

ARM 2024 Changes

2024.0

Assessment Editor

Rating Interval

Define numerical interval between valid assessment values

- E.g. Interval=1 for whole numbers, 0.25 for values like 0.75, 1.25

Rating Date	Mar-5-2024					
Standard Evaluation (SE)						
SE Name	ZUSI014					
Part Rated	ROOT					
Rating Type	DAMINS					
Rating Unit	0-3NCR					
Rating Min/Max/Interval	0	3	0.25			
Number of Subsamples	1					
Sub	Rep	Blk	Col	Plot	Trt	
1	1	1	1	101	4	0.75
1	1	1	2	102	1	1
1	2	1	3	103	1	0.5
1	2	1	4	104	4	2.25

Rating Interval

- ARM prompts if invalid data value is entered:

Rating Unit	1-4
Rating Min/Max/Interval	1 4 1

ARM Request

The assessment value '1.5' is invalid for this column.

The Rating Interval field is set to '1' in this column. Valid assessment values must be divisible by the Rating Interval value.

1.5

Select 'OK' after entering an assessment value that is divisible by the Rating Interval. Select 'Cancel' to keep the original value and return to assessment editor to change the Rating Interval.

OK Cancel Help

Sub	Rep	Blk	Col	Plot	Trt	
1	1	1	1	101	4	1.5

- Intervals define rating shortcut buttons in ARM Mobile:

ARM Mobile

Assessment Entry

AM_Fung | 101

Treatment #: 3 Next: 102

Disease index 1 - 4 of plants |

PESSEV | 2022-01-11

1 2 3 4

Tablet Data Entry mode

Reduced width of header prompts to fix more on the screen

Before

Column Number	1	
Assessed By	▼	
Rating Date	▼	
[-] Standard Evaluation (SE)	▶	
- SE Description	▼	
- Part Rated	PLANT	▼ P
- Rating Type	COUPLA	
- Rating Unit	PLANT	
- Rating Min/Max/Interval	▼	▼
- Sample Size	1	PLOT
- Subsamples	1	
[+] Crop	▶	
[+] Pest	AMAPA	
<i>Sub</i>	<i>Plot</i>	1
1	101	▶

After

Column Number	1	
Assessed By	▼	
Rating Date	▼	
[-] SE	▶	
- SE Description	▼	
- Part Rated	PLANT	▼ P
- Rating Type	COUPLA	
- Rating Unit	PLANT	
- Min/Max/Interval	▼	▼
- Sample Size	1	PLOT
- Subsamples	1	
[+] Crop	▶	
[+] Pest	AMAPA	
<i>Sub</i>	<i>Plot</i>	1
1	101	▶

Study List

Study List

Added new fields to the Study List:

- Trial Origin, SE Definitions – SE Name, Assessment Data – SE Name

Tip: Use both SE Name filters to find trials that did not use a particular SE:

The screenshot shows the 'Study List' application interface. On the left is a tree view with categories: Site and Design, Soil/Moisture, Application, SE Definitions, Assessment Data (highlighted), and Other. The main panel has two filter sections: 'SE Definitions' with 'SE Name: D011' and 'Assessment Data' with 'SE Name: ^D011'. Below these are 'Part Rated' options (Include, Exclude) and a 'Change' button. A table at the bottom shows a list of studies with columns: Selected, Study ID, Parent Project, Project ID, Official Name, Other Name, Study Type, Discipline, Status, and Trial F. A red callout '1' points to the 'Assessment Data' category in the tree. A red callout '2' points to the 'D011' entry in the table. A red callout '3' points to the 'Exclude' button.

Selected	Study ID	Parent Project	Project ID	Official Name	Other Name	Study Type	Discipline	Status	Trial F
<input type="checkbox"/>	Fung-noSE	G-All7_Fung		B2007RTJ02N25		Trial	F	F	HIGH

Site Description

Editor View

Hide multiple fields at once within a Site Description table

General Trial | Regulations | Objectives/Conclusions | Contacts | Crop Description | Pest Description | Site and Design | Maintenance | Soil | Weather

Weather Conditions

Overall Moisture Conditions: Irrigation Type:

Weather Station Name: Code: Distance:

Insert row with Shift+F7, Delete current row with Shift+F8

No.	Date	Time	Moisture Total	Unit	Min Temp	Max Temp	Avg Temp	Temp Unit	Min % Relative Humidity	Max % Relative Humidity	Avg % Relative Humidity	Min Wind	Max Wind	Avg Wind	Unit	% C
1.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comment:

Drag to highlight multiple columns/rows, then right-click > “Hide Current Field”

Bug Fixes

Impactful fixes

Fixed issue where box-whisker graph outliers may be beyond the Y-axis range, when the Y axis scale is set to Zero Origin.

Improved messaging when an image is corrupt or too large to add to the Profile or to sign a trial.

Fixed so trial columns that have a blank ARM Action Code are not forced into separate grand mean columns in ARM ST (Summary across Trials) add-in.

Changed so incompatible filename characters are not allowed in Protocol ID and Trial ID fields. These include:

`\ / : * ? < > | # % & $! ' @ + ` =`