Experiment Data

## Sin City Seeders ☺

10/ 9 / 2016

# Analysis in Meeting

## Year

From 2009 to 2014

## Experiment

534 different experiments

Each experiment spans over only one year.

Many locations can be in the same experiment

Several “Check Varieties” per Experiment

How many varieties and Families per experiment? ROH

How is this unique code constructed? ROH

The data available corresponds to classes that graduate between 2011 to 2013? TALIA

A variety that GRAD=YES can be used as a check in the next years.

A variety that GRAD =NO sometimes is used as CHECK = true. Is this dirty data? NO ONE

How do we know a variety was rejected in a stage? KOSTAS

If a VARIETY is rejected in some stage, can it be used for a future experiment? JAIME

If a variety is filtered out at any stage, does it appear again in a future experiment?

What is today’s process of rejection and qualification? LAIS

## Location

152 different locations

Same location can be used for different experiments

What is the frequency of location usage? TALIA

How many varieties per location are tested? ROH

Any patterns in the family, variety and location usage? ROH / TALIA

## Variety

There are 15.632 unique varieties

**Normally** one variety belongs to one Family

**There are <10 varieties that belong to two families**

## Family

There are 1.938 unique families

A family can contain several varieties within it

## Check

**There are varieties from Class 2014 that are used as a check in Experiments of 2014?**

**Variety = V139548** has GRAD = NO and used as a CHECK = TRUE

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VARIETY | V139548 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Count of EXPERIMENT** | |  |  | **YEAR** | **EXPERIMENT** |  |  |  |  |  |  |
|  |  |  |  | **2009** | **2010** | **2011** | **2012** | **2013** |  | **2014** | **Grand Total** |
| **GRAD** | **CHECK** | **CLASS\_OF** | **FAMILY** | **09YT000406** | **10YT001743** | **11YT002292** | **12YT002996** | **13YT004050** | **13YT004721** | **14YT005047** |  |
| **NO** | **False** | 2013 | FAM13984 | 10 | 32 | 56 | 51 | 59 | 60 |  | 268 |
|  | **True** | 2013 | FAM13984 |  |  |  |  |  |  | 69 | 69 |
| **NO Total** |  |  |  | **10** | **32** | **56** | **51** | **59** | **60** | **69** | **337** |
| **Grand Total** |  |  |  | **10** | **32** | **56** | **51** | **59** | **60** | **69** | **337** |

## Class Of

What is the difference between a class “.” And having a class? LAIS

|  |  |
| --- | --- |
| Value | Meaning |
| “.” And CHECK = true | If the variety belongs to a class older than 2011, used as CHECK. |

## Grad

# Next Steps

Each one has to follow 5 varieties at random, and understand their story.