



Data Import

2025-05-11

Pure Harvest can import an uploaded data file (must be a **.csv** spreadsheet) and use it to create a temporary table. (program file name: upload_data_file.php)

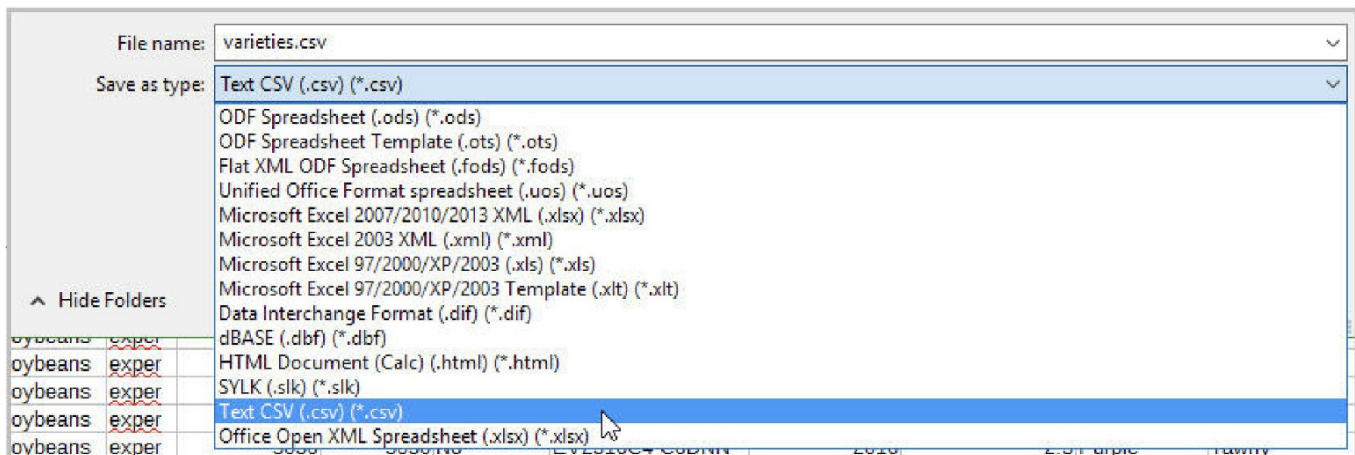
The purpose of this is to allow users to quickly load large data-sets into Pure Harvest without having to manually add each row.

Creating the Data File

The name of the spreadsheet file should not contain any spaces, commas or special characters.

In spreadsheets, the value displayed in a formatted column may not be the actual value in the column. For instance, column formatted to show 2 decimals in excel may display “2.00” but the actual value of the column would just be “2” which means when the file is loaded the decimals would not be included. To avoid this, make sure that all columns are formatted as text, not as numbers or dates or any other type of column.

To save the spreadsheet as a CSV file, there is an option when you choose “Save as” to set the file type to csv.



Column Headers

Upload Actions

[\[Help\]](#)

[Load Another]	Restart the data file upload form.
[Choose Table to Validate]	Validate previously uploaded file data.

Upload Data File

Examples of column names can be seen here: [\[Column Header Examples\]](#)

We've added a link to a spreadsheet with column header examples from other uploads. Click on [Column Header Examples].

In order for the file to be uploaded correctly, each column must have a column header. Sometimes because of the way Excel works a column which appears to be empty may have a space in it. If there is any row/column with no header and with a space in one of the cells, PH will throw an error.

Do not use any special characters in column headings such as ?, #, !, &, or \$. The system cannot use those characters when creating a temporary table.

Uploading a File

From the Workflow → Data Import page:

1. Enter the Table Tag. Use the same table tag to replace a previous upload. The tag should be short and be made up only of letters and numbers. Enter a short tag that is meaningful to you.
2. Select the type of data file you are uploading.
3. Click the "Choose File" button.

Upload Data File

Examples of column names can be seen here: [\[Column Header Examples\]](#)

Data files must be of type ".csv". The csv file is loaded into a temporary table, that is validated without affecting live data. Before you can upload the table you must assign a table tag and choose a data file type. Use the same table tag to replace a previous upload. The tag should be short and be made up only of letters and numbers. Then press submit.

Table Tag
File Type

File:

Choose File

No file chosen

Submit

After choosing the file to import, click the "Submit" button, PH will then use the upload csv file to create a temporary table. PH will then immediately validate the file.

Choose File

No file chosen

Submit

Evaluating the import

The upload script modifies the names of the columns in the temporary table to match the columns in Pure Harvest. Rows in the uploaded file will be evaluated for errors row by row and the result of the evaluation will be written in a column called `ph_evaluation`. You can download a csv of the evaluated data using [Export to CSV] and use that to find corrections you need to make to your original csv file. You can do this process of uploading and evaluating as many times as you need to.

If you move on to the import step, all the rows that did not pass will be skipped.

Once the evaluation is run, you will see your import table name at the top. You should copy this for support help or you would select it if you select [Choose Table to Validate].

Upload Actions

[\[Help\]](#)

Current import table: **imp_example1_tmp_fields_250510211233** (Copy down this table name for support)

Status of this import table:

- Your data has 188 rejected rows and 0 valid rows.
- Next, you should click [Export to CSV] and view the downloaded file in a spreadsheet. A new column named `ph_evaluation` will show the errors for each row.
- Then use the information in the downloaded spreadsheet to fix your original file.
- Then click [Load Another] to load the fixed file, using the same table tag.

[Load Another]	Restart the data file upload form.
[Validate]	Validate this table: imp_example1_tmp_fields_250510211233
[Export to CSV]	Download your data file with PH Evaluation results.
[Import]	Import after validation passes for table: imp_example1_tmp_fields_250510211233
[Choose Table to Validate]	Validate previously uploaded file data.

There is also a “Status of this import table” section that gives you a summary of the evaluation, along with suggestions on next steps you can take.

Accepting the imported fields

Fields in the upload file will be assigned to a PH field application that will be created automatically. You can create the `app_id` in advance and put the `app_id` in the spreadsheet if you wish.

Use [Export to CSV] to download of your evaluated data file.

Field Data

All crops & varieties must already exist in your database.

Required Columns

These columns are currently required for a successful import:

`by_producer_assoc_id`, `app_id`, `field_number`, `seed_class`, `county`, `state`,
`acres_applied_for`, `crop_name`, `variety_name`, `date_planted`, `gps_location`

field_zone,producer_field_name,insp_code,
inspections_needed,previous_usage,crop_year,grower_name,
by_grower_assoc_id,identity,shared_with

We automatically change some column names to match the Pure Harvest tables:

Column name provided	Automatically changed to PH column name
crop	crop_name
crop_produced	is_crop_produced
field_name	producer_field_name
grower	grower_name
applicant	producer
submittor	producer_name
variety	variety_name
plant_date	date_planted
assoc_id	by_producer_assoc_id
grower_id	by_grower_assoc_id
acres_applied	acres_applied_for
gps_coordinates	gps_location

Extra Columns

Additional columns may be included, but are not required to load the field data Just a few of the additional columns are listed below.

- date_planted
- grower_name
- remark
- insp_code (meaning Inspection Plan Code)
- inspections_needed
- do_send_receipt

If you choose to include the insp_code, the Inspection plan for that code must already exist.

Variety Data

Only new varieties can be uploaded. If any variety or synonym already exists in the system, it will be skipped by the import.

A variety csv file must have the following columns:

- crop_name
- variety
- synonym

Additional columns can be included, but are not required to load the field data. Just a few of the additional columns are listed below, contact support for a full list.

- owner_id
- originator_id
- is_inactive
- year_available
- description
- additional_notes
- print_name
- print_description
- print_producer
- print_acres
- is_title_v
- protection_status
- pvp_94_status

If you track Varieties by program or class, you can include the columns:

- seed_class
- program

If you track variety characteristics in Pure Harvest, you can include one column for each characteristic name. The column names MUST match the names of the characteristics you have defined in Pure Harvest. One column per characteristic.

Once you have uploaded your data file, contact support to have the data transferred from the temporary table to the actual varieties table(s).

Upon Successful Import

You will see feedback like this if your upload was successful.

```
SUMMARY  REMARKS
```

```
Table contains 55 rows and 55 valid rows were found.
insert into fields    okay: Inserted 55 of 55
```

After the import you can check the applications using the field applications screen

You can query by application date or by a substring match on the “remark” which is set by the import. This screen shows fields that were approved. When it’s first loaded the passed and rejected will be empty.

Search

Submit

[\[expand all\]](#) [\[collapse all\]](#)

▼ Admin

[Application Users](#)

[Define Remarks](#)

[Domain Values](#)

[PH Tickets](#)

[System Variables](#)

▼ Associates

[Assoc Groups](#)

[Assoc Search](#)

[Edit Assoc](#)

[New Assoc](#)

▼ Billing

[Aging](#)

[Associate Accts](#)

[Billing Exports](#)

[Billing Periods](#)

[Define Fees](#)

[-] Field Application Search

App ID

Associate

Remark

(use % symbol for wildcards)

App Date Since

Apply Filter

Clear Filter

New Field Application

Field Applications

[\[Help\]](#)

Last Refreshed @ 2024-08-02 12:55:37

(Showing max of 1000 records)

Associate	App ID	Date	Remark		Fields	Acres			
Click an App ID to view/edit that application and fields.						Applied	Passed	Rejected	Cancelled
C & W Potato Inc. (4234)	69018	08/01/24	phup24jul24	[X]	1	18	18	0	0
O'Neal Farms JV (2871)	69017	08/01/24	phup24jul24	[X]	2	702	702	0	0
CT Myers (3632)	69016	08/01/24	phup24jul24	[X]	1	193			
Adam Jensen (3242)	69015	08/01/24	phup24jul24	[X]	7	367	158	63	0
Sieverkropp's 'N Kritters, Inc. (4228)	69014	08/01/24	phup24jul24	[X]	2	239.3			

Footnote

A nasty invisible character ("<feff>") may be introduced to the csv by Excel. You can burn up a lot of time trying to figure out why your spreadsheet won't load if this char is in the file.

<https://www.freecodecamp.org/news/a-quick-tale-about-feff-the-invisible-character-cd25cd4630e7/>

For examples of these import types see **DataImportExamples.xls**

MCIA fields import 23-08-03

- date_received
- ph_app_id
- by_producer_assoc_id
- producer_name
- grower_name
- field_number
- acres_applied_for
- variety_name
- crop_name
- date_planted
- previous_usage
- county

- state
- crop_year
- seed_class
- identity
- inspections_needed

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- ph_app_id
- assoc_id
- field_number
- crop_year
- identity
- county
- state
- variety_name
- crop_name
- seed_class
- acres_applied
- date_planted
- gps_coordinates
- field_zone
- grower
- previous_usage
- field_name
- inspections_needed
- producer_name
- insp_code
- grower_id
- shared_with

WSCIA These are the columns in the July 2024 upload

- grower_name
- by_producer_assoc_id
- by_grower_assoc_id
- wsciaapp_id
- ph_app_id (blank)
- field_number
- inspections_needed
- state
- county
- crop_name
- variety_name
- crop_year

- seed_class
- dentity
- remark
- is_irrigated
- acres_applied_for
- shared_with
- date_planted (blank)

MCIA Variety file upload format from their internal template

- crop_name
- crop_variety
- originated_by_assoc_id
- originated_by_dsp
- synonym
- owned_by_assoc_id
- assoc_dsp
- description
- variety_type
- year_released
- year_available
- do_print_name
- do_print_description
- do_print_producer
- do_print_acres
- pv_number
- protection_status
- pvp_94_status
- is_title_V
- field_variant_notes
- seed_variant_notes
- additional_notes
- program
- seed_class
- flower_color
- hilum_color
- pod_color
- pubescence_color
- relative_maturity