GreenLink

GreenLink Platform

Information Management Plan

Contents

Data Sharing, Ownership & Usage

Sharing & Review Data Within Your Organization

GreenLink has functionality that allows files to be submitted for review and requires approval by someone else in your organization before being integrated into to your organization's repository. This control feature is set up during your Onboarding Meeting.

Without File Review

Files submitted will be sent to the processing queue and then merged into your data repository.

With File Review

Files submitted will be labeled "For Review" and stay in a holding folder until the designated approval reviews and marks the files either as approved or rejects the file. Approved files are integrated into your organization's repository. Rejected files do not get integrated into your organization's repository.

Regardless of File Review Feature

There is currently a 10MB size limit per upload. Only text (.txt), comma separated value (.csv), and Excel files (.xls and .xlsx) are accepted at this time. Other file types may be accepted in the future. Contact Western Growers if you are interested in submitting a file of a different file type extension.

Data Ownership & Usage

Any data submitted to Creme Foundry remains the property of the participant. If a participant chooses to leave the platform, their data will be removed and no copy will be retained.

Refer to the WG Data Sharing & Usage agreement for more details on ownership and usage of data.

Data Template Fields

Within the WG Food Safety Data Sharing Project Data Template, data are organized by the following categories and data fields.

Note: On each tab, you can add any additional fields of data under the Voluntary Data area.

Growing & Ranch Location Information

1. Supplier, Grower, Ranch

Information in this table identifies **fixed** growing areas and provides geospatial information on their locations. Lots are not included in this section since they vary in size and location based on commodity.

Field Name	Description	Data Type
Supplier	Entity receiving the harvested crop; may or may not be the same as the Grower	Text
Spot Purchase	Indicates whether this is a spot purchase (leave blank if NA)	Yes/No
Grower	Grows produce on a ranch or farm	Text
Ranch Name	A physical agricultural site owned or leased by a grower, contiguous or non-contiguous	Text
Block IDs	Fixed feature of how the ranch is divided; primary farm division (separate by comma)	Text
Entrance Latitude	Degrees of latitude expressed in decimal degrees to 5 decimal places	Alpha-numeric
Entrance Longitude	Degrees of longitude expressed in decimal degrees to 5 decimal places	Alpha-numeric
Zip Code	Growing location zip code	Number

Field Name	Description	Data Type
City	Growing location city	Text
County	Growing location county	Text
State	Growing location state	Text

Water Sources and Irrigation Information

2. Fixed Water Source/Distribution Information

This table is used to identify and describe the various water sources associated with the produce being grown for your operation as well as their location information.

Field Name	Description	Data Type
Ranch Name	A physical agricultural site owned or leased by a grower, contiguous or non-contiguous. This is auto-populated from the first tab	Text
Primary Water Source	The source water source type	Drop down
Source ID	Identifier for this particular water source	Alpha-numeric
Water Type	Water Type for this source (A, B to A, or B)	Drop down
Collection Point Type	The type of point water sampling collection takes place	Drop down
Collection Point ID	Identifier for this collection point	Text
Blocks IDs fed by this water source	A list of the blocks irrigated by this water source (separate by comma)	Text
Source Latitude	Optional; GPS latitude of the water source	Alpha-numeric
Source Longitude	Optional; GPS longitude of the water source	Alpha-numeric

5. Water Sampling & Testing Results

This table is to be filled out using the sample irrigation or collection information and the results from the testing laboratory.

Field Name	Description	Data Type
Tests Ordered By	Indicate whether the test is ordered by a grower/ranch operator, processor or supplier	Drop down
Grower	Grows produce on a ranch or farm. This is auto populated from the first tab	Text
Ranch	A physical agricultural site owned or leased by a grower, contiguous or non-contiguous. This is auto-populated from the first tab	Text
Block	Fixed feature of how the ranch is divided (primary farm division). This is auto populated from the first tab	Text

Field Name	Description	Data Type
Lot	A sub-division of the block from where the crop is harvested in a specific time frame. May include the grower name/ranch or farm name/block ID.	Text
Water Source	The water source being tested	Drop down
Water Source ID	Unique ID for the water source	Text
Water Type	Water Type for this source (A, B to A, or B)	Drop down
Collection Point Type	The type of point water sampling collection that takes place	Text
Collection Point ID	Identifier for this collection point	Text
Collection Date	Date sample was collected	Date
Irrigation Method	Indicate the irrigation method used for the sample being tested	Drop down
Lab Name	Name of the testing laboratory	Text
Lab ID Code	Unique ID that identifies lab	Text
Lab Report Num	Laboratory-issued number assigned to report of results	Text
Lab Report Date	Date the lab report was generated	Date
Lab Sample ID	Identifier assigned to the sample by the laboratory	Text
E coli Result	The numerical E coli result reported by the lab	Number
E coli Qualifier	Often reported with the numerical result, use this field to report "greater than" (>) or "less than" (<) result qualifiers (if applicable)	Drop down
E coli Units	Reporting units (cfu or MPN)	Drop down
E coli Method	AOAC method used for E coli analysis	Text
Total Coliforms Result	The numerical Total Coliforms result reported by the lab	Number
Total Coliforms Qualifier	Often reported with the numerical result, use this field to report "greater than" (>) or "less than" (<) result qualifiers (if applicable)	Drop down
Total Coliforms Units	Reporting units (cfu or MPN)	Drop down
Total Coliforms Method	Optional; AOAC method used for Total Coliforms analysis	text
Lab City	Optional; postal city of analyzing laboratory	text

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3. Planting & Harvesting

Each record represents a single unique combination of grower, crop, block, lot number, and planting date and should be filled out by the planting personnel.

Field Name	Description	Data Type
Supplier	Entity receiving the harvested crop; may or may not be the same as the Grower	Text
Grower	Grows produce on a ranch or farm. This is auto populated from the first tab	Text
Ranch	A physical agricultural site owned or leased by a grower, contiguous or non-contiguous. This is auto populated from the first tab	Text
Block	Fixed feature of how the ranch is divided (primary farm division). This is auto populated from the first tab	Text
Lot	A sub-division of the block from where the crop is harvested in a specific time frame. May include the grower name/ ranch or farm name/block ID	Text
Tracing Number	Optional; Identifier assigned by the Grower to track the sample after it	Alpha-numeric
Commodity (main)	Main or broader categorization of commodity	Drop down
Commodity (type)	Select sub-category of crop	Drop down
Variety	Select variety (if applicable)	Text
Growing Style	Indicate organic or conventional	Drop down
Acres Planted	Number of acres planted	Number
Estimated Harvest Date	Date of anticipated harvest date at the time of planting	Date
Actual Harvest Date	Date the crop was harvested	Date
Acres Harvested	Number of acres harvested	Date
Acres Lost	Number of acres not harvested	Number
Reason for not harvesting	If the crop was not harvested, select reason for not harvesting	Drop Down
Evaluator	Optional; personnel name associated with the recording of planting/ harvesting info	Text

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4. Tissue Sampling & Testing Results

Field Name	Description	Data Type
Tests Ordered By	Indicate whether the test is ordered by a grower/ranch operator, processor or supplier	Drop down
Grower	Grows produce on a ranch or farm. This is auto populated from the first tab	Text
Ranch	A physical agricultural site owned or leased by a grower, contiguous or non-contiguous. This is auto populated from the first tab	Text
Block	Fixed feature of how the ranch is divided (primary farm division). This is auto populated from the first tab	Text
Lot	A sub-division of the block from where the crop is harvested in a specific time frame. May include the grower name/ ranch or farm name/block ID.	Alpha-numeric
Commodity (main)	The main or broader categorization of commodity	Text
Commodity (type)	The sub-category of crop	Text
Actual Harvest Date	Date the crop was harvested	Date
Organic	Organic or conventional	Drop down
Work Order Number	Lab-issued identifier assigned to the group of sampled received by the laboratory (issued at arrival)	Text
Sampled By	Person who collected the sample; suggested format is initial of first name, space and last name (e.g., J Doe)	Text
Collection Date	Date the sample was collected	Date
Collection Time	Optional; time the sample was collected	Date
Lab Name	Name of the testing laboratory	Text
Lab ID Code	Unique ID that identifies lab	Alpha-numeric
Lab Report Number	Laboratory-issued number assigned to report of results	Text
Lab Report Date	Date the lab report was generated	Date
Lab Sample ID	Identifier assigned to the sample by the laboratory	Text
EHEC Result	Indicate the presence of generic EHEC detected with positive or absence with negative	Boolean
EHEC Method	Method used test the sample for EHEC	text
O157 Result	Indicate the presence of E coli O157 detected with positive or absence with negative	Boolean

Field Name	Description	Data Type
O157 Method	Method used to test the sample for E coli O157	Text
Salmonella Result	Indicate the presence of Salmonella detected with positive or absence with negative	Boolean
Salmonella Method	Method used to test the sample for Salmonella	Text
Comments	Optional; any other details related to this tested tissue sample	Text
Lab City	Optional; postal city of analyzing laboratory	Text
Lab State	Optional; postal state of analyzing laboratory	Text

6. Pre-Harvest Field Inspections

Field Name	Description	Data Type
Inspection By	Indicate which type of entity performed the inspection	Drop down
Grower	Grows produce on a ranch or farm. This is auto populated from the first tab	Text
Ranch	A physical agricultural site owned or leased by a grower, contiguous or non-contiguous. This is auto populated from the first tab	Text
Block	Fixed feature of how the ranch is divided (primary farm division). This is auto-populated from the first tab	Text
Date Inspected	Date of inspection	Date
Lot Inspected	Lots covered by this inspection. (For multiple lots, create a separate record for each lot)	Text
Observation Type	Observation being noted for this inspection (or 'no observation' if applicable)	Drop down
Cause of Observation	Cause attributed to the observation	Drop down
Issue Noted	The type of evidence of intrusion or disturbance to the crop	Drop down
Corrective Action	The type of corrective action taken for this issue	Drop down
Buffer Size	Numerical buffer size indicator	Number
Buffer Units	Units of buffer size	Drop down

Avoiding Duplicate Data

Duplicate data checks are multilevel.

1. The file name is checked when files are uploaded (data exports from IT systems). Every file name must be unique to prevent two or more personnel from the same organisation uploading the same file.

2. Records from a dataset will be de-duplicated based on few key columns, such as grower, ranch, collection date, commodity, block, lot, etc.

3. Records used to calculate aggregated values will also be de-duplicated through the aggregate dashboard. This is to prevent same testing information supplied by a handler and a grower.

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