AGIIS Product Directory Record Layout

Upload file may contain 5 different types of records. Each record begins with record type.

This flat file format can be used for product imports, product extracts, and product subset extracts but is most appropriate for existing, legacy crop protection industry applications (see note below). When receiving a product subset extract the file will contain an additional field at the L3 level titled "proprietary code".

The Product Directory Layout import does not include a "transaction type" data element. All transactions are treated as "AddorReplace" meaning: (1) if the record does not exist in AGIIS, the record will be added or (2) if the record already exists in AGIIS, the existing record's information will be replaced with the information from the file.

The Product Directory Layout format of the data should be in standard comma separated value format with all fields treated as "text data", i.e. each field should be enclosed in quote marks. Note that as per standard CSV convention, fields with embedded double-quote characters or commas **must** be quoted and each of the embedded double-quote characters must be represented by a **pair** of double-quote characters.

Note: The "Product Directory Layout" is a legacy specification originally designed for the Crop Protection industry and its layout does not support some of the newer features in AGIIS, e.g. data elements required for Seed products. As such, its use is not recommended for new development. Instead, please use the GTIN 1-Level (CSV) or Product Import (XML) layouts which both support all product data elements.

Note: Subscribers wishing to establish Product/Agreement links using the bulk load process must use the Product Import (XML) file format as this feature is not supported using the Product Directory Record Layout or GTIN 1-Level (CSV) formats.

Company

	Field Name	Max Length	Required	Description	Examples
1	Record type	2	Yes	Always "CO" for Company.	"CO"
2	Company Status	1	Yes	Current status of the Company (manufacturer) record. Values allowed: "A" = Active, "I" = Inactive	"A", "I"
3	Company Name	50	Yes	Manufacturer name used to retrieve the records.	"ABC, Inc"
4	EBID Code (E-Business ID)	13	Yes	The EBID is a 13-character alpha-numeric code used to identify physical locations, including but not limited to, manufacturing facilities, distribution facilities, retail locations, end-use businesses, drop points, rail sidings, and locations identified by geographic location (latitude and longitude.) EBID identifiers have the same value as the GLN assigned to the entity.	"0123765960000"

UCC Codes (GS1 Prefix)

	Field Name	Max Length	Required	Description	Examples
1	Record type	2	Yes	Always "UC" for UCC	"UC"
2	UCC Status	1	Yes	Current status of UCC record (GS1 prefix). Values allowed: "A" = Active, "I" = Inactive	"A", "I"
3	UCC	11	Yes	UCC manufacturer from Uniform Code Council (now known as the GS1 prefix) or the manufacturer code assigned by AgGateway.	"0714591"
4	EBID Code (E-Business ID)	13	Yes	The EBID is a 13-character alpha-numeric code used to identify physical locations, including but not limited to, manufacturing facilities, distribution facilities, retail locations, end-use businesses, drop points, rail sidings, and locations identified by geographic location (latitude and longitude.) EBID identifiers have the same value as the GLN assigned to the entity.	"0123765960000"

Note: More than one UCC (GS1 prefix) record may be provided

Product or Formulation

ID	Field Name	Max Length	Required	Description	Examples
1	Record type	2	Yes	Always "L1" for Level 1 records	"L1"
2	Product Status	1	Yes	Current status of product record. Values allowed: "A" = Active, "I" = Inactive • Active Products - Products or services that manufacturer/supplier currently has available to sell. • Inactive Products - Products or services that are no longer available from the manufacturer/supplier to sell. Changing the status of the product to Inactive will also change the status of all package size and package configuration records associated with the product.	"A", "I"
3	EBID Code (E-Business ID)	13	Yes	The EBID is a 13-character alpha-numeric code used to identify physical locations, including but not limited to, manufacturing facilities, distribution facilities, retail locations, end-use businesses, drop points, rail sidings, and locations identified by geographic location (latitude and longitude.) EBID identifiers have the same value as the GLN assigned to the entity.	"0123765960000"
4	Product Id	30	Yes	Company (manufacturer) assigned product number. Use the internal product/formulation number that may tie to your back-office product code or generate it. Characters are allowed.	"1", "9", "P14"
5	Product Name	128	Yes	Commonly used brand name. (This should include the formulation type for Ag Chem such as EC, WP, G, SE, etc.)	"TEAMProduct 2F"
6	Buying Company	13	No	EBID Code of the company buying this product. Leave blank unless the product has been sold. Must have exactly 13 digits.	"0128420960000"
7	Ownership Change Date	8	No	The date the product ownership changed. Format MMDDYYYY. Leave blank unless product is sold.	"10022000","04171999"
8	Product Category	2	Yes	Values allowed: "CH" - Chemical, "FD" - Feed, "FZ" – Fertilizer, "SD" - Seed, "OT" – Other	"CH", "FD", "FZ", "SD", "OT"
9	Product Category 2	2	No	Values allowed: "CH" – Chemical, "FD" – Feed, "FZ" – Fertilizer, "SD" – Seed. Should be different from other categories. Must be blank, if Product Category is "OT".	"CH", "FD", "FZ", "SD"
10	Product Category 3	2	No	Same as Product Category 2.	"CH", "FD", "FZ", "SD"
11	Product Category 4	2	No	Same as Product Category 2	"CH", "FD", "FZ", "SD"

12	EPA Registration Number	20	Yes – when the product category is chemical	EPA registration number. This field is required only for products in the category of Chemical. Chemical products that won't ever have an EPA # (equipment, tanks, adjutants, etc.) must use the exception code of "NA" meaning "Not Applicable". Chemical product that need added immediately, but the manufacturer does not yet have an EPA # must use the exception code of "CNA" for "Currently Not Available" until such time an EPA number is available. Monthly e-mail reminders will be sent to users listing chemical products with the exception code of CNA.	"01234-56789- -00000"
13	User Defined 1	50	No	Any optional information the manufacturer would like to add to the Product information page.	"N/A"
14	User Defined 2 OR "Sales Reporting" when loading AG Chem Products	50	No	This field should be used for "Sales Reporting" for Ag Chem Products. This user defined field will need to be updated by the Subscriber and should be listed exactly as follows: **Sales Reporting**. The value of this field should be "Y" for Yes if this product is required to be reported for Sales purposes or "N" for No if this product is not required to be reported for Sales purposes	If using this field for Sales Reporting the value should be "Y" or "N"
15	User Defined 3 OR "Inventory Reporting" when loading AG Chem Products	50	No	This field should be used for "Inventory Reporting" for Ag Chem Products. This user defined field will need to be updated by the Subscriber and should be listed as follows: **Inventory Reporting**. The value of this field should be "Y" for Yes if this product is required to be reported for Inventory purposes or "N" for No if this product is not required to be reported for Inventory purposes	If using this field for Inventory Reporting the value should be "Y" or "N"
16	Last Verified Date	8	No	Date when the Product information was last verified. If this field is left blank, current date would be inserted. Format MMDDYYYY	"10022002", "04172003"

Package Size or Level

ID	Field Name	Max Length	Required	Description	Examples
1	Record type	2	Yes	Always "L2" for Level 2 records	"L2"
2	Package Size Status	1	Yes	Current status of Package Size record. Values allowed: "A" = Active, "I" = Inactive - Active Package Size – A Package Size that a manufacturer/supplier currently has available to sell. - Inactive Package Size - A Package Size that is no longer available from the manufacturer/supplier to sell. Package Size Status cannot be active if the associated product is inactive.	"A", "I"
3	Package Size Id	11	Yes	Package identifier assigned by the manufacturer as part of the GTIN (Global Trade Item Number). Must be numeric digits between 1 and 11 characters.	"17035"

4	UCC Code	11	Yes	Manufacturer's GS1 prefix (used to be known as UCC) or the manufacturer code assigned by AgGateway. Contained in GTIN. **Note**: Total length of Package Size Id and GS1 Prefix (UCC Code) must be equal to 12 digits	"0714591"
5	Product Id	30	Yes	Company (manufacturer's) assigned product number.	"9", "P14"
6	EBID Code (E-Business ID)	13	Yes	The EBID is a 13-character alpha-numeric code used to identify physical locations, including but not limited to, manufacturing facilities, distribution facilities, retail locations, end-use businesses, drop points, rail sidings, and locations identified by geographic location (latitude and longitude.) EBID identifiers have the same value as the GLN assigned to the entity.	"0123765960000"
7	Package Name	128	Yes	Full name of the Package Size. Should include formulation and size of container.	"TEAMProduct 2F 2x2.5 gal"
8	Short Package Size Description	128	No	Short text description of the Package Size	"TEAMProduct 2 Flow 2x2.5 gal (High Flash)"
9	Base Quantity	6	Yes	The volume quantity of the formulation contained in the lowest saleable package. **Number.**	"1", "140", "2.5"
10	Base UOM	2	Yes	The unit of measure of the formulation contained in the lowest saleable package.	"GA", "LB", "OZ", "QT"
11	Package UOM	2	Yes	Unit of measure for the lowest saleable package from the EDI unit of measure list	"DR", "JU", "QT", "BN"
12	Sales Reporting UOM	2	No	The unit of measure recommended for retail sales reports to the manufacturer.	"QT", "GA", "BO", "LB"
13	Full Product Description	240	No	Full text description of the Package Size. Include any comments about the product in this field.	"This is 110 gallon poly tank. This product includes a pump and meter"
14	Package Size Entry Date	8	No	The date when the Package Size was entered in the database. Format MMDDYYYY. If this field is left blank, current date would be inserted.	"10022000","04171999"
15	Status Change Date	8	No	Date on which the status of the Package Size was last changed. Format MMDDYYYY. If this field is left blank, current date would be inserted.	"10022000","04171999"
16	Country 1	3	No	Package Size country selection. Values allowed:"US", "Can", "Mex". Should be different from other country fields.	"US", "Can", "Mex"
17	Country 2	3	No	Same as Country 1	"US", "Can", "Mex"
18	Country 3	3	No	Same as Country 1	"US", "Can", "Mex"
19	User Defined 1	50	No	Any optional information the manufacturer would like to add to the information page.	"N/A"
20	User Defined 2	50	No	Any optional information the manufacturer would like to add to the information page.	"N/A"
21	User Defined 3	50	No	Any optional information the manufacturer would like to add to the information page.	"N/A"

22	Last Verified Date	8	No	Date when the Package Size information was last verified. If this field is left blank, current date would be inserted. Format MMDDYYYY	"10022002", "04172003"

Package Configuration

	Field Name	Max Length	Required	Description	Examples
1	Record type	2	Yes	Always "L3" for Level 3 record	"L3"
2	Package Configuration Status	1	Yes	Current status of Package Configuration record. Values allowed: "A" = Active, "I" = Inactive • Active Package Configuration - A Package Configuration that a manufacturer/supplier currently has available to sell. • Inactive Package Configuration - A Package Configuration that is no longer available from the manufacturer/supplier to sell. Package Configuration Status cannot be active if the associated product or package size is inactive.	"A", "I"

3	GTIN	14	Yes	GTIN (Global Trade Item Number) consists of:
				
				a) Indicator Digit ("0" through "9")
				
				The indicator digit no longer represents the legacy descriptions listed below as once defined by AGIIS business rules. Now, it is up to each manufacturer to define their own GTIN hierarchy.
				
				      0 - Smallest Salable Unit
				      1 – Not Previously Defined
				      2 – Mutually agreed upon (e.g. To identify a container less than intermediate and above smallest consumer unit.)
				      3- Interim Package
				      4 – Mutually agreed upon (e.g. To identify a container smaller than standard shipping container and greater than intermediate.)
				      5 – Standard Shipping Container
				      6 – Not Previously Defined
				      7 – Standard Pallet
				      8 – Repack
				      9 – Non-Standard/Bulk
				
				Indicator Digit should be applied consistently across all product lines but may vary by manufacturer.
				
				b) Manufacturer's GS1 prefix (used to be known as UCC Code)
				c) Package Size ID portion of GTIN
				d) Check digit – one-digit number used to verify the accuracy of the shipping container number.
				
				GTIN must be exactly 14 digits. **Number**
					"0072941100897"

4	Package UOM	2	Yes	Package unit of measure (EDI value for package level indicator code.)	"PH", "PL", "JU", "LB"
5	Reporting Id	30	No	Company specific code for identifying this level of packaging for the product.	"139774"

6	Quantity of Base Package	14,6	No	The quantity of the lowest saleable unit package for this package. **Number**	"12", "1", "2" Example: Due to labeling requirements on packaged goods, the lowest saleable unit must have a label. Therefore, if at a pallet level, such as a pallet of 48 cases of 2 x 2.5-gallon jugs, the base package quantity would be 96 and the base unit of measure would be JU= jugs.
7	Base Package UOM	2	No	The Units of Measure for the lowest saleable package.	"JU", "PL", "GA", "OZ"
8	Quantity of Child Package	14,6	No	The quantity of next lowest product package. The quantity of the units of measure in the child product package. This would be one level down (such as how many cases are in a pallet or how many jugs are in a case etc.) for this package configuration. **Number**	"125", "1", "2" Example: If you are at the pallet level, typically the child package is a case and you should record how many cases are on that pallet. If you are at the case level packaging, you should record the quantity of how many bottles, jugs, bags or packets, etc. are in that case. If you are at the base package (lowest saleable unit) then your quantity will be 1.
9	Child Package UOM	2	No	The units of measure for the next lowest product package.	"JU", "PL", "GA", "OZ"
10	Calculated Volume Quantity	16,6	No	The total amount of the product based on the base package UOM from the product record. **Number**	"56.250", "1.178", "1732.875" Example: At the pallet level, this will indicate how many gallons are in a pallet of 48 cases of 2 x 2.5 gallon jugs. Use the number in the "Quantity of Base Package" (line 8 above) multiplied it by the "Base Quantity" (line 9 of the Package Size information).
11	Gross Weight	16,6	No	The total weight of the formulation and the packaging. **Number**	"1521.350", "20.000", "12"
12	Tare Weight	16,6	No	The weight of the packaging for the product. **Number**	"0.275", "1.000", "3"
13	Net Weight	16,6	No	The weight of the product in a product package excluding any packaging **Number**	"15.250", "17.000", "1000"
14	Weight UOM	2	No	The unit of measure used for the gross, tare, and net weights.	"LB", "OZ"
15	Package Length	16,6	No	The largest horizontal dimension measured in the upright position. **Number**	"1.525", "2.000", "17"
16	Package Width	16,6	No	Shorter of the two horizontal dimensions of the object in the upright position. **Number**	"0.525", "2.000", "17"
17	Package Height	16,6	No	The vertical dimension measured when the product is in upright position. **Number**	"3.525", "2.000", "17"
18	Dimensions UOM	2	No	The unit of measure used for the length, width, and height.	"IN"
19	Square Area	16,6	No	The total area of the package. **Number**	"3.525", "16.000", "21"
20	Square Area UOM	2	No	Square area unit of measure.	"FT", "IN"
21	Cubic Dimension	16,6	No	Cubic dimension of a package. **Number**	"11.525", "22.000", "4"

22	Cubic Dimension UOM	2	No	Cubic dimension unit of measure	"FT, "IN"
23	Stacking Height	3	No	The recommended maximum number of packages to be stacked during transportation or storage. **Number**	"1", "15", "7"
24	User Defined 1	50	No	Any optional information the manufacturer would like to add to the Package Configuration information page.	"N/A"
25	Sales Reporting Indicator	1	No	Formerly User Defined 2, this field is now used exclusively as a "Sales Reporting Indicator".	"Y", "N", "",
26	Inventory Reporting Indicator	1	No	Formerly User Defined 3, this field is now used exclusively as a "Inventory Reporting Indicator".	"Y", "N", "",
27	Last Verified Date	8	No	Date when the Package Configuration information was last verified. If this field is left blank, current date would be inserted. Format MMDDYYYY	"10022002", "04172003"
28	Proprietary Code	30		Subscribers' Prop Code for the specific product. **Note**: This field is available only for Product Subset Extract files.	"12345"