

# Design F1 Nursery, Advance, & Harvest F2 Seed

## BMS 12.0 Tutorials

# Summary

This tutorial describes how to design and plant an F1 nursery. (Field mapping and label printing steps are not covered - these activities are described in an earlier tutorial, [Make Field Plan & Labels](#).) The tutorial also covers how to advance to the F2 generation with random bulk breeding methods and record F2 seed harvest amounts.

### [Start a New Nursery](#)

#### [Nursery Details](#)

#### [Germplasm & Checks](#)

#### [Withdraw Seed for Planting](#)

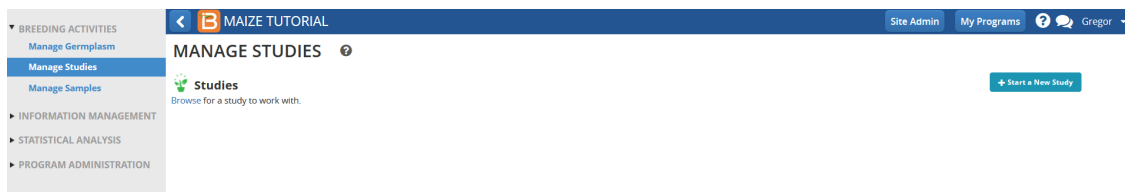
#### [Random Bulk Advance to F2](#)

#### [Harvest F2 Seed](#)

#### [Reserve F2 Seed for F2 Nursery](#)

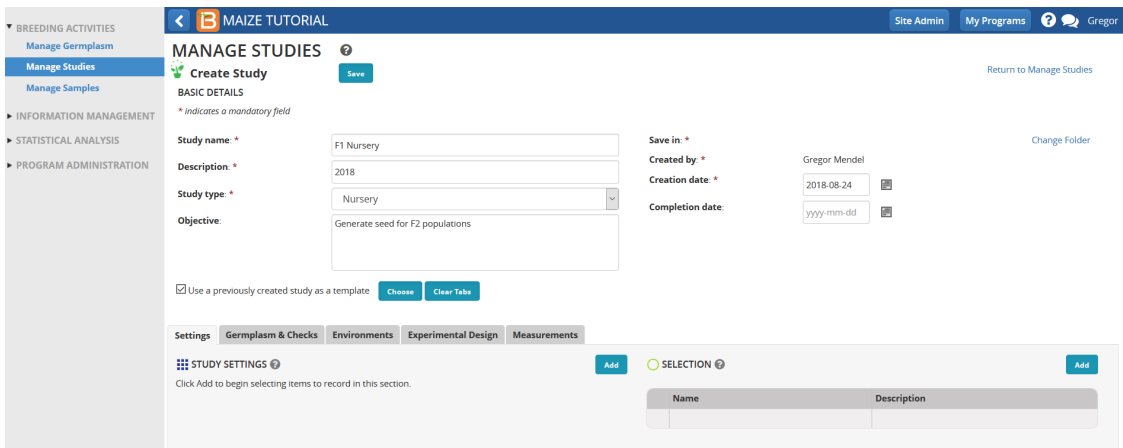
# Start a New Nursery

- From the Manage Studies tool, select **Start a New Study**.

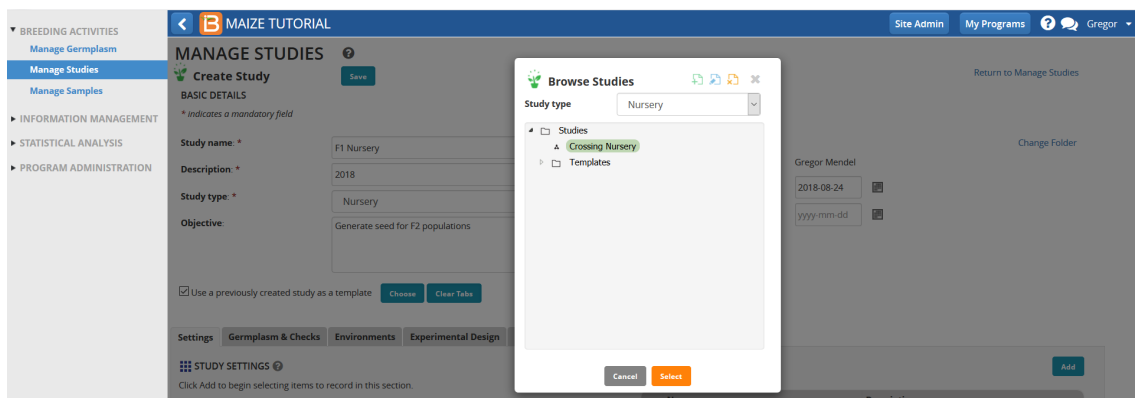


# Nursery Details

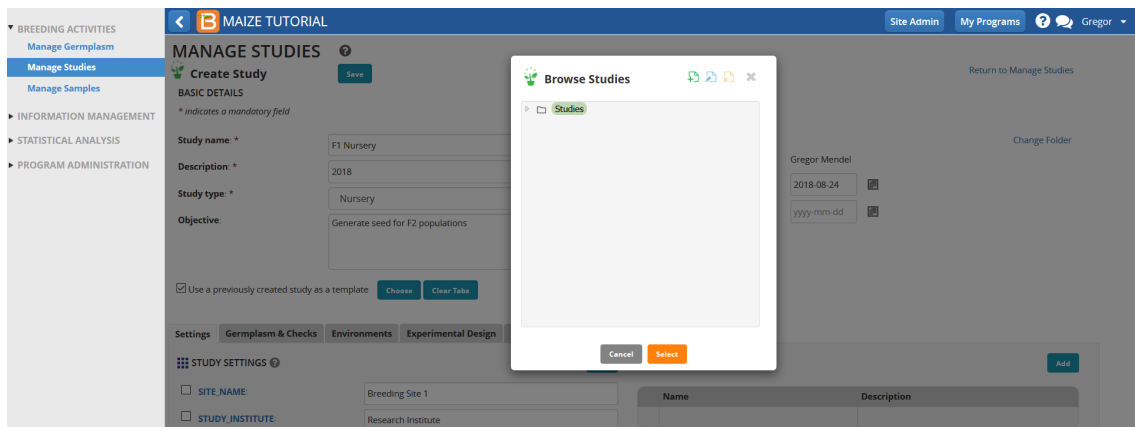
- Identify Nursery as the Study type and name and describe the F1 Nursery. Use a previously created nursery as template. Select **Choose**.



- Choose the previously created Crossing Nursery as a template.

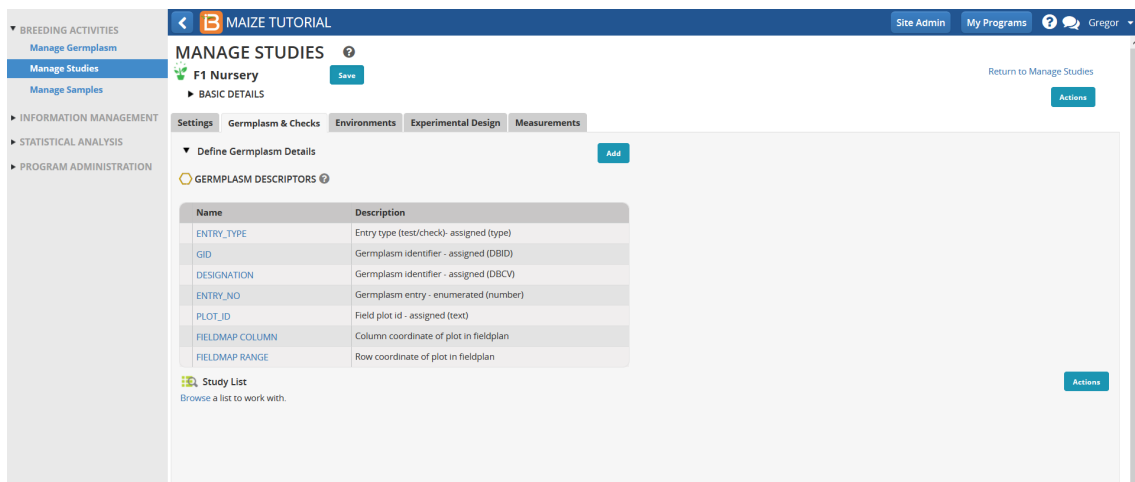


- The settings specified in the crossing nursery now populate the F1 nursery.
- **Save Nursery**

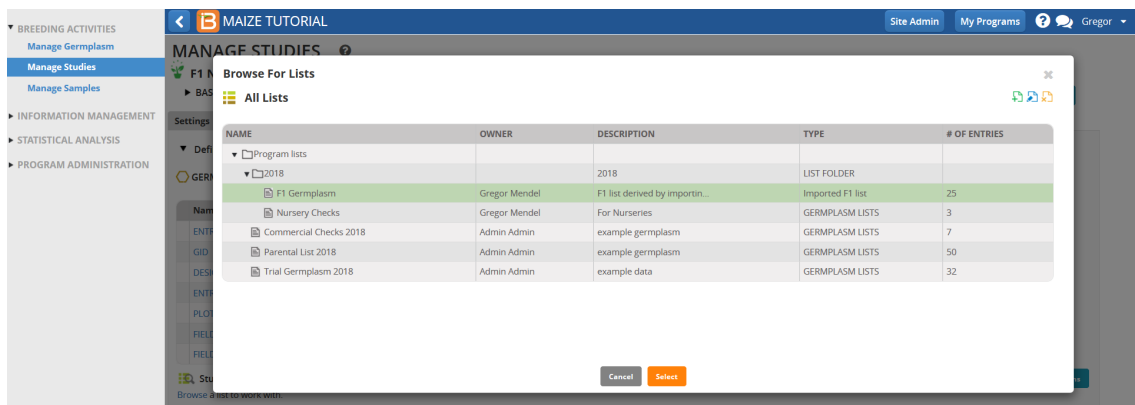


## Germplasm & Checks

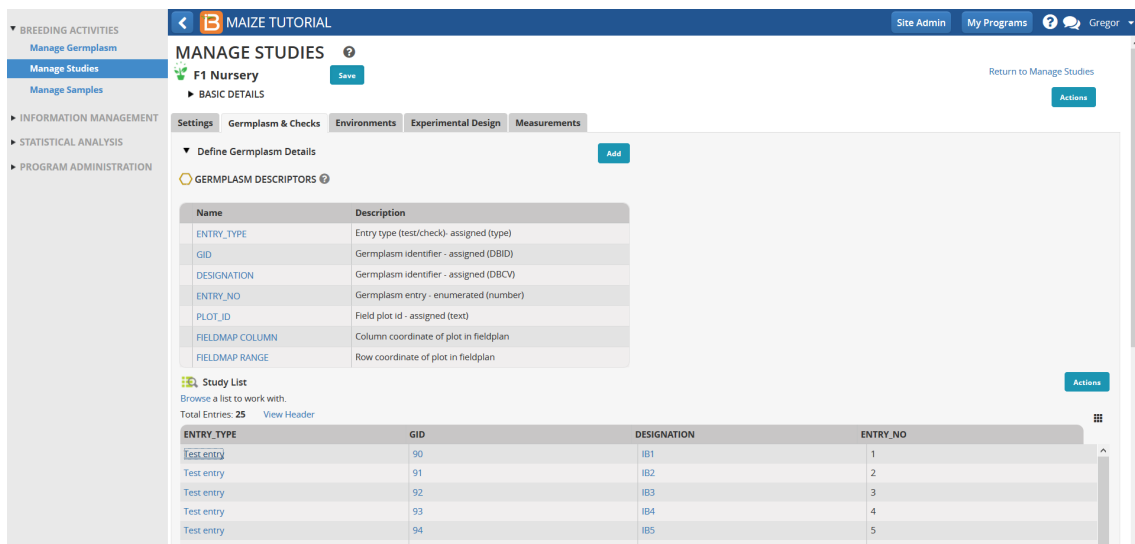
- Select the **Germplasm & Checks** tab and **Browse** for the F1 nursery list.



- Select the 25 entry F1 Germplasm list - these will be the F1 nursery test entries. Maize F1 nurseries generally have no checks.

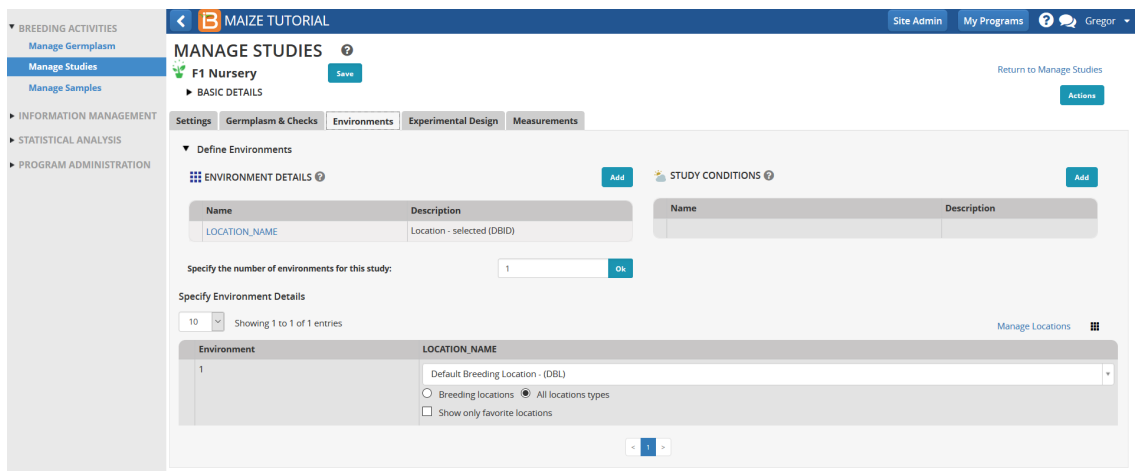


- **Save** the nursery.



- Open the the **Environment** tab

Default Breeding Nursery is highlighted.



- In the Experimental Design tab, select Entry list order as the design type.
- **Generate Design**
- **Save**

BREEDING ACTIVITIES

Manage Germplasm

Manage Studies

Manage Samples

INFORMATION MANAGEMENT

STATISTICAL ANALYSIS

PROGRAM ADMINISTRATION

MAIZE TUTORIAL

Site AdminMy ProgramsGregor

MANAGE STUDIES

F1 Nursery

BASIC DETAILS

SettingsGermplasm & ChecksEnvironmentsExperimental DesignMeasurements

Experimental Design

CHOOSE A DESIGN TYPE

Select the design type you would like to use for this study:Entry list order

Or import an experimental design.

SPECIFY PLOT NUMBERING

Specify the starting plot number:1

Generate Design

SUMMARY OF DESIGN DETAILS

Number of environments:1

Treatment factor:ENTRY\_NO

Plot factor:PLOT\_NO

Return to Manage Studies

Actions

## Withdraw Seed for Planting

- Return to Manage Germplasm and open the F1 Germplasm list in Inventory View.

In the previous tutorial, we reserved 200g of seed from each entry for the F1 nursery. This amount is indicated in the Reservation column.

BREEDING ACTIVITIES

Manage Germplasm

Manage Studies

Manage Samples

INFORMATION MANAGEMENT

STATISTICAL ANALYSIS

PROGRAM ADMINISTRATION

MAIZE TUTORIAL

Site AdminMy ProgramsGregor

MANAGE GERMPGLASM

View ListsView Germplasm

List Details

Browse or search for a list to work with.

F1 Germplasm

Inventory

Total Lots: 25Selected: 0

Actions

#	DESIGNATION	LOCATION	AVAILABLE	RESERVATION	TOTAL WITHDRAWALS	COMMENT	STOCKID	SEED_SOURCE
1	IB1	Default Seed Store	300.0g	200.0g	0.0g		SID4-1	Crossing Nursery:Default Breeding Location:201808.1/Crossing Nursery:Defa
2	IB2	Default Seed Store	300.0g	200.0g	0.0g		SID4-2	Crossing Nursery:Default Breeding Location:201808.2/Crossing Nursery:Defa
3	IB3	Default Seed Store	300.0g	200.0g	0.0g		SID4-3	Crossing Nursery:Default Breeding Location:201808.3/Crossing Nursery:Defa
4	IB4	Default Seed Store	300.0g	200.0g	0.0g		SID4-4	Crossing Nursery:Default Breeding Location:201808.4/Crossing Nursery:Defa
5	IB5	Default Seed Store	300.0g	200.0g	0.0g		SID4-5	Crossing Nursery:Default Breeding Location:201808.5/Crossing Nursery:Defa
6	IB6	Default Seed Store	300.0g	200.0g	0.0g		SID4-6	Crossing Nursery:Default Breeding Location:201808.6/Crossing Nursery:Defa
7	IB7	Default Seed Store	300.0g	200.0g	0.0g		SID4-7	Crossing Nursery:Default Breeding Location:201808.7/Crossing Nursery:Defa
8	IB8	Default Seed Store	300.0g	200.0g	0.0g		SID4-8	Crossing Nursery:Default Breeding Location:201808.8/Crossing Nursery:Defa
9	IB9	Default Seed Store	300.0g	200.0g	0.0g		SID4-9	Crossing Nursery:Default Breeding Location:201808.9/Crossing Nursery:Defa
10	IB10	Default Seed Store	300.0g	200.0g	0.0g		SID4-10	Crossing Nursery:Default Breeding Location:201808.10/Crossing Nursery:Defa

- Export Seed Preparation list from inventory view.

BREEDING ACTIVITIES

Manage Germplasm

Manage Studies

Manage Samples

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Site AdminMy ProgramsGregor

MANAGE GERMPGLASM

View ListsView Germplasm

List Details

Browse or search for a list to work with.

F1 Germplasm

Inventory

Total Lots: 25Selected: 0

Actions

#	DESIGNATION	LOCATION	AVAILABLE	RESERVATION	TOTAL WITHDRAWALS	COMMENT	STOCKID	SEED_SOURCE
1	IB1	Default Seed Store	300.0g	200.0g	0.0g		SID4-1	Crossing Nursery:Default Breeding Location:201808.1/Crossing Nursery:Defa
2	IB2	Default Seed Store	300.0g	200.0g	0.0g		SID4-2	Crossing Nursery:Default Breeding Location:201808.2/Crossing Nursery:Defa
3	IB3	Default Seed Store	300.0g	200.0g	0.0g		SID4-3	Crossing Nursery:Default Breeding Location:201808.3/Crossing Nursery:Defa
4	IB4	Default Seed Store	300.0g	200.0g	0.0g		SID4-4	Crossing Nursery:Default Breeding Location:201808.4/Crossing Nursery:Defa
5	IB5	Default Seed Store	300.0g	200.0g	0.0g		SID4-5	Crossing Nursery:Default Breeding Location:201808.5/Crossing Nursery:Defa
6	IB6	Default Seed Store	300.0g	200.0g	0.0g		SID4-6	Crossing Nursery:Default Breeding Location:201808.6/Crossing Nursery:Defa
7	IB7	Default Seed Store	300.0g	200.0g	0.0g		SID4-7	Crossing Nursery:Default Breeding Location:201808.7/Crossing Nursery:Defa
8	IB8	Default Seed Store	300.0g	200.0g	0.0g		SID4-8	Crossing Nursery:Default Breeding Location:201808.8/Crossing Nursery:Defa
9	IB9	Default Seed Store	300.0g	200.0g	0.0g		SID4-9	Crossing Nursery:Default Breeding Location:201808.9/Crossing Nursery:Defa
10	IB10	Default Seed Store	300.0g	200.0g	0.0g		SID4-10	Crossing Nursery:Default Breeding Location:201808.10/Crossing Nursery:Defa
11	IB11	Default Seed Store	300.0g	200.0g	0.0g		SID4-11	Crossing Nursery:Default Breeding Location:201808.11/Crossing Nursery:Defa
12	IB12	Default Seed Store	300.0g	200.0g	0.0g		SID4-12	Crossing Nursery:Default Breeding Location:201808.12/Crossing Nursery:Defa

Return to List entries view

List editing options

Inventory management options

Export Seed preparation list

Import Seed preparation list

Print Labels

- All reserved entries are included on the seed preparation list. Fill the Amount Withdrawn column with 200g for each entry and save (.xls).

ENTRY	DESIGNATION	CID	CROSS	SOURCE	LOT_ID	LOT_Location	STOCK_ID	TRN_ID	Withdrawal Amount	Amount Withdrawn	Balance	NOTES
1	IB1	90	BMS1/BMS26	Crossing Nursery	105	Default Seed Sto	SID4-1	188	200.0	200.00		For F1 Nursery
2	IB2	91	BMS2/BMS27	Crossing Nursery	90	Default Seed Sto	SID4-2	177	200.0	200.00		For F1 Nursery
3	IB3	92	BMS3/BMS28	Crossing Nursery	109	Default Seed Sto	SID4-3	189	200.0	200.00		For F1 Nursery
4	IB4	93	BMS4/BMS29	Crossing Nursery	102	Default Seed Sto	SID4-4	167	200.0	200.00		For F1 Nursery
5	IB5	94	BMS5/BMS30	Crossing Nursery	98	Default Seed Sto	SID4-5	180	200.0	200.00		For F1 Nursery
6	IB6	95	BMS6/BMS31	Crossing Nursery	100	Default Seed Sto	SID4-6	175	200.0	200.00		For F1 Nursery
7	IB7	96	BMS7/BMS32	Crossing Nursery	103	Default Seed Sto	SID4-7	170	200.0	200.00		For F1 Nursery
8	IB8	97	BMS8/BMS33	Crossing Nursery	93	Default Seed Sto	SID4-8	178	200.0	200.00		For F1 Nursery
9	IB9	98	BMS9/BMS34	Crossing Nursery	107	Default Seed Sto	SID4-9	171	200.0	200.00		For F1 Nursery
10	IB10	99	BMS10/BMS35	Crossing Nursery	91	Default Seed Sto	SID4-10	184	200.0	200.00		For F1 Nursery
11	IB11	100	BMS11/BMS36	Crossing Nursery	111	Default Seed Sto	SID4-11	166	200.0	200.00		For F1 Nursery
12	IB12	101	BMS12/BMS37	Crossing Nursery	113	Default Seed Sto	SID4-12	182	200.0	200.00		For F1 Nursery
13	IB13	102	BMS13/BMS38	Crossing Nursery	96	Default Seed Sto	SID4-13	186	200.0	200.00		For F1 Nursery
14	IB14	103	BMS14/BMS39	Crossing Nursery	99	Default Seed Sto	SID4-14	165	200.0	200.00		For F1 Nursery
15	IB15	104	BMS15/BMS40	Crossing Nursery	97	Default Seed Sto	SID4-15	185	200.0	200.00		For F1 Nursery
16	IB16	105	BMS16/BMS41	Crossing Nursery	108	Default Seed Sto	SID4-16	174	200.0	200.00		For F1 Nursery

- Select **Import Seed Preparation list** from the Actions menu. Browse and upload the saved Seed Preparation list. Select **Finish**.

The screenshot shows the 'MANAGE GERMLASM' interface with the 'Inventory' tab selected. A modal dialog titled 'Import Seed preparation list' is open, prompting the user to choose a seed preparation file. The dialog includes a 'Selected import file' field showing 'F1 Germplasm-Seed Prep.xls' and buttons for 'Cancel' and 'Finish'.

#	DESIGNATION	LOCATION	AVAILABLE	RESERVATION	TOTAL WITHDRAWALS	COMMENT	STOCKID	SEED_SOURCE
1	IB1	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.1./Crossing Nursery Defa
2	IB2	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.2./Crossing Nursery Defa
3	IB3	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.3./Crossing Nursery Defa
4	IB4	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.4./Crossing Nursery Defa
5	IB5	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.5./Crossing Nursery Defa
6	IB6	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.6./Crossing Nursery Defa
7	IB7	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.7./Crossing Nursery Defa
8	IB8	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.8./Crossing Nursery Defa
9	IB9	Default Seed Store	300.0g	200.0g				Nursery Default Breeding Location:201808.9./Crossing Nursery Defa

- **Continue.**

The screenshot shows the 'MANAGE GERMLASM' interface with the 'Inventory' tab selected. A modal dialog titled 'Seed Import Status' is open, displaying a table of import transactions. The dialog includes 'Cancel' and 'Continue' buttons.

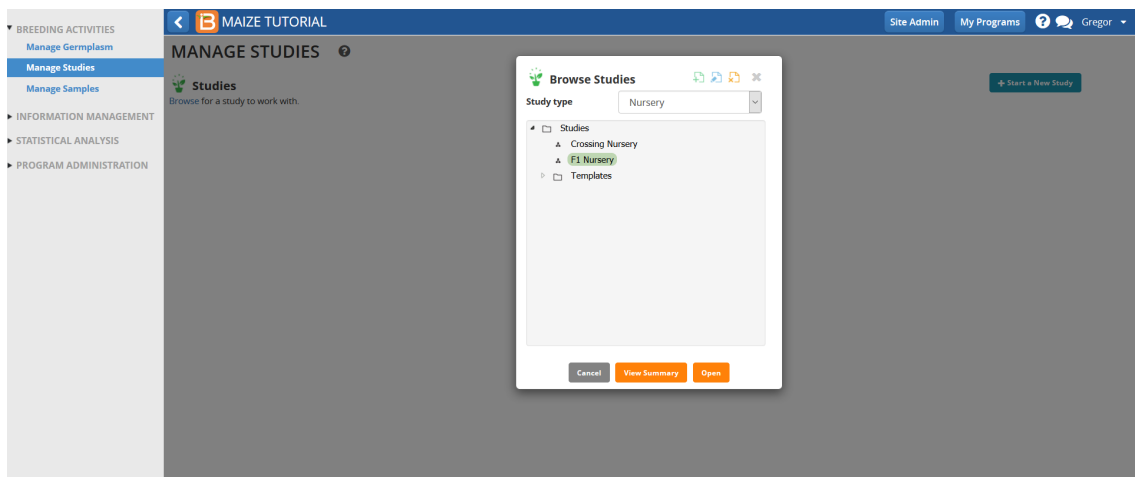
#	DESIGNATION	GID	LOT_ID	TRANSACTION ID	WITHDRAWAL	BALANCE	PROCESSING STATUS
1	IB1	90	105	188	200.0		PROCESSING
2	IB2	91	90	177	200.0		PROCESSING
3	IB3	92	109	189	200.0		PROCESSING
4	IB4	93	102	167	200.0		PROCESSING
5	IB5	94	98	180	200.0		PROCESSING

The 200g of seed is reported in the TOTAL WITHDRAWALS column. The F1 nursery is now ready to be planted in the field to be advanced to the F2 generation.

The screenshot shows the 'MANAGE GERMLASM' interface with the 'Inventory' tab selected. The inventory table is updated to show 13 items, with the 'TOTAL WITHDRAWALS' column now reflecting the 200.0g withdrawal for each item. The 'SEED\_SOURCE' column is also populated with specific breeding location IDs.

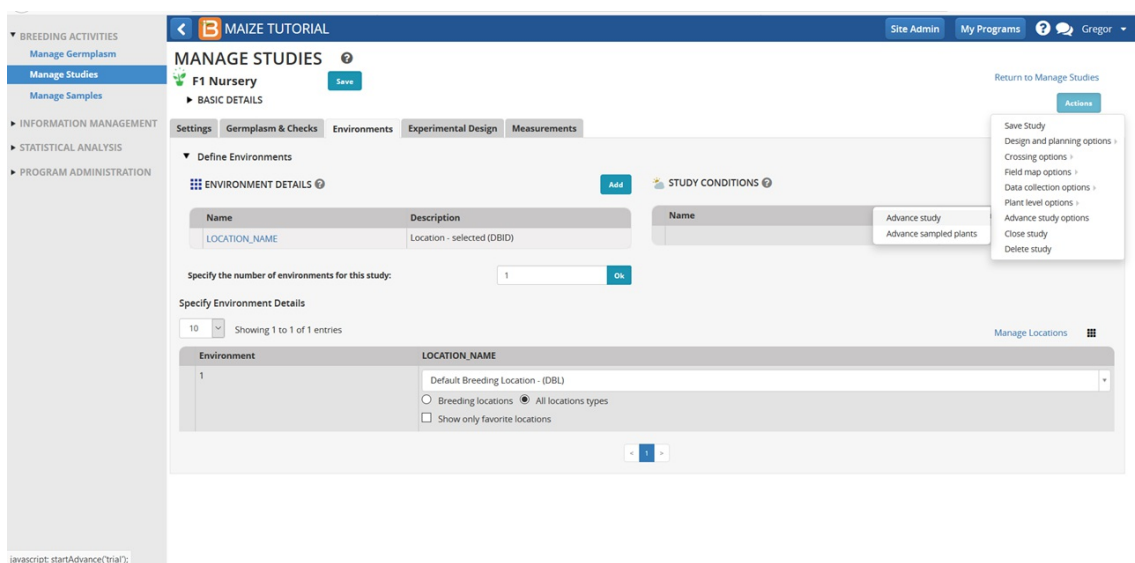
#	DESIGNATION	LOCATION	AVAILABLE	RESERVATION	TOTAL WITHDRAWALS	COMMENT	STOCKID	SEED_SOURCE
1	IB1	Default Seed Store	300.0g	0.0g	200.0g		SID4-1	Crossing Nursery Default Breeding Location:201808.1./Crossing Nursery Defa
2	IB2	Default Seed Store	300.0g	0.0g	200.0g		SID4-2	Crossing Nursery Default Breeding Location:201808.2./Crossing Nursery Defa
3	IB3	Default Seed Store	300.0g	0.0g	200.0g		SID4-3	Crossing Nursery Default Breeding Location:201808.3./Crossing Nursery Defa
4	IB4	Default Seed Store	300.0g	0.0g	200.0g		SID4-4	Crossing Nursery Default Breeding Location:201808.4./Crossing Nursery Defa
5	IB5	Default Seed Store	300.0g	0.0g	200.0g		SID4-5	Crossing Nursery Default Breeding Location:201808.5./Crossing Nursery Defa
6	IB6	Default Seed Store	300.0g	0.0g	200.0g		SID4-6	Crossing Nursery Default Breeding Location:201808.6./Crossing Nursery Defa
7	IB7	Default Seed Store	300.0g	0.0g	200.0g		SID4-7	Crossing Nursery Default Breeding Location:201808.7./Crossing Nursery Defa
8	IB8	Default Seed Store	300.0g	0.0g	200.0g		SID4-8	Crossing Nursery Default Breeding Location:201808.8./Crossing Nursery Defa
9	IB9	Default Seed Store	300.0g	0.0g	200.0g		SID4-9	Crossing Nursery Default Breeding Location:201808.9./Crossing Nursery Defa
10	IB10	Default Seed Store	300.0g	0.0g	200.0g		SID4-10	Crossing Nursery Default Breeding Location:201808.10./Crossing Nursery Defa
11	IB11	Default Seed Store	300.0g	0.0g	200.0g		SID4-11	Crossing Nursery Default Breeding Location:201808.11./Crossing Nursery Defa
12	IB12	Default Seed Store	300.0g	0.0g	200.0g		SID4-12	Crossing Nursery Default Breeding Location:201808.12./Crossing Nursery Defa
13	IB13	Default Seed Store	300.0g	0.0g	200.0g		SID4-13	Crossing Nursery Default Breeding Location:201808.13./Crossing Nursery Defa

- From the Manage Studies tool, **browse** and open the **F1 Nursery**.

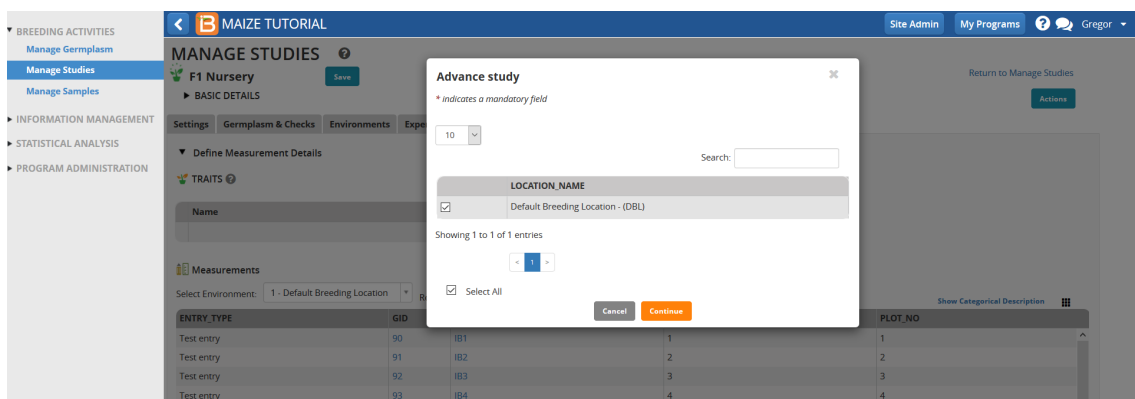


## Random Bulk Advance to F2

- Select **Advance study** from the Advance study options in the Actions menu.



- **Continue**



- Choose the random bulk breeding method to produce F2 generation by selfing the F1 population and bulking all seed from each plot. Select **Finish**.

**Advance study**

\* indicates a mandatory field

**METHODS**

☒ Breeding Method is the same for each advance

Random bulk - DRP

☒ Derivative and Maintenance methods

☐ All methods

☐ Show only favorite methods [Manage Methods](#)

**BULK**

☒ All plots are selected

**LOCATION DETAILS**

LOCATION\_NAME

Default Breeding Location - (DBL)

[Back](#) [Finish](#)

- Review the pending F2 lines and select **Finish**.

**Advance study**

**REVIEW ADVANCED LINES**

Advance List Entries

Total Entries: 25 Selected: 0

ENTRY_NO	DESIGNATION	CROSS	GID	SEED SOURCE	TRIAL_INSTANCE
1	IB1-RB	Pending		F1 Nursery:Default Breeding Location:201808.1:	1
2	IB2-RB	Pending		F1 Nursery:Default Breeding Location:201808.2:	1
3	IB3-RB	Pending		F1 Nursery:Default Breeding Location:201808.3:	1
4	IB4-RB	Pending		F1 Nursery:Default Breeding Location:201808.4:	1
5	IB5-RB	Pending		F1 Nursery:Default Breeding Location:201808.5:	1
6	IB6-RB	Pending		F1 Nursery:Default Breeding Location:201808.6:	1
7	IB7-RB	Pending		F1 Nursery:Default Breeding Location:201808.7:	1
8	IB8-RB	Pending		F1 Nursery:Default Breeding Location:201808.8:	1
9	IB9-RB	Pending		F1 Nursery:Default Breeding Location:201808.9:	1
10	IB10-RB	Pending		F1 Nursery:Default Breeding Location:201808.10:	1
11	IB11-RB	Pending		F1 Nursery:Default Breeding Location:201808.11:	1
12	IB12-RB	Pending		F1 Nursery:Default Breeding Location:201808.12:	1
13	IB13-RB	Pending		F1 Nursery:Default Breeding Location:201808.13:	1
14	IB14-RB	Pending		F1 Nursery:Default Breeding Location:201808.14:	1
15	IB15-RB	Pending		F1 Nursery:Default Breeding Location:201808.15:	1

☐ Select All

[Back](#) [Finish](#)

- Name, describe, and save the F2 Germplasm list in the 2018 folder.

**Save List As**

List Location

- Crop lists
- Program lists
  - 2018
    - F1 Germplasm
    - Nursery Checks
    - Commercial Checks 2018
    - Parental List 2018
    - Trial Germplasm 2018

List Details

\* indicates a mandatory field

List Name: F2 Germplasm

List Owner: Gregor Mendel

List Description: For F2 Nursery

List Type: HARVEST LIST

List Date: 2018-08-29

Notes:

[Cancel](#) [Save](#)

## Harvest F2 Seed

- Select **Generate Stock List** to record the amount harvested from Advance List Actions menu.

**MANAGE STUDIES**  
F1 Nursery

Settings | Germplasm & Checks | Environments | Experimental Design | Measurements | Advance List: [F2 Germplasm]

Advance List: F2 Germplasm  
Total Entries: 25 | Selected: 0

ENTRY_NO	DESIGNATION	CROSS	GID	SEED_SOURCE
1	IB1-RB	-	115	F1 Nursery-Default Breeding Location:201808.1:
2	IB2-RB	-	116	F1 Nursery-Default Breeding Location:201808.2:
3	IB3-RB	-	117	F1 Nursery-Default Breeding Location:201808.3:
4	IB4-RB	-	118	F1 Nursery-Default Breeding Location:201808.4:
5	IB5-RB	-	119	F1 Nursery-Default Breeding Location:201808.5:
6	IB6-RB	-	120	F1 Nursery-Default Breeding Location:201808.6:
7	IB7-RB	-	121	F1 Nursery-Default Breeding Location:201808.7:
8	IB8-RB	-	122	F1 Nursery-Default Breeding Location:201808.8:
9	IB9-RB	-	123	F1 Nursery-Default Breeding Location:201808.9:
10	IB10-RB	-	124	F1 Nursery-Default Breeding Location:201808.10:
11	IB11-RB	-	125	F1 Nursery-Default Breeding Location:201808.11:
12	IB12-RB	-	126	F1 Nursery-Default Breeding Location:201808.12:
13	IB13-RB	-	127	F1 Nursery-Default Breeding Location:201808.13:
14	IB14-RB	-	128	F1 Nursery-Default Breeding Location:201808.14:

- Continue.

**MANAGE STUDIES**  
F1 Nursery

Settings | Germplasm & Checks | Environments | Experimental Design | Measurements | Advance List: [F2 Germplasm]

Advance List: F2 Germplasm  
Total Entries: 25 | Selected: 0

**Generate Stock ID**

Specify first letter(s) of prefix:

If no prefix is specified, the default SID prefix will be used

Next prefix in this sequence:

Example StockID for this list:

Cancel | Continue

- Highlight all 25 entries and select **Update Inventory** from the Stock List Actions menu.

**MANAGE STUDIES**  
F1 Nursery

Settings | Germplasm & Checks | Environments | Experimental Design | Measurements | Advance List: [F2 Germplasm] | Stock List: [F2 Germplasm]

Stock List: F2 Germplasm  
Total Entries: 25 | Selected: 25

Showing 1 to 25 of 25 entries

ENTRY_NO	DESIGNATION	CROSS	GID	SEED_SOURCE	GROUP ID	LOCATION	AMOUNT	UNITS	StockID
1	IB1-RB	-	115	F1 Nursery-Default Breeding Location:201808.1:	-	-	0.0	SIDS-1	
2	IB2-RB	-	116	F1 Nursery-Default Breeding Location:201808.2:	-	-	0.0	SIDS-2	
3	IB3-RB	-	117	F1 Nursery-Default Breeding Location:201808.3:	-	-	0.0	SIDS-3	
4	IB4-RB	-	118	F1 Nursery-Default Breeding Location:201808.4:	-	-	0.0	SIDS-4	
5	IB5-RB	-	119	F1 Nursery-Default Breeding Location:201808.5:	-	-	0.0	SIDS-5	
6	IB6-RB	-	120	F1 Nursery-Default Breeding Location:201808.6:	-	-	0.0	SIDS-6	
7	IB7-RB	-	121	F1 Nursery-Default Breeding Location:201808.7:	-	-	0.0	SIDS-7	
8	IB8-RB	-	122	F1 Nursery-Default Breeding Location:201808.8:	-	-	0.0	SIDS-8	
9	IB9-RB	-	123	F1 Nursery-Default Breeding Location:201808.9:	-	-	0.0	SIDS-9	

- Choose a seed storage location and g -Weighed as the units of measurement. Enter 500 for the seed amount and **Save**.

**MANAGE STUDIES**  
F1 Nursery

Settings | Germplasm & Checks | Environments | Experimental Design | Measurements | Advance List: [F2 Germplasm] | Stock List: [F2 Germplasm]

Stock List: F2 Germplasm  
Total Entries: 25 | Selected: 25

Showing 1 to 25 of 25 entries

**Update Inventory**

\* indicates a mandatory field

**LOCATION**

Choose a storage location to apply to selected entries:  [Manage Locations](#)

Showing:

☒ Seed storage locations  
☐ All locations types  
☐ Include favorite locations only

**SCALE AND AMOUNT**

Choose the scale to apply to selected entries:

Amount:

**COMMENTS**

Comments:

Cancel | Save

Review Germplasm list with Stock IDs



500 grams of seed has now been applied to all 25 F2 germplasm entries.

BREEDING ACTIVITIES

Manage Germplasm

Manage Studies

Manage Samples

INFORMATION MANAGEMENT

STATISTICAL ANALYSIS

PROGRAM ADMINISTRATION

MAIZE TUTORIAL

Site AdminMy ProgramsGregor

MANAGE STUDIES

F1 Nursery

BASIC DETAILS

SettingsGermplasm & ChecksEnvironmentsExperimental DesignMeasurementsAdvance List: [F2 Germplasm]Stock List: [F2 Germplasm]

Stock List: F2 Germplasm

Notes:

View List Details

Stock List Actions

Total Entries: 25Selected: 0

Showing 1 to 25 of 25 entries

ENTRY_NO	DESIGNATION	CROSS	GID	SEED_SOURCE	GROUP ID	LOCATION	AMOUNT	UNITS	StockID	COMMENT
1	IB1-RB	-	115	F1 Nursery:Default Breeding Location:201808:1:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-1	For F2 Nursery
2	IB2-RB	-	116	F1 Nursery:Default Breeding Location:201808:2:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-2	For F2 Nursery
3	IB3-RB	-	117	F1 Nursery:Default Breeding Location:201808:3:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-3	For F2 Nursery
4	IB4-RB	-	118	F1 Nursery:Default Breeding Location:201808:4:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-4	For F2 Nursery
5	IB5-RB	-	119	F1 Nursery:Default Breeding Location:201808:5:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-5	For F2 Nursery
6	IB6-RB	-	120	F1 Nursery:Default Breeding Location:201808:6:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-6	For F2 Nursery
7	IB7-RB	-	121	F1 Nursery:Default Breeding Location:201808:7:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-7	For F2 Nursery
8	IB8-RB	-	122	F1 Nursery:Default Breeding Location:201808:8:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-8	For F2 Nursery
9	IB9-RB	-	123	F1 Nursery:Default Breeding Location:201808:9:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-9	For F2 Nursery
10	IB10-RB	-	124	F1 Nursery:Default Breeding Location:201808:10:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-10	For F2 Nursery
11	IB11-RB	-	125	F1 Nursery:Default Breeding Location:201808:11:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-11	For F2 Nursery
12	IB12-RB	-	126	F1 Nursery:Default Breeding Location:201808:12:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-12	For F2 Nursery
13	IB13-RB	-	127	F1 Nursery:Default Breeding Location:201808:13:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-13	For F2 Nursery
14	IB14-RB	-	128	F1 Nursery:Default Breeding Location:201808:14:	-	Default Seed Store	500.0	SEED_AMOUNT_g	SIDS-14	For F2 Nursery

## Reserve F2 Seed for F2 Nursery

- Return to Manage Germplasm. **Browse** and select the F2 Germplasm list. Select **Inventory View** from the Actions menu. Highlight all entries and select **Reserve Inventory** from the Inventory Management Option in the Actions menu.

BREEDING ACTIVITIES

Manage Germplasm

Manage Studies

Manage Samples

INFORMATION MANAGEMENT

STATISTICAL ANALYSIS

PROGRAM ADMINISTRATION

MAIZE TUTORIAL

Site AdminMy ProgramsGregor

MANAGE GERMPASM

View ListsView Germplasm

List Details

Browse or search for a list to work with.

Show List Builder

F2 Germplasm

Inventory

Total Lots: 25Selected: 25

1

IB1-RB

Default Seed Store

500.0g

0.0g

0.0g

2

IB2-RB

Default Seed Store

500.0g

0.0g

0.0g

3

IB3-RB

Default Seed Store

500.0g

0.0g

0.0g

4

IB4-RB

Default Seed Store

500.0g

0.0g

0.0g

5

IB5-RB

Default Seed Store

500.0g

0.0g

0.0g

6

IB6-RB

Default Seed Store

500.0g

0.0g

0.0g

7

IB7-RB

Default Seed Store

500.0g

0.0g

0.0g

8

IB8-RB

Default Seed Store

500.0g

0.0g

0.0g

9

IB9-RB

Default Seed Store

500.0g

0.0g

0.0g

10

IB10-RB

Default Seed Store

500.0g

0.0g

0.0g

11

IB11-RB

Default Seed Store

500.0g

0.0g

0.0g

12

IB12-RB

Default Seed Store

500.0g

0.0g

0.0g

13

IB13-RB

Default Seed Store

500.0g

0.0g

0.0g

14

IB14-RB

Default Seed Store

500.0g

0.0g

0.0g

15

IB15-RB

Default Seed Store

500.0g

0.0g

0.0g

16

IB16-RB

Default Seed Store

500.0g

0.0g

0.0g

17

IB17-RB

Default Seed Store

500.0g

0.0g

0.0g

Reserve inventory

Save changes

Cancel Reservations

Close lots

Return to List entries view

List editing options

Inventory management options

Export Seed preparation list

Import Seed preparation list

Print Labels

SIDS-4

F1 Nursery:Default Breeding Location:201808:4:

116

SIDS-5

F1 Nursery:Default Breeding Location:201808:5:

120

SIDS-6

F1 Nursery:Default Breeding Location:201808:6:

130

SIDS-7

F1 Nursery:Default Breeding Location:201808:7:

126

SIDS-8

F1 Nursery:Default Breeding Location:201808:8:

139

SIDS-9

F1 Nursery:Default Breeding Location:201808:9:

127

SIDS-10

F1 Nursery:Default Breeding Location:201808:10:

128

SIDS-11

F1 Nursery:Default Breeding Location:201808:11:

117

SIDS-12

F1 Nursery:Default Breeding Location:201808:12:

131

SIDS-13

F1 Nursery:Default Breeding Location:201808:13:

125

SIDS-14

F1 Nursery:Default Breeding Location:201808:14:

136

SIDS-15

F1 Nursery:Default Breeding Location:201808:15:

138

SIDS-16

F1 Nursery:Default Breeding Location:201808:16:

134

SIDS-17

F1 Nursery:Default Breeding Location:201808:17:

122

- Specify 300g for each entry for the F2 nursery. Select **Finish**.

BREEDING ACTIVITIES

Manage Germplasm

Manage Studies

Manage Samples

INFORMATION MANAGEMENT

STATISTICAL ANALYSIS

PROGRAM ADMINISTRATION

MAIZE TUTORIAL

Site AdminMy ProgramsGregor

MANAGE GERMPASM

View ListsView Germplasm

List Details

Browse or search for a list to work with.

Show List Builder

F2 Germplasm

Inventory

Total Lots: 25Selected: 25

1

IB1-RB

Default Seed Store

500.0g

0.0g

0.0g

2

IB2-RB

Default Seed Store

500.0g

0.0g

0.0g

3

IB3-RB

Default Seed Store

500.0g

0.0g

0.0g

4

IB4-RB

Default Seed Store

500.0g

0.0g

0.0g

5

IB5-RB

Default Seed Store

500.0g

0.0g

0.0g

6

IB6-RB

Default Seed Store

500.0g

0.0g

0.0g

7

IB7-RB

Default Seed Store

500.0g

0.0g

0.0g

8

IB8-RB

Default Seed Store

500.0g

0.0g

0.0g

9

IB9-RB

Default Seed Store

500.0g

0.0g

0.0g

10

IB10-RB

Default Seed Store

500.0g

0.0g

0.0g

11

IB11-RB

Default Seed Store

500.0g

0.0g

0.0g

Seed Preparation

Specify the amount of seed you would like to prepare for each selected lot. (25 selected)

Amount to Reserve ☐ Specify amount in SEED\_AMOUNT\_g  ☐ Prepare all available seed

Notes

☐ Commit seed withdrawal on saving

CancelFinish

LOT\_ID

Default Breeding Location:201808:1:

135

LOT\_ID

Default Breeding Location:201808:2:

137

LOT\_ID

Default Breeding Location:201808:3:

132

LOT\_ID

Default Breeding Location:201808:4:

116

LOT\_ID

Default Breeding Location:201808:5:

120

LOT\_ID

Default Breeding Location:201808:6:

130

LOT\_ID

Default Breeding Location:201808:7:

126

LOT\_ID

Default Breeding Location:201808:8:

139

LOT\_ID

Default Breeding Location:201808:9:

127

LOT\_ID

Default Breeding Location:201808:10:

128

LOT\_ID

Default Breeding Location:201808:11:

117

- Save changes** under Inventory Management Option.

BREEDING ACTIVITIES

Manage Germplasm

Manage Studies

Manage Samples

INFORMATION MANAGEMENT

STATISTICAL ANALYSIS

PROGRAM ADMINISTRATION

MAIZE TUTORIAL

Site AdminMy ProgramsGregor

MANAGE GERmplasm

View ListsView Germplasm

List Details

Browse or search for a list to work with.

Show List Builder

F2 Germplasm

Inventory

Total Lots: 25Selected: 25

✓

#

DESIGNATION

LOCATION

AVAILABLE

RESERVATION

TOTAL WITHDRAWALS

COMMENT

1

IB1-RB

Default Seed Store

200.0g

300.0g

0.0g

2

IB2-RB

Default Seed Store

200.0g

300.0g

0.0g

3

IB3-RB

Default Seed Store

200.0g

300.0g

0.0g

4

IB4-RB

Default Seed Store

200.0g

300.0g

0.0g

5

IB5-RB

Default Seed Store

200.0g

300.0g

0.0g

6

IB6-RB

Default Seed Store

200.0g

300.0g

0.0g

7

IB7-RB

Default Seed Store

200.0g

300.0g

0.0g

8

IB8-RB

Default Seed Store

200.0g

300.0g

0.0g

9

IB9-RB

Default Seed Store

200.0g

300.0g

0.0g

10

IB10-RB

Default Seed Store

200.0g

300.0g

0.0g

11

IB11-RB

Default Seed Store

200.0g

300.0g

0.0g

12

IB12-RB

Default Seed Store

200.0g

300.0g

0.0g

13

IB13-RB

Default Seed Store

200.0g

300.0g

0.0g

14

IB14-RB

Default Seed Store

200.0g

300.0g

0.0g

15

IB15-RB

Default Seed Store

200.0g

300.0g

0.0g

16

IB16-RB

Default Seed Store

200.0g

300.0g

0.0g

17

IB17-RB

Default Seed Store

200.0g

300.0g

0.0g

Reserve inventory

Save changes

Cancel Reservations

Close lots

Return to List entries view

List editing options

Inventory management options

Export Seed preparation list

Import Seed preparation list

Print Labels

SID5-4

F1 Nursery:Default Breeding Location:201808:4

116

SID5-5

F1 Nursery:Default Breeding Location:201808:5

120

SID5-6

F1 Nursery:Default Breeding Location:201808:6

130

SID5-7

F1 Nursery:Default Breeding Location:201808:7

126

SID5-8

F1 Nursery:Default Breeding Location:201808:8

139

SID5-9

F1 Nursery:Default Breeding Location:201808:9

127

SID5-10

F1 Nursery:Default Breeding Location:201808:10

128

SID5-11

F1 Nursery:Default Breeding Location:201808:11

117

SID5-12

F1 Nursery:Default Breeding Location:201808:12

131

SID5-13

F1 Nursery:Default Breeding Location:201808:13

125

SID5-14

F1 Nursery:Default Breeding Location:201808:14

136

SID5-15

F1 Nursery:Default Breeding Location:201808:15

138

SID5-16

F1 Nursery:Default Breeding Location:201808:16

134

SID5-17

F1 Nursery:Default Breeding Location:201808:17

122

Select All

Reserved seed amount is now indicated in the Reservation column. F2 inventory reservations are now ready for planting the F2 nursery.