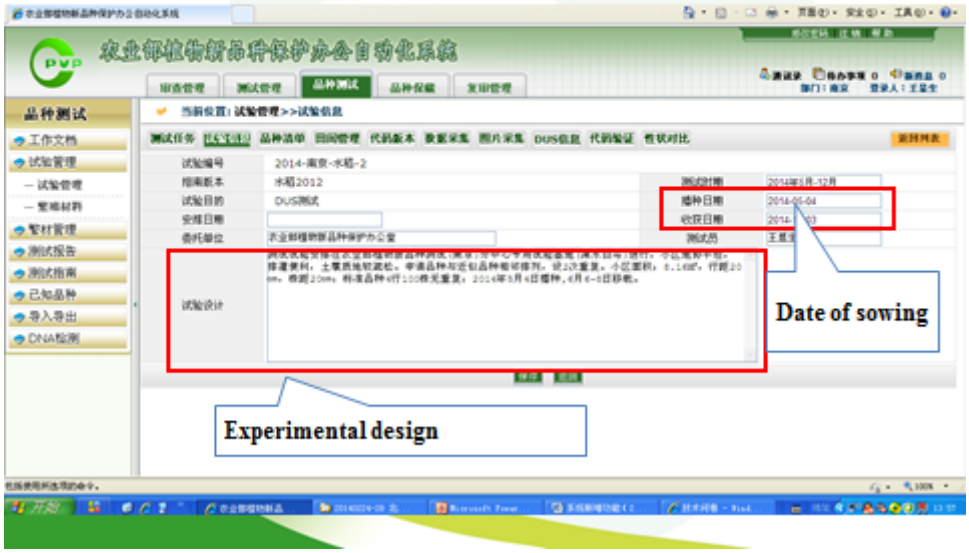
2. 试验管理 Trial Management

2.1 Trial Management - List of variety

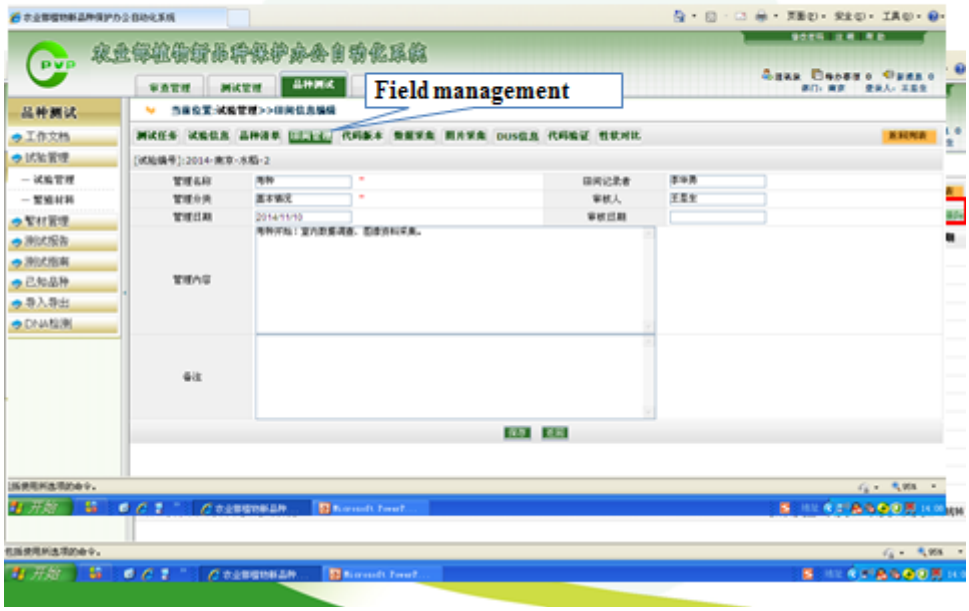


2. 试验管理 Trial Management

2. 1 Trial Management - Trial Information



2. 试验管理 Trial Management



2. 试验管理 Trial Management

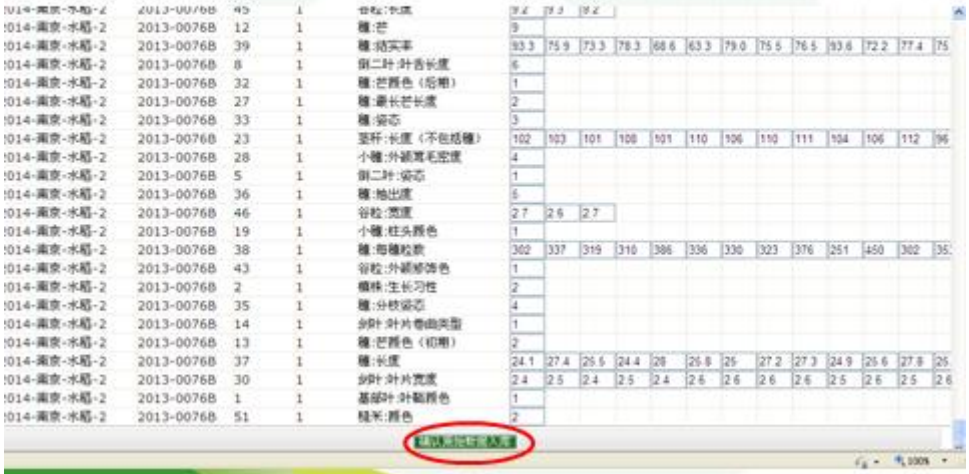
2.1 Trial Management - Note version

2. 试验管理 Trial Management

2. 1 Trial Management - Checking and uploading original data

2. 试验管理 Trial Management

2.1 Trial Management - Uploading original data in batches



2. 试验管理 Trial Management

2. 1 Trial Management - Calculate code

2. 试验管理 Trial Management
2.1 Trial Management - contrast characteristics
Choose, adding, deleting characteristics with difference
Add or delet

2. 试验管理 Trial Management
2.1 Trial Management - Uploading image

2 试验管理 Trial Management

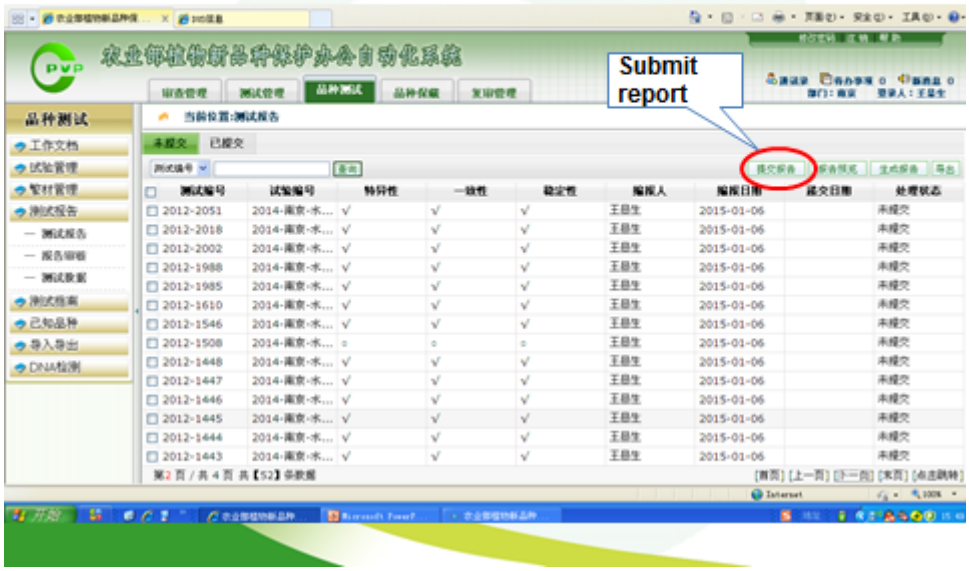
2.1 Trial Management - DUS information

3 繁材管理 Material Management

3.1-2 In-out stock 3.3 Registration Management

4.测试报告 Test report

4.1 Test report ——Submit/Not submit



4.测试报告 Test report

4.2 Test report ——Checking

5 测试指南 Test Guidelines
5. 1 Species

5 测试指南 Test Guidelines
5.2 Test Guidelines Version

5.3 Characteristics dictionary

5. 4 Note dictionary

www. cnpvp. cn **Variety Description Database (VDD)**

◆Developed by an agricultural software company

北京派得伟业科技发展有限公司

Beijing Paide Weiye Science and Technology Development Co., Ltd.

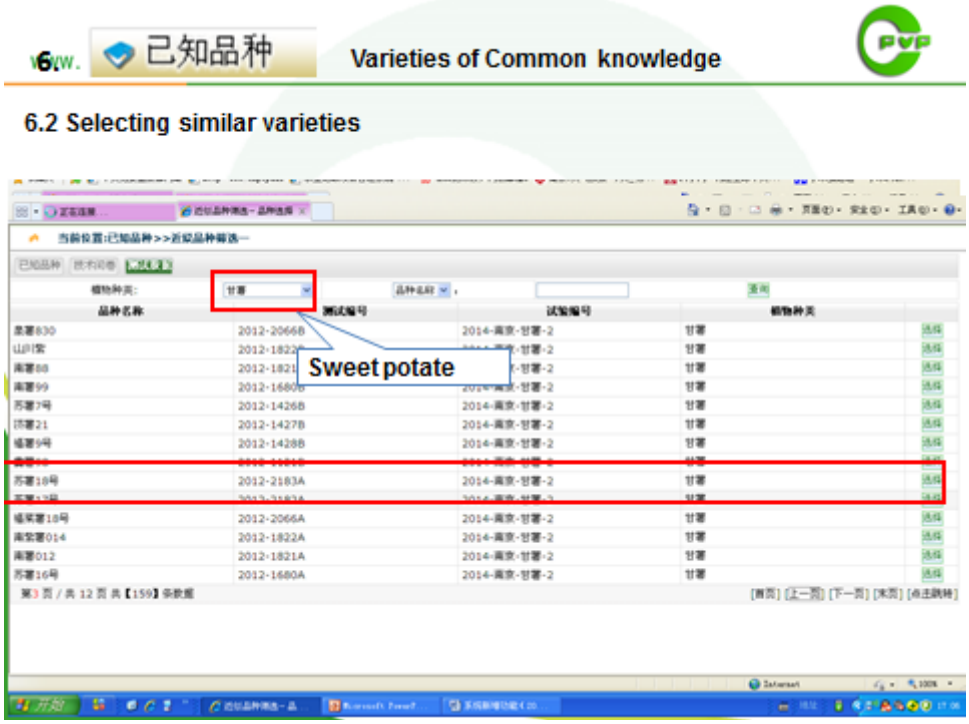
◆Used by DUS test center and 17 sub stations

◆ So far, it contains 93 species, 13827 varieties

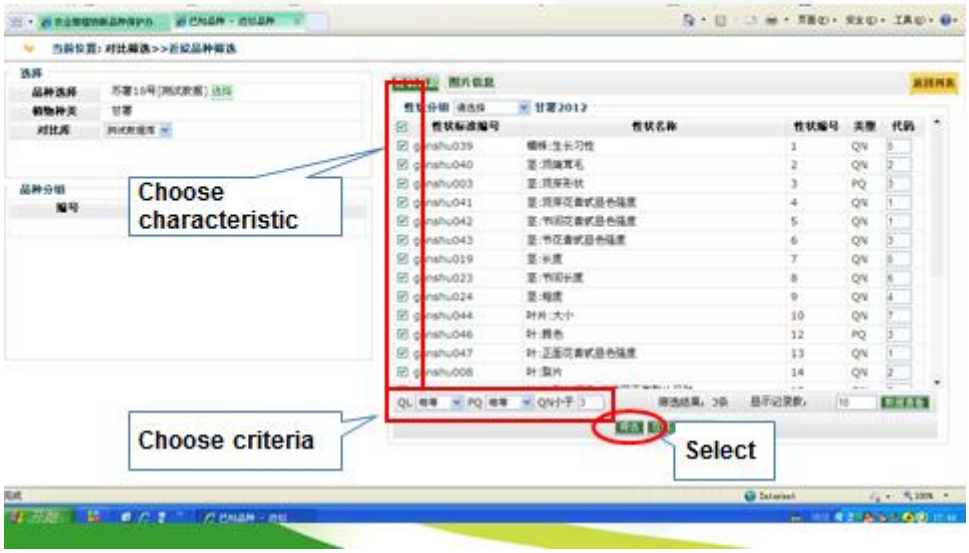
6. 已知品种 **Varieties of Common knowledge**

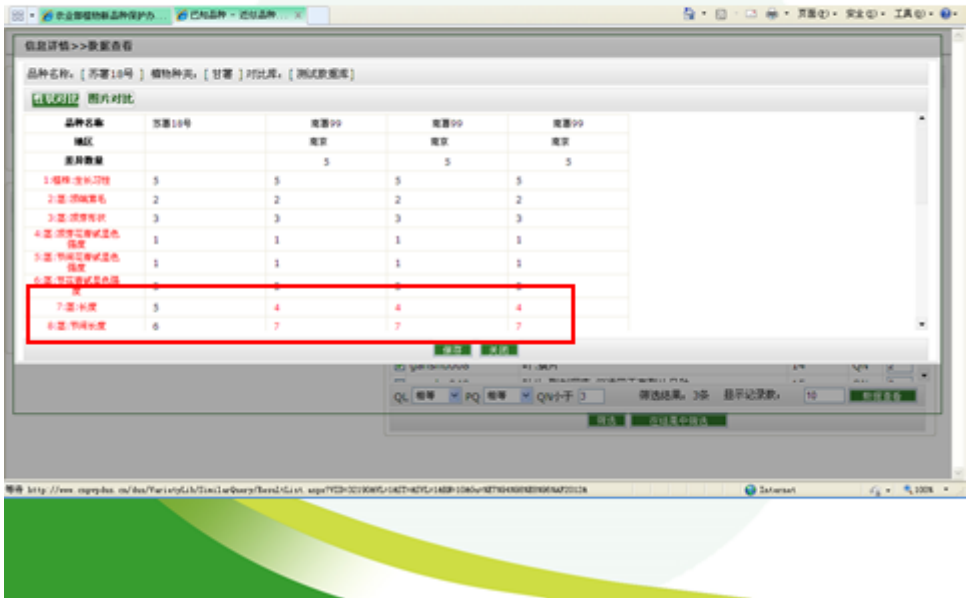
6.1 Inquire variety

6. 已知品种
Varieties of Common knowledge
品种图片
品种名称
宁05-175
植物种类
水稻
品种类型
常规种
2012-2079A
2012-2079B
2012-2079A
2012-2079B


6. 已知品种
Varieties of Common knowledge
6.2 Selecting similar varieties
Sweet potate

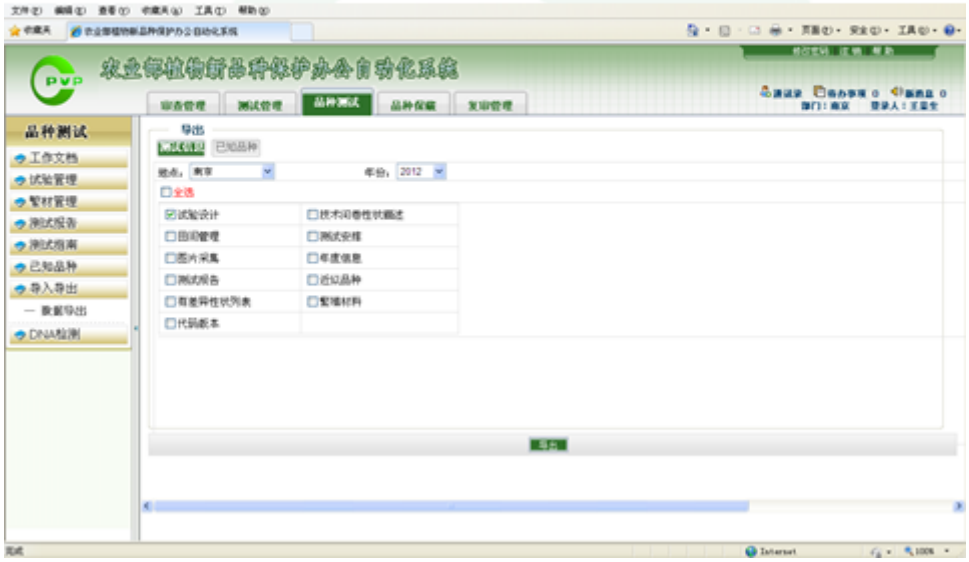
6.2 Selecting similar varieties



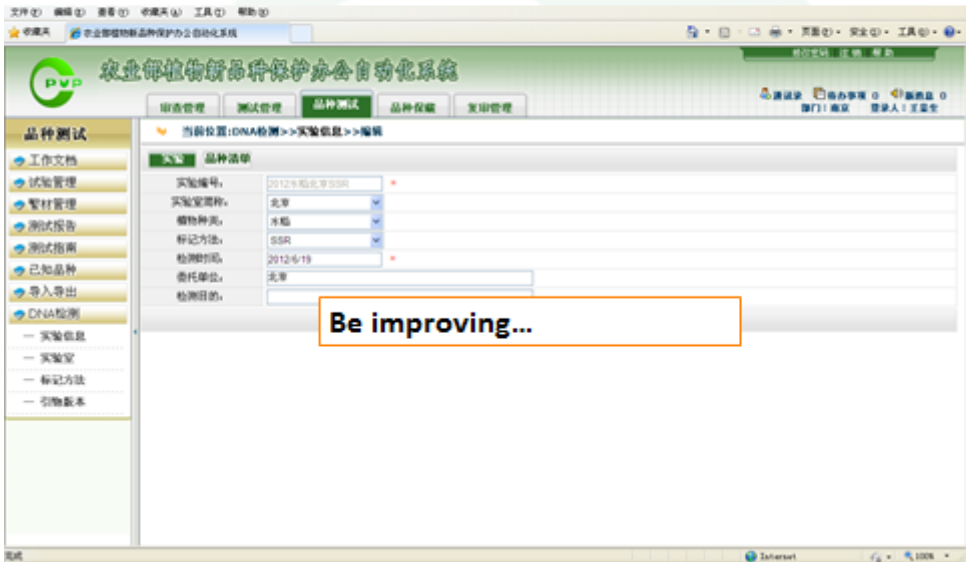


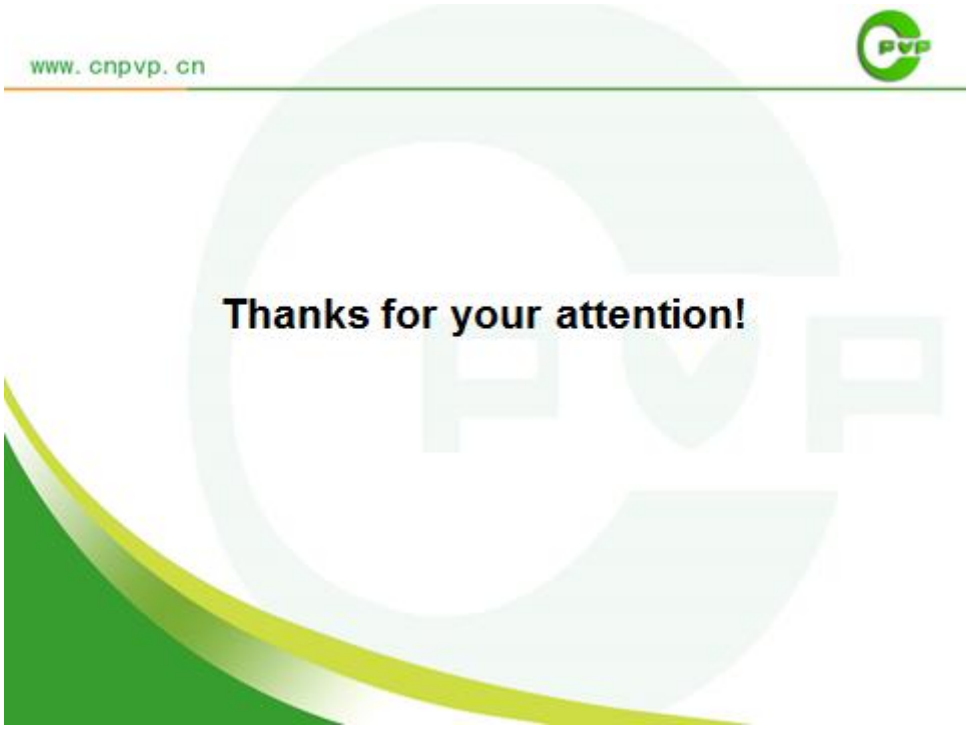
7 导入导出 Import / Export

7. 1 Export data



8 DNA检测 DNA test





[End of Annex and of document]