

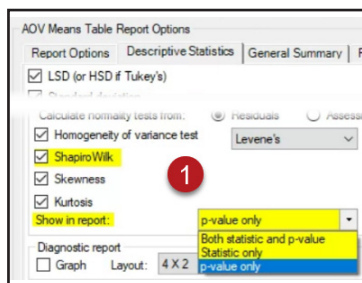
ARM Product Pulse

Your source for the latest ARM updates and best practices

Issue #17

ARM 2022.5 Features and Enhancements

Run "Check for Updates" to take advantage of the latest developments! Release notes also found on the [website](#).



1. AOV Means Table

- Added Shapiro-Wilks to report
- Added option to control normality tests reporting
 - 1) test statistic only
 - 2) p-value only (recommended)
 - 3) both

Statistics (P)	Raw	IID	AL	AS
Treatments	11	11	11	11
Levene's	0.0136	0.0059	0.0003	0.0014
ShapiroWilks	0	0.8081	0.1525	0.5179

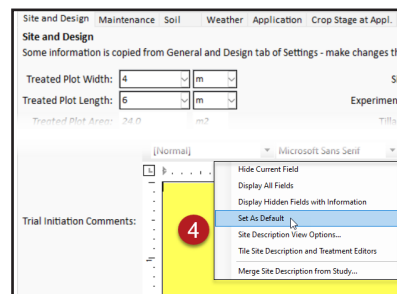
2. Column Diagnostics Panel highlights values indicating a failure of data to meet AOV assumptions.



No.	Date	Type	Maintenance	Product Name	Form Conc
1.	Oct-4-2022				
2.					

3. New blank record is automatically inserted at the end of GDMdef repeating sections (excludes Application, Crop, and Pest sections).

4. 'Set as Default' can be used in multi-line long text fields and rich text fields.



November webinar series: Trial Summaries

Data Calculations in ARM - Tue. Nov. 8 at 9 am CST

Summarize recorded data with transformations and ARM Action Codes.

Creating a Graph - Tue. Nov. 15 at 9 am CST

We demonstrate the graphing functionality and options within ARM.

Summary across Trials (ST) Basics - Tue. Nov. 22 at 9 am CST

Learn the basics of ST add-in, to summarize multiple trials across years or locations.

ST Basics: Part 2 - Tue. Nov. 29 at 9 am CST

A continuation of the previous ST Basics webinar, covering additional treatment and assessment criteria plus graphing.

Join us live to learn more about ARM software.

Register [HERE](#).

Can't make it?

Registered participants receive a link to the recording.

Find prior webinars archived [HERE](#).



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We added several **new fields** in both Protocol and Trial files to enhance planning and communication!

Highlights include:

- New Regulations tab with Harvest Destruction section
- Crop Description expanded in a protocol
- Separated Crop and Pest Description in a protocol (to match trial)
- More columns in Trial Location table for planning sites in an experiment

View summary of all changes [HERE](#).

Trial Establishment Guidelines
Enter below required settings to use in trial

Project ID: Dev:
Revision Number: Revision:
Revision Date: Issue Date: Status Date:
Interim Report Due: Final Report Due: Interim Data Due:
Last Export Date: Last Changed By: First M Name

Treated Plot Area: 24.0 m² Tillage Type:
Replications: 4 Study Design: RACOB
Buffer Zone: Untreated Arrangement:

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

Country	State	Region	Year	Trial ID	Responsible	Vendor ID	Site	Investigator	Trial Origin	Number of Trials	Trial Cost	Unit	Status	Secrecy Agreement	Internal Operating No.	Site Requirements	Comment

Total Trials: Total Cost:
Number of Applications / Trial:
Number of Assessments / Trial:
Number of Harvests / Trial:

Callouts:
- Dates to communicate deadlines (points to Date fields)
- Additional fields to plan/track/create trials in this experiment (points to Buffer Zone and Untreated Arrangement)
- Auto-calculated totals from above (points to Total Trials and Total Cost)
- Free-text description of planned aspects of trials in this experiment (points to Comment column)

SE Definitions
Insert SE Definition with Shift+F7, Delete current SE Definition with Shift+F8

Rating Timing	SE Name	Pest Type, Code	Crop Type, Code	Required
	1.			ALTERN OPTION REQUIR Edit...

Callout: Communicate expectations for planned SEs (points to Required field)

Utilize Standard Evaluations (SEs) to save time!

An SE is one or more assessment column headers saved together to ensure consistency in planning and entering assessment data. Use the SE Definitions tab of the Protocol Description to view ARM's master list of commonly used SEs.

New field on SE Definitions editor

Communicate instructions for planned SEs with a new field on the SE Definitions editor.

- **Required:** assessment required; SE must be used
- **Alternative:** an assessment is required, but can choose at least one of the related SEs
- **Optional:** not required, but recommended where applicable



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