

CloneSelector: Introduction and Highlights



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Schedule



1030 – 1100 – Installation of CloneSelector

1100 – 1130 – Introduction/Highlights

1130 – 1200 – Short Exercise

1200 – 1300 – Introducing AccuDataLog

1300 – 1400 – Lunch

1400 – 1600 – Selection indices

Introduction



- CloneSelector is a tool developed to help plant breeders carry out field trials, analyze the results and make selection decisions.
- Open source
- Based on MS excel & R statistical package

Introduction



- Version 3-1 released in 2013
 - RCBD, Alpha (0,1) & ABD, G x E
- A plant breeder using the tool can choose to analyze their data with CloneSelector or any other software.

Features



- Elaborate a list of germplasm to test
- Design field trials with one or more experiments
- Generate a field book for each experiment
- Register metadata for each experiment
- Data collection in field and post-harvest for each entry

Features



- Enter collected data into electronic field book
- Calculate derived variables (yield/ha etc)

Highlights



- On-farm trials analysis using CloneSelector demonstrated in Kigali
- Kenya 2012 NPT data analyzed using CloneSelector for KEPHIS
- GGE biplot now in results (Uganda)
- Summary index (Ghana)

How to report errors



- Please send a screenshot where possible every time you report an error
 - There are several free tools for getting screenshots. My favorite is Jing - <http://www.techsmith.com/download/jing/>

How to report errors



- Send to l.wanjohi@cgiar.org and r.eyzaguirre@cgiar.org
 - Screenshot
 - Fieldbook with error where possible
 - A short description

Community



<http://sweetpotatoknowledge.org/germplasm/research-methods/cloneselector>

- Usability improvements ongoing
 - Manuals for new modules
 - Video tutorials

Files (5) ▾

- About CloneSelector.pdf ▾
Mar 12, 2013 | Luka Wanjohi
- Advanced RExcel Setup Guide ▾
Jul 25, 2011 | Luka Wanjohi
- CloneSelector Users Guide - Multi Environment Trial Analysis ▾
Sep 19, 2013 | Luka Wanjohi
- CloneSelector Users Guide - Potato ▾
Sep 19, 2013 | Luka Wanjohi
- CloneSelector Users Guide - Sweetpotato ▾
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Subfolders under CloneSelector

Folders under this section are listed below. Click on the folder name to see

- CloneSelector1-1
- CloneSelector2-0
- CloneSelector3-0
- CloneSelector3-1**

CloneSelector3-1

- CloneSelector3-1 ▾
Sep 19, 2013 | File | Luka Wanjohi

See all...

There are no subfolders

Example of Query tool for CloneSelector

Exercise



- Create the appropriate Fieldbook for a RCBD to test 10 genotypes with 3 blocks.
- Create the appropriate Fieldbook for an ABD to test 30 genotypes with 3 blocks and 4 common checks.

Tomorrow



- Bruno
- Adofo
- Solomon
- Gruneberg
- Awais
- Craig
- Sseruwu
- Kivuva

- Laurie
- Rahila

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