

# Instructions for Populating the PDP 2020 Database

## Microsoft Access Database included for easy Import of PDP Data:

A template database in MS-Access format (PDP2020.mdb) has been included in the ZIP file for the 2020 PDP data. This database has tables already created in the correct format, has a macro to automatically import the PDP data, and has reference tables for the standardized codes already populated.

## Instructions:

1) If you have MS-Access (version 2000 or newer) on your computer, you can import the data files into ready-made tables in the MS-Access database file as follows:

- a) Create a new folder named **C:\PDPdata**.
- b) Move the **Pdp20Samples.txt** and **Pdp20Results.txt** data text files and the **PDP2020.mdb** (MS-Access) database file into the new C:\PDPdata folder.
- c) Open the **PDP2020.mdb** database file.
- d) Click on the (Macros) tab and then run the **ImportData** macro to automatically import the Sample Identity Information and Analytical Results data from the 2 .txt files into the 20SampleData and 20ResultsData tables in the database. The import will take several minutes to complete.

NOTE: The .mdb file and the 2 .txt files MUST be stored in the C:\PDPdata folder for the import to work. The MS-Access database already has the 17 reference tables pre-populated with standardized codes found in the 2 data tables and 1 reference table pre-populated with EPA tolerance values (or maximum residue limits) established for each of the reported pesticide/commodity pairs.

2) If you do NOT have MS-Access 2000 or higher, do the following steps to import the PDP 2020 data into your own database system:

- a) Print the **PDP DataDictionary 2020.pdf** (Adobe PDF) file to see the file structures.
- b) Create two tables that match the provided file structures using your own database software. Import the 2 pipe-delimited (|) .txt files.
- c) Print the **PDP ReferenceTables 2020.pdf** (Adobe PDF) file to see the 18 standardized code reference tables. You may want to create database tables for these and either import or copy/paste the code and description columns from the sheets in the **PDP ReferenceTables 2020.xls** (MS-Excel) workbook file into look-up tables that can be linked to the 2 data tables.

## File descriptions (files extracted from the 2020PDPDatabase.ZIP file):

- **Pdp20Samples.txt** - Pipe-delimited text data file that holds 9,600 Sample Information records for PDP samples in the 2020 survey.

- **Pdp20Results.txt** - Pipe-delimited text data file that holds 2,600,379 Analytical Results records (residue findings including positive detections and non-detects).
- **PDP2020.mdb** – MS-Access database file that holds empty tables ready for import of the PDP 2020 sample and results data from the 2 .txt files as well as all 18 reference (code look-up) tables pre-populated.
- **PDP DataDictionary 2020.pdf** – Adobe PDF file that provides the file/table structures for the Pdp20Samples.txt and Pdp20Results.txt data text files and the 20SampleData and ResultsData tables in the PDP2020.MDB database.
- **PDP ReferenceTables 2020.pdf** – Adobe PDF file that shows the 18 reference tables that define the standardized codes found in the sample and results data.
- **PDP ReferenceTables 2020.xls** – MS-Excel workbook holding 17 separate worksheets for the standardized codes/definitions and 1 worksheet for reported EPA tolerances. Tabs at the bottom of the Excel window are used to navigate to the 18 separate worksheets.