FORMAT/DESCRIPTIONS OF PRODUCT TABLES

The Product Database resides on an Oracle server located at the Department of Pesticide Regulation. The files located at this FTP site are extracts of the Oracle data, and are presented in ASCII fixed format to enable interested parties to access them using a variety of database and spreadsheet software. In addition, users may download directly via their web browser, FTP software, or set up batch jobs to automate retrieval of the files.

These files are being made available to the public to enable interested parties to download all or any part of the pesticide product information, and develop their own uses, customized queries, or reports. Organizations often request that the DPR provide copies of these files in slightly different formats, requiring DPR staff to perform time-consuming special retrievals. By presenting these files in a standard format, DPR is providing the same information in the same format to all interested parties.

Data Modification (10/5/2006) - "As a service to registrants, the Department of Pesticide Regulation (DPR) evaluates and registers "Master Labels." A Master Label is a pesticide product label that has been approved by the U.S. Environmental Protection Agency and DPR. However, the company does not intend to market the label for sale and use in California. Pesticide products with Master Labels, which are identified in DPR's database by the phrase "Master Label" placed in front of the product brand name and the alpha code "ML," while registered with DPR, may not be sold or used in California."

Using the ERD – the simple entity relationship document PDF has one table that does not accurately match the table layouts. The tables and names are correct, but the product table fields were re-arranged to enable linking to related entities. Use the ERD when looking at the following formats and data relationship descriptions.

The following document contains file structures, arranged initially by importance, then lookup tables by file name. Note that each data element is described in the data dictionary immediately following the File Structures Section.
****
File Name: product.dat

Description: This file contains the basic information for each CA registration number such as the product name, registration status (active/canceled), formulation, approval/inactivation dates, registration type, density/specific gravity (useful for conversions to dry weight), etc. Note: PRODNO is the unique identifier that ties basic product information to the other tables whose names begin with "prod_". Field var2_sw has no known uses.

File Structure:

Field Name	Type	Width	Dec	Start	End
=============	============	=====	=====	=====	===
PRODNO	NUMBER	7		1	7
MFG_FIRMNO	NUMBER	7		8	14
REG_FIRMNO	NUMBER	7		15	21
LABEL_SEQ_NO	NUMBER	5		22	26
REVISION_NO	CHAR	2		27	28
FUT_FIRMNO	NUMBER	7		29	35
PRODSTAT_IND	CHAR	1		36	36
PRODUCT_NAME	VARCHAR2	100		37	136
SHOW_REGNO	VARCHAR2	24		137	160
AER_GRND_IND	CHAR	1		161	161

Field Name	Type	Width	Dec	Start	End
AGRICCOM_SW	CHAR	1		162	162
CONFID_SW	CHAR	1		163	163
DENSITY	NUMBER	7	3	164	170
FORMULA_CD	CHAR	2		171	172
FULL_EXP_DT	DATE	11		173	183
FULL_ISS_DT	DATE	11		184	194
FUMIGANT_SW	CHAR	1		195	195
GEN_PEST_IND	CHAR	1		196	196
LASTUP_DT	DATE	11		197	207
MFG_REF_SW	CHAR	1		208	208
PROD_INAC_DT	DATE	11		209	219
REG_DT	DATE	11		220	230
REG_TYPE_IND	CHAR	1		231	231
RODENT_SW	CHAR	1		232	232
SIGNLWRD_IND	NUMBER	1		233	233
SOILAPPL_SW	CHAR	1		234	234
SPECGRAV_SW	CHAR	1		235	235
SPEC_GRAVITY	NUMBER	8	4	236	243
CONDREG_SW	CHAR	1		244	244
VAR2_SW	CHAR	1		245	245

****

File Name: prod_site.dat

Description: This table provides information on the product/approved sites relationship. Important fields are the SITE_CODE, SPECUSE_IND, SPECUSE_NO (SLN, Sec. 18) and the post harvest and re-entry intervals for each site.

File Structure:

Field Name	Type	Width	Dec	Start	End
PRODNO	NUMBER	7		1	7
SITE_CODE	NUMBER	6		8	13
QUALIFY_CD	NUMBER	3		14	16
SPECUSE_IND	CHAR	2		17	18
SPECUSE_NO	CHAR	6		19	24
HOMEGRDN_IND	CHAR	1		25	25
PH_INTERVAL	NUMBER	3		26	28
PH_MSMT_IND	CHAR	1		29	29
RE_INTERVAL	NUMBER	3		30	32
RE_MSMT_IND	CHAR	1		33	33
SEEDCROP_IND	CHAR	1		34	34
SITESTAT_IND	CHAR	1		35	35
SITE_INAC_DT	DATE	11		36	46
USE_EXP_DT	DATE	11		47	57
USE_ISS_DT	DATE	11		58	68

****

File Name: prod_chem.dat

Description: Contains the PRODNO (unique product identifier), CHEMCODE (chemical code), and percentages of each active ingredient that is contained in the product. CHEMSTAT_SW is not significant.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	======	=======	=====	=======	=====
PRODNO	NUMBER	7		1	7
CHEM_CODE	NUMBER	5		8	12
CHEMSTAT_SW	CHAR	1		13	13
PRODCHEM_PCT	NUMBER	9	5	14	22

****
File Name: chem_com.dat

Description: This simple chemical vocabulary file contains a list of common chemical names along with their associated DPR CHEMCODE. The key field join is CHEMCODE to CHEMCODE in the above prod_chem table.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	======	=======	=====	=======	=====
CHEMCODE	NUMBER	5		1	5
COMNAME	VARCHAR2	500		6	505

****
File Name: compinfo.dat

Description: This registrant name and address file contains basic name and address information for all companies which have been assigned an EPA company number or assigned a company number for California Only registrations. (NOTE: This file contains information on many companies who may have submitted but not successfully procured a product registration in California.). The key field is FIRMNO that joins to MFG_FIRMNO and REG_FIRMNO in the product table. Tip: the FIRM_NAME2 field often contains address or attention information that is critical to successful delivery.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	======	=======	=====	=======	=====
FIRMNO	NUMBER	7		1	7
FIRM_NAME	VARCHAR2	100		8	107
FIRM_NAME2	VARCHAR2	100		108	207
ADDRESS	VARCHAR2	50		208	257
CITY	VARCHAR2	20		258	277
STATE	CHAR	2		278	279
ZIP9	VARCHAR2	10		280	289
STATFLG	CHAR	1		290	290
ALPHASORT	NUMBER	6		291	296
CHGDATE	DATE	11		297	307

****
File Name: prod_special_status.dat

Description: This table contains product information regarding restricted use, California restricted use, conditional registrations and conditional dates. Supporting tables are product and special_status.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	======	=======	=====	=======	=====
PRODNO	NUMBER	7		1	7
SPECSTAT_CD	CHAR	2		8	9
SPECSTAT_DT	DATE	11		10	20

****
File Name: prod_type_pesticide.dat

Description: This table creates the association between product and pesticide type(s) (i.e. insecticide, herbicide, etc.). The type_pesticide table provides the type descriptors.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	======	=======	=====	=======	=====
PRODNO	NUMBER	7		1	7
TYPEPEST_CD	CHAR	2		8	9

****
File Name: prod_appl_method.dat

Description: This table creates the association between product and pesticide application methods (s) (i.e. spray, dust, broadcast, etc.). The appl_method table provides the type descriptors.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	======	=======	=====	=======	=====
PRODNO	NUMBER	7		1	7
APPLMETH_CD	CHAR	2		8	9

****
File Name: prod_env_hazard.dat

Description: This table creates the association between product and potential environmental hazard(s) (i.e. bees, groundwater, birds, etc.) The env_hazard table provides the type descriptors.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	======	=======	=====	=======	=====
PRODNO	NUMBER	7		1	7
ENVHZRD_CD	CHAR	2		8	9

****
File Name: prod_target_pest.dat

Description: This table creates the association between product and target pest(s)
(i.e. grasses, rodents, broadleaf weeds, etc.). The target_pest table provides the type descriptors.

File Structure:

Field Name	Type	Width	Dec	Start	End
====================	=====================	=====	=====	=====	===
PRODNO	NUMBER	7		1	7
TARGPEST_CD	CHAR	2		8	9

****

File Name: prod_special_inst.dat

Description: This table creates the association between product and special instruction statements that might appear on the product label (i.e. furrow, post-harvest, drip, etc.). The special_inst table provides the type descriptors.

File Structure:

Field Name	Type	Width	Dec	Start	End
====================	=====================	=====	=====	=====	===
PRODNO	NUMBER	7		1	7
SPECINST_CD	CHAR	2		8	9

****

File Name: prod_health_hazard.dat

Description: This table creates the association between product and potential health hazard(s)
(i.e. inhalation, oral, corrosive, caused eye damage, etc.) The health_hazard table provides the type descriptors.

File Structure:

Field Name	Type	Width	Dec	Start	End
====================	=====================	=====	=====	=====	===
PRODNO	NUMBER	7		1	7
HLHZRD_CD	CHAR	2		8	9

****

File Name: special_status.dat

Description: Lookup table supporting prod_special_status

File Structure:

Field Name	Type	Width	Dec	Start	End
====================	=====================	=====	=====	=====	===
SPECSTAT_CD	CHAR	2		1	2
SPECSTAT_DSC	VARCHAR2	50		3	52

****

File Name: appl_method.dat

Description: Lookup table supporting prod_appl_method

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
APPLMETH_CD	CHAR	2		1	2
APPLMETH _DSC	VARCHAR2	50		3	52

****

File Name: env_hazard.dat

Description: Lookup table supporting prod_env_hazard

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
ENVHZRD _CD	CHAR	2		1	2
ENVHZRD _DSC	VARCHAR2	50		3	52

****

File Name: target_pest.dat

Description: Lookup table provides descriptions of the pest groupings associated with products in the prod_target_pest table.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
TARGPEST _CD	CHAR	2		1	2
TARGPEST _DSC	VARCHAR2	50		3	52

****

File Name: type_pesticide.dat

Description: Lookup table provides descriptions of the pesticide types associated with products in the prod_type_pesticide table.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
TYPEPEST _CD	CHAR	2		1	2
TYPEPEST_CAT	VARCHAR2	50		3	52

****

File Name: special_inst.dat

Description: Lookup table supporting prod_special_inst.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
SPECINST _CD	CHAR	2		1	2

Field Name	Type	Width	Dec	Start	End
SPECINST _DSC	VARCHAR2	50		3	52

```
*********************************************************************
```

File Name: health_hazard.dat

Description: Lookup table supporting prod_health_hazard.

File Structure:

Field Name	Type	Width	Dec	Start	End
=============	============	=====	=====	=====	===
HLHZRD _CD	CHAR	2		1	2
HLHZRD _DSC	VARCHAR2	50		3	52

```
*********************************************************************
```

File Name: aer_ground.dat
Description: Lookup table supporting product table variable aer_grnd_ind.

File Structure:

Field Name	Type	Width	Dec	Start	End
=============	============	=====	=====	=====	===
AER_GRND _IND	CHAR	1		1	1
AER_GRND _DSC	VARCHAR2	50		2	51

```
*********************************************************************
```

File Name: ag_commissioner.dat

Description: Lookup table supporting product table variable agriccom_sw.

File Structure:

Field Name	Type	Width	Dec	Start	End
=============	============	=====	=====	=====	===
AGRICCOM_SW	CHAR	1		1	1
AGRICCOM _DSC	VARCHAR2	50		2	51

```
*********************************************************************
```

File Name: formulation.dat

Description: Lookup table supporting product table variable formula_cd.

File Structure:

Field Name	Type	Width	Dec	Start	End
=============	============	=====	=====	=====	===
FORMULA _CD	CHAR	2		1	2
FORMULA _DSC	VARCHAR2	50		3	52
DRYLIQUID_SW	CHAR	1		53	53

```
*********************************************************************
```

File Name: general_pest.dat

Description: Lookup table supporting product table variable gen_pest_ind.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
GEN_PEST_IND	CHAR	1		1	1
GEN_PEST_DSC	VARCHAR2	50		2	51

****
File Name: product_status.dat

Description: Lookup table supporting product table variable prodstat_ind.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
PRODSTAT _IND	CHAR	1		1	1
PRODSTAT _DSC	VARCHAR2	50		2	51

****
File Name: registration_type.dat

Description: Lookup table supporting product table variable reg_type_ind.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
REG_TYPE _IND	CHAR	1		1	1
REG_TYPE _DSC	VARCHAR2	50		2	51

****
File Name: soil_applied.dat

Description: Lookup table supporting product table variable soilappl_sw.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
SOILAPPL_SW	CHAR	1		1	1
SOILAPPL _DSC	VARCHAR2	50		2	51

****
File Name: signal_word.dat

Description: Lookup table supporting product table variable signlwrd_ind.

File Structure:

Field Name	Type	Width	Dec	Start	End
============	============	=====	=====	=====	===
SIGNLWRD _IND	CHAR	1		1	1
SIGNLWRD _DSC	VARCHAR2	50		2	51

```
***********************************************************************
File Name: specific_gravity.dat

Description: Lookup table supporting product table variable specgrav_sw.

File Structure:
Field Name          Type          Width   Dec     Start   End
=============       ============   =====   =====   =====   ===
SPECGRAV_SW         CHAR           1               1       1
SPECGRAV _DSC       VARCHAR2       50              2       51


***********************************************************************
File Name: site.dat

Description: Lookup table supporting prod_site table variable site_code.  This table has a number of variables
that are not actively supported, i.e. fda_code, prefsite_sw, site_grp_cat (can be used), site_sub_grp.

File Structure:
Field Name          Type          Width   Dec     Start   End
=============       ============   =====   =====   =====   ===
SITE_CODE           NUMBER         7               1       7
FDA_CODE            CHAR           5               8       12
PREFSITE_SW         NUMBER         1               13      13
SITEUP_DT           DATE           11              14      24
SITE_GRP_CAT        NUMBER         3               25      27
SITE_NAME           VARCHAR2       50              28      77
SITE_SUB_GRP        NUMBER         3               78      80
USED_SW             NUMBER         1               81      81


***********************************************************************
File Name: qualify.dat

Description: Lookup table supporting prod_site table variable qualify_cd.

File Structure:
Field Name          Type          Width   Dec     Start   End
=============       ============   =====   =====   =====   ===
QUALIFY_CD          NUMBER         3               1       3
QUALIFY_DSC         VARCHAR2       50              4       53


***********************************************************************
File Name: special_use.dat

Description: Lookup table supporting prod_site table variable specuse_ind.

File Structure:
Field Name          Type          Width   Dec     Start   End
=============       ============   =====   =====   =====   ===
SPECUSE_IND         CHAR           2               1       2
```

SPECUSE_DSC	CHAR	50		3	52

```
*********************************************************************
```
File Name: preharvest_interval.dat

Description: Lookup table supporting prod_site table variable ph_msmt_ind.
File Structure:

Field Name	Type	Width	Dec	Start	End
PH_MSMT_IND	CHAR	1		1	1
PH_MSMT_DSC	VARCHAR2	50		2	51

```
*********************************************************************
```
File Name: reentry_interval.dat

Description: Lookup table supporting prod_site table variable re_msmt_ind.

File Structure:

Field Name	Type	Width	Dec	Start	End
RE_MSMT _IND	CHAR	1		1	1
RE_MSMT _DSC	VARCHAR2	50		2	51

```
*********************************************************************
```
File Name: site_status.dat

Description: Lookup table supporting prod_site table variable sitestat_ind.

File Structure:

Field Name	Type	Width	Dec	Start	End
SITESTAT _IND	CHAR	1		1	1
SITESTAT _DSC	VARCHAR2	50		2	51

```
*********************************************************************
```
File Name: site_preference.dat

Description: Lookup table supporting site table variable prefsite_sw.

File Structure:

Field Name	Type	Width	Dec	Start	End
PREFSITE_SW	CHAR	1		1	1
PREFSITE _DSC	VARCHAR2	50		2	51

```
*********************************************************************
```
File Name: site_group_category.dat

Description: Lookup table supporting site table variable site_grp_cat.

File Structure:

Field Name	Type	Width	Dec	Start	End
===========	===========	=====	=====	=====	===
SITE_GRP_CAT	NUMBER	3		1	3
SITE_GRP_DSC	VARCHAR2	50		3	52

```
***************************************************************
```
File Name: site_sub_group.dat

Description: Lookup table supporting site table variable site_sub_grp.

File Structure:

Field Name	Type	Width	Dec	Start	End
===========	===========	=====	=====	=====	===
SITE_SUB_GRP	NUMBER	3		1	3
SITE_SUB_DSC	VARCHAR2	50		3	52

```
***************************************************************
```
File Name: site_used.dat

Description: Lookup table supporting site table variable used_sw.

File Structure:

Field Name	Type	Width	Dec	Start	End
===========	===========	=====	=====	=====	===
USED_SW	NUMBER	1		1	1
USED_DSC	VARCHAR2	50		2	51