

ARM 2022.5 Field Changes

New Fields (Protocol)

Header (Protocol)

Header

Title:

Title No. 2:

Protocol ID: Location:

Trial ID: Trial Year:

Project ID:

Study Director: *Sponsor Contact:*

Investigator (Creator): Conducted Under GEP:

Two more Project IDs, if study belongs to >1 project

Treatments

Treatments - Line 1																	
Tit Line	Tit No.	Type	Treatment Name	R	Ph	Safety Phrase	Genotype	Characteristic	Vector Name	Promoter:: Gene	TGW g/100	Ra	on	Dilution Factor	EUP	Core Component?	Comment 1
1	1																
2																	
3																	
4																	
5																	
6																	
7																	
8																	

Information for seed/variety studies

Experimental Use Permit (EUP) number

Identify most important component(s) of a treatment (for multi-line trts)

Trial Establish. Guidelines

Trial Establishment Guidelines

Trial Establishment Guidelines

Enter below required settings to use in trial

Project ID:
 Revision Number:
 Revision Date:
 Interim Report Due:
 Last Export Date:
 Treated Plot Area: 24.0 m2
 Replications:
 Buffer Zone:

Dev:
 Revision:
 Issue Date:
 Final Report Due:
 Last Changed By: First M Name
 Status Date:
 Interim Data Due:
 Tillage Type:
 Study Design: RACOB...
 Untreated Arrangement:

Dates to communicate deadlines

Additional fields to plan/track/create trials in this experiment

Trial Location

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

Country	State	Region	Trial Year	Trial ID	Responsible	Vendor ID	Site	Investigator	Trial Origin	Number of Trials	Trial Cost	Cost Unit	Status	Secrecy Agreement	Internal Operating No.	Site Requirements	Comment
<input type="text"/>	<input type="text"/>	<input type="text"/>															

Auto-calculated totals from above

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

Free-text description of planned aspects of trials in this experiment

New tab: Regulations

Regulations

Test Facility:

GEP Accreditation Number:

GEP Accreditation Link:

Some information is copied from General tab of Selected Trial

Conducted Under GLP: Official Trial ID:

Conducted Under GEP: Study Rules:

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

No.	Harvest Destroyed?	Crop No.	Crop Code	Crop Stage	Explanation	Method	Destruction Date	Verified By
1.	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>		<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>

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

No.	Guideline	Discipline	Description
1.	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>

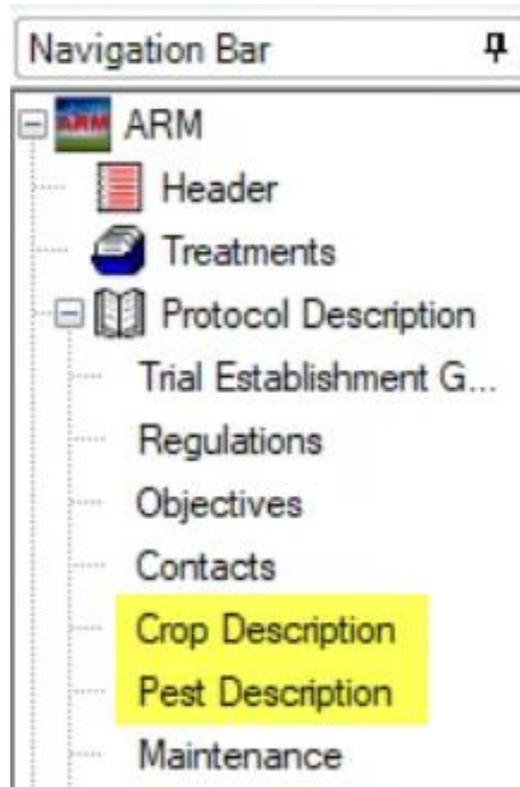
Moved from General Trial

Moved from General Trial

New section for verification of harvest destruction

Crop/Pest (Protocol)

Now separated into different tabs in the protocol too:



Crop Description (Protocol)

Crop Description

Quick View: Original Variety Treatment Planting Transplant Harvest

Crop Description
Insert Crop with Shift+F7, Delete current Crop with Shift+F8

Crop 1: [Dropdown] [Dropdown] [Dropdown] [Dropdown] BBCH Scale: [Dropdown]

Stage Scale: [Dropdown]
Variety: [Dropdown]
Attributes: [Dropdown]

Seed Lot No: [Text]
% Germination: [Text] % Seed Moisture: [Text]
Seed Shape: [Dropdown]
Seed Mod./Coating Type: [Dropdown]

Nursery Date: [Dropdown]
Planting Date: [Dropdown]
Depth: [Text] [Dropdown]

Rows per Plot: [Text]

Planting Stage: [Dropdown]
Rootstock: [Dropdown]
Harvested Width: [Text] [Dropdown]
% Standard Moisture: [Text]

Crop Group: [Dropdown]
Maturity Group: [Dropdown]
Natural Crop Population: [Dropdown]
Seed Source: [Text]
1000 Grain Weight: [Text] [Dropdown]
Seed Size: [Text] [Dropdown]

Seed Treatment Products: [Text]

Planting Rate: [Text] [Dropdown]
Planting Density: [Text] [Dropdown]
Planting Method: [Dropdown]
Row Spacing: [Text] [Dropdown]
Plant Shape: [Dropdown]

Harvested Length: [Text] [Dropdown]

New to protocol, were already in Trial

Pest Description (Protocol)

Pest Description

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

Pest 1 Type: Code:

Common Name: Stage Scale:

Attributes: Artificial Population:

Resistance Characteristics: Resistance Information:

Establishment Date:

Establishment Rate:

Concentration:

Establishment Method/Description:

New to protocol, were already in Trial

SE Definitions

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
				REQUIR

ALTERN
OPTION
REQUIR
Edit...

Communicate expectations for planned SEs

No.	Task	Comment
1.		

Required: assessment is required and SE must be used

Alternative: an assessment is required, but can choose at least one of the related SEs

Optional: not required, but is recommended where applicable

New Fields (Trial)

Header (Trial)

Header

Title:

Title No. 2:

Trial ID: Official Trial ID:  Cooperator Trial ID:

Protocol ID: Location: Trial Year:

Project ID:

Study Director:  Sponsor Contact:

Investigator (Creator): Trial Origin: Under GEP:

Moved "Other Trial ID" from Trial Est. Guide. and changed to

Two more Project IDs, read-only in Trial

Treatments

Treatments - Line 1																	
Tit Line	Tit No.	Type	Treatment Name	R	Ph	Safety Phrase	Genotype	Characteristic	Vector Name	Promoter:: Gene	TGW g/100	Ra	on	Dilution Factor	EUP	Core Component?	Comment 1
1	1																
2																	
3																	
4																	
5																	
6																	
7																	
8																	

Information for seed/variety studies

Experimental Use Permit (EUP) number

Identify most important component(s) of a treatment (for multi-line trts)

General Trial

General Trial

General Trial Information

Edit on Contacts tab information for the 4 duplicate person/title fields below; right-click and select Hide Field to hide (remove) from reports.

Study Director: Title:

Investigator: Title:

Discipline: Status: *setup*

Status Date: Last Export Date:

ARM Trial Created On: *Sep-23-2022* Meets All Objectives:

Initiation Date: Planned Completion Date: Interim Data Due:

Completion Date: Last Possible Tour Visit:

Protocol Revision Number: Protocol Revision Date: *Sep-23-2022*

Interim Report Due: Final Report Due:

Data Location: Usage/Type:

Last Changed By: *First M Name* Reliability:

Simple "Yes or No" to mark if trial went as planned

Dates for tracking additional deadlines related to trial

Trial Location

Address (Location):

City: Country:

State/Prov.: E County: Region:

Postal Code: Climate Zone:

County of trial location



New tab: Regulations

Regulations

Test Facility:

GEP Accreditation Number:

GEP Accreditation Link:

Some information is copied from General tab of Selected Trial

Conducted Under GLP: Official Trial ID:

Conducted Under GEP: Study Rules:

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

No.	Harvest Destroyed?	Crop No.	Crop Code	Crop Stage	Explanation	Method	Destruction Date	Verified By
1.	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>		<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>

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

No.	Guideline	Discipline	Description
1.	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>

Moved from General Trial

Moved from General Trial

New section for verification of harvest destruction

Crop Description

Crop Description

Quick View: Original Variety Treatment Planting Transplant Harvest

Crop 1: BBCH Scale

Entry Date: Crop Group: Stage Scale:

Variety: Maturity Group:

Attributes: Natural Crop Population:

Seed Lot No: Seed Source:

% Germination: % Seed Moisture: 1000 Grain Weight:

Seed Shape: Seed Size:

Perennial Age: Perennial Height:

Seed Mod./Coating Type: Seed Treatment Products:

Nursery Date:

Planting Stage: Plant Shape:

Transplant Weight: Transplant Height:

Rootstock: Scion:

Harvest Date: Harvest Equipment:

Harvested Width:

Site and Design

Site and Design

Site and Design

Some information is copied from General and Design tab of Settings - make changes there

Treated Plot Width:	<input type="text" value="4"/> <input type="text" value="m"/>	Total Plot Width:	<input type="text"/> <input type="text"/>	Site Type:	<input type="text"/>
Treated Plot Length:	<input type="text" value="6"/> <input type="text" value="m"/>	Total Plot Length:	<input type="text"/> <input type="text"/>	Experimental Unit:	<input type="text"/>
Treated Plot Area:	24.0 m ²	Trial Cost:	<input type="text"/> <input type="text"/>	Tillage Type:	<input type="text"/>
Replications:	<input type="text" value="4"/>	Treatments:	8	Study Design:	<input type="text"/>
% Slope:	<input type="text"/>	Plots arranged as in field?:	<input type="text"/>	Exposure:	<input type="text"/>
Untreated Arrangement:	<input type="text"/>	Auto-calculated # plots (Trt * Reps)			
Block Arrangement:	<input type="text"/>				
Distance between Blocks:	<input type="text"/> <input type="text"/>	Buffer Zone:	<input type="text"/>		
Trial Initiation Comments:	<input type="text"/>				
Location Quality:	Comments about quality of trial location				

Soil Description

Soil

Soil Description

Description Name:

% Sand:

% OM:

Texture:

% Silt:

% Carbon:

Additional minerals to document

% Clay:

% Lime:

Fert. Level:

Total: 0

pH:

CEC:

Soil Drainage:

Waterlogging:

Auto-calculated total of Sand+Silt+Clay

Comment:

Renamed from "Analyzed by"

Additional Measured Elements

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

Date	Element	Quantity	Unit
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Weather

Weather

Weather Conditions

Overall Moisture Conditions:

Weather Station Name: Code: Distance: Official Weather Station:

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

No.	Date	Time	Total	Unit	Precipitation	Unit	Irigation	Unit	Type	Description	Interval	Unit	30Y Precipitation	Unit	Min Temp	Max Temp	0Y Ter
1.																	

Comment:

Renamed from "Closest Weather Station"

Unique code for station

Application

Application

Application Description
Insert Application with Shift+F7, Delete current Application with Shift+F8
Appl. Code in Treatments links with Application Codes (A,B, . .) below

 **X NA**

	A	
Application Date		▼
Appl. Start Time		
Appl. Stop Time		
Moisture 1 Week after Appl.		▼
Weather Source		▼
Problems with Application?	▼	

Enter 'Y' if problems or issues with the application.

SE Definitions

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
				REQUIR

ALTERN
OPTION
REQUIR
Edit...

Communicate expectations for planned SEs

No.	Task	Comment
1.		

Required: assessment is required and SE must be used

Alternative: an assessment is required, but can choose at least one of the related SEs

Optional: not required, but is recommended where applicable