

Field Plan

Quick View

A Breeding Management System
core functionality

Tools for creating field plans are available in the nursery and trial management sections of the Breeding Management System (BMS). You can select one or more nurseries or trials, specify the details of your field and plot configuration, choose your planting order, and then generate a graph view of your map that can be printed or exported to an Excel file. The Field Plan tool provides the convenience of specifying field dimensions and planting preferences, then laying out nurseries and trials for planting, all without leaving the BMS environment.

FIELD PLAN ?

MAKE A FIELD PLAN 1. ENTER FIELD DETAILS 2. ENTER PLANTING DETAILS 3. GENERATE FIELD MAP

SUMMARY OF TRIAL, FIELD AND PLANTING DETAILS

Selected Trials:

| Order | Trial | Instance | # of Entries | # of Reps | Plots Needed |
|-------|------------|----------|--------------|-----------|--------------|
| 1 | Trial457-3 | 2 | 55 | 2 | 110 |

Total Number of Plots : 110

FIELD AND BLOCK DETAILS
Field Location: CIMMYT Harare
Field Name: Field 1
Block Name: Block 2

ROW, RANGE AND PLOT DETAILS
Block Capacity: 80 Rows, 50 Ranges
Rows per Plot: 4
Columns: 20

PLANTING DETAILS
Starting Coordinates: Column 1, Range 1
Plot Layout Order: Row/Column
Row Capacity of Planting Machine: 4

FIELD MAP

Arrows indicate direction of travel of the planting machine.

| Rows | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|----------|---|----------|---|----------|----|
| | ↑ | ↓ | ↑ | ↓ | ↑ | ↓ | ↑ | ↓ | ↑ | ↓ |
| | Column 1 | | Column 2 | | Column 3 | | Column 4 | | Column 5 | |
| Range 20 | UCR2010F1 Entry 20 | UCR2010F1 Entry 21 | UCR2010F1 Entry 60 | UCR2010F1 Entry 61 | | | | | | |
| Range 19 | UCR2010F1 Entry 19 | UCR2010F1 Entry 22 | UCR2010F1 Entry 59 | UCR2010F1 Entry 62 | | | | | | |
| Range 18 | UCR2010F1 Entry 18 | UCR2010F1 Entry 23 | UCR2010F1 Entry 58 | UCR2010F1 Entry 63 | | | | | | |
| Range 17 | UCR2010F1 Entry 17 | UCR2010F1 Entry 24 | UCR2010F1 Entry 57 | UCR2010F1 Entry 64 | | | | | | |
| Range 16 | UCR2010F1 Entry 16 | UCR2010F1 Entry 25 | UCR2010F1 Entry 56 | UCR2010F1 Entry 65 | | | | | | |

Choose the trial instances you wish to include in the field plan.

Ability to specify the available rows and ranges in your field, and number of rows.

Specify the row capacity of your planting machine.

Field plan notes planting direction to assist with planting preparations.

Generate a graph view of your map to print or export (Excel).

| Description | Development phase | What's new | Related support tools |
|---|-------------------|--|--|
| Create a map from existing nursery or trial and select trial replicate(s) to include in it. | Stable version | <ul style="list-style-type: none"> Flexible range of field configurations Ability to note plots that cannot be planted Graphical view of field plan for printing or exporting | www.integratedbreeding.net/477/training/bms-user-manual/make-field-map ibp@cgiar.org |

“ The Field Plan tool is yet another very convenient new feature to let breeders specify their preferences within the BMS environment. It lets them lay out nurseries and trials for planting in an intuitive and straightforward way. —Jean Phillips, Project Manager, Efficio LLC ”