Data Dictionary for Two Data Tables/Files for 2022 PDP Database

Table in Database: 22SampleData   Text Data File: Pdp22Samples.txt
Contains 10,665 Sample Identity Information records

Column	Type (Length)	Description
SAMPLE_PK	Num (Integer)	Primary key (incremental number) to identify each sample and provide link to Results table
STATE	Text (2)	State code for where sample was collected (valid State postal codes); See * note for grains
YEAR	Text (2)	Year (last 2 digits only) when sample was collected (22 for 2022)
MONTH	Text (2)	Month when sample was collected (01 - 12)
DAY	Text (2)	Day when sample was collected (01 - 31)
SITE	Text (4)	Site code for location where sample was collected (0001-9999); See * note for grains
COMMOD	Text (2)	Commodity Code (2-letters) for product collected (valid PDP Commodity Codes)
SOURCE_ID	Text (1)	Code (A thru Z) to make Sample ID unique. P=Proxy site. Blank space by default.
VARIETY	**Text (60)**	Variety/class of commodity (free form). Column width increased from 20 to 60 this year.
ORIGIN	Text (2)	Code indicating sample origin (1=U.S., 2=import, 3=unknown)
COUNTRY	Text (3)	Code for country of origin - imports only (valid PDP Country Codes)
DISTTYPE	Text (1)	Code for type of collection/distribution facility (valid PDP Distrib. Facility Type Codes)
COMMTYPE	Text (2)	Code for commodity type (FR=Fresh, etc.) (valid PDP Commodity Type Codes)
CLAIM	Text (2)	Code for claim made on product (valid PDP Commodity Claim Codes)
QUANTITY	Num (Integer)	Number of individual units in sample for select non-clustered products
GROWST	Text (2)	State postal code for location of sample grower (valid State postal codes)
PACKST	Text (2)	State postal code for location of sample packer (valid State postal codes)
DISTST	Text (2)	State postal code for location of sample distributor (valid State postal codes)

* Corn grain samples show MO (Missouri) in the STATE code column and a sequential number in the SITE code column.
  The corn grain samples were collected from grain carriers (barges, rail cars, trucks) in 13 different States.

Table in Database: 22ResultsData   Text Data File: Pdp22Results.txt
Contains 2,890,842 Analytical Result (residue finding) records

Column	Type (Length)	Description
SAMPLE_PK	Num (Integer)	Foreign key (number) to identify each sample and provide link to Sample table
COMMOD	Text (2)	Commodity Code (2-letters) for product collected (valid PDP Commodity Codes)
COMMTYPE	Text (2)	Code for commodity type (FR=Fresh, etc.) (valid PDP Commodity Type Codes)
LAB	Text (3)	Code for analyzing laboratory (valid PDP Laboratory Codes)
PESTCODE	Text (3)	FDA/AMS pesticide (compound) code (valid PDP Pesticide Codes).
TESTCLASS	Text (1)	Code for Test Class of Compound (E=Carbamates, etc.) (valid PDP Test Class Codes)
CONCEN	Num (Double)	Concentration of residue detected. Null in file, Null or Zero (0) in database for non-detect.
LOD	Num (Double)	Limit of Detection for pesticide/commodity pair (0.0001 - 99999.9999)
CONUNIT	Text (1)	Concentration/LOD unit of measure (M=ppm, B=ppb, T=ppt)
CONFMETHOD	Text (2)	Code for primary Confirmation method (valid PDP Confirmation Codes)
CONFMETHOD2	Text (2)	Code for secondary Confirmation method (valid PDP Confirmation Codes)
ANNOTATE	Text (2)	Code for Annotated Information about positive residue (valid PDP Annotation Codes)
QUANTITATE	Text (2)	Code for Quantitative method (valid PDP Quantitation Codes)
MEAN	Text (2)	Code for Mean Result finding (N=non-detect, etc.) (valid PDP Mean Result Codes)
EXTRACT	Text (3)	Code for Extraction method (valid PDP Extraction Codes); See ** note for P90 (past 90 days)
DETERMIN	Text (2)	Code for Determinative method (valid PDP Determinative Codes)

** Resuts show P90 in the EXTRACT column for samples held by the lab for more than 90 days before analysis was started.
   The VARIETY column entry for the associated Sample record shows the number of days the sample was held before analysis.

Note: The two data tables can be linked on the SAMPLE_PK key column. The Samples table will have 1 unique
    SAMPLE_PK value for each Sample record. The Results table will have 1-to-many occurrences of each
    SAMPLE_PK value (multiple residue results reported for each Sample).

Table in Database: ToleranceRef

Contains 6,757 EPA Tolerance levels for reported pesticide/commodity pairs

Column	Type (Length)	Description
PESTCODE	Text (3)	FDA/AMS pesticide (compound) code (valid PDP Pesticide Codes).
COMMOD	Text (2)	Commodity Code (2-letters) for product collected (valid PDP Commodity Codes)
EPATOL	Char(10)	EPA Tolerance Level as numeric value or NT=No Tolerance, EX=Exempt, SU=Surface Use
TOLUNIT	Char(1)	Tolerance value unit of measure (M=ppm, B=ppb)
NOTE	Text (2)	Note about Tolerance (AL=Action Level, etc.)
COMMENT	Char(30)	Comment about tolerance value

Note: Each analytical result in the Results table will have an associated EPA Tolerance value.
        The tolerances link to the results thru the combined PESTCODE and COMMOD values.