AGIIS "Flat" Product/GTIN Comma Separated Value (.csv) Record Layout

As opposed to the "Product Directory Layout" which provides .csv upload and download functionality using a "record typed approach[1]", the "Flat Product/GTIN" provides similar functionality with a view of the data that is completely flat or, as described using database design vernacular, non-normalized.

As such, this flat file format is particularly useful for product extract users who wish to perform "what ifs" and reports on the data using Microsoft Excel. It is also particularly suited to product manufacturers whose products use the single product + single child package size + single child package configuration product GTIN model such as typical seed products. Care should be taken when using the flat file format against products that follow the legacy model, i.e. single product + one-to-many package sizes + one-to-many package configuration product GTINs. For example, the "Delete Transaction" using the Flat Product/GTIN will delete the product + **all** its child package sizes and **all** their child package configuration GTINs. Similar to the "cascade delete", a "cascade inactivate" is also in effect, i.e. inactivating a product using Flat Product/GTIN format will also inactivate all its child package sizes and all their child package configuration GTINs. When a file has been imported, a notification email containing the success\failure of each transaction is sent to the subscriber's "Product Import Email Notification Address".

The Flat Product/GTIN format was introduced with PCR183 in July 2012. It had the following design objectives:

- Create a new .csv file format and interface that includes all current data elements[2] in a single level design.
- The interface will include data from the current "package configuration" level but will also include all the parent data elements of that package configuration (i.e. the parent package size, the parent product, and the parent manufacturer UCC/GS1 Prefix). The following information pertains to the new interface:
  - By reducing the current 5 level hierarchy into a single flat file, the redundant key information used to join the levels will be consolidated into a single set of database key information.
  - All existing data elements will be included in the interface along with the addition of:
    - An "Action Request" data element to identify the type of transaction requested for inbound records, simplifying programmatic interpretation of data. The following Action Request types will be supported: A-Add, U-Update, R-Add or Replace, D-Delete and I-Inquiry.
    - The "product subset proprietary code" will be included so that the same file format and interface will function for both inbound (product import, product subset import) and outbound (product extract) file processing.
- The same file format and batch interface will be used for both product import and product extract processes.
- The .csv format will provide easy end user manipulation of files via Excel. The Excel "hide column" functionality will provide a means of removing non-required data elements from view while at the same time providing all data columns for those who wish to see all available product information.

Note: Subscribers wishing to establish Product/Agreement links using the bulk load process must use the XML file format as this feature is not supported using the .csv file format.

The Flat Product/GTIN 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. A sample extract file can be downloaded at https://www.agiis.org/Links/SampleFlatProductGTINFile.csv . See the following pages for the layout of the record and a definition of each of the fields.

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[1] The record typed approach mirrors the legacy AGIIS hierarchical Product design

[2] While the legacy Product Directory Layout contains all the fields necessary to support "crop protection products", it does not contain all the fields available for products on the AGIIS website (e.g. fields specific to seed products).

#	Field Name	Max Length Format	Req.	Description	Examples
1	ActionRequest	1 Coded, Alpha	Yes	A-Add, U-Update, R-Add or Replace. D-Delete, I-Inquiry Note, the ActionRequest is applied to all levels in the hierarchy (product\package size\package configuration). Company and UCC levels must be maintained on the AGIIS Web (note that some Company and UCC level fields may also be updated using the AGIIS XML format import). Since the ActionRequest applies to all levels in the hierarchy, this can lead to a "mismatch", e.g. a subscriber tries to add a new package configuration to a pre-existing product\package size and receives an error because the product\package size already exists. To avoid this issue, use the ActionRequest "R" (Add or Replace) which will add a level if it does not already exist or update a level which already exists. In product extracts, the ActionRequest value will be automatically populated by the system as Inquiry.	"A", "U", "R", "D", "I"
Company\UCC Level Data Elements					
Note: Company and UCC Level Data must be maintained on the AGIIS web site					
2	CompanyIdentifierAgency	1 Coded, Alpha	Yes	Identifier Agency (type) paired with the CompanyIdentifierValue (i.e. identifier value) which identifies the product manufacturer. Supported values include E (EBID) and G (GLN).	"E"
3	CompanyIdentifierValue	30 Alpha-numeric	Yes	Identifier value paired with the CompanyIdentifierAgency which identifies the product manufacturer. Supported values include E EBID values (13 digits) and GLN values (13 digits).	"0123765960000"
4	Company Active Flag	1 Coded, Alpha	Yes	Current status of company record. Values allowed: "A" = Active, "I" = Inactive. This field is ignored for input processing. It is populated in output processing to facilitate reporting.	"A", "I"
5	Company Name	50 Alpha-numeric	No	Manufacturer Name used to retrieve the records. This field is ignored for input processing. It is populated in output processing to facilitate reporting.	"ABC Inc"
6	CompanyPrefixCode	11 Numeric	Yes	The Company Prefix Code (also known as the UCC manufacturer from Uniform Code Council, (also known as the the GS1 prefix) or the manufacturer code assigned by AgGateway.	"0714591"
7	ProductSecurityCode	1 Coded, Alpha	No	The company level setting for product security. Company level product security can be defined as "Open", "Include" (which requires a specific list of subscribers who can view the product), or "Exclude" (which requires a specific list of subscribers who are prohibited from viewing the product). Company level product security can be overridden for specific products by setting security at the product level. Product level security should only be established when there is a need to supersede Company level settings for this product, otherwise Product level security should be left as the default (Subscriber level). This field is ignored for input processing. It is populated in output processing to facilitate reporting but is only populated for extracts requested by the manufacturer of the product.	"O","X","I"
Product Level Data Elements					
8	ProductIdentifier	30	Yes	Company (manufacturer) assigned product number. Use the internal	"1", "9", "P14"

		Alpha-numeric		product/formulation number that may tie to your back-office product code or generate it. Characters are allowed.	
9	ProductActiveFlag	1 Coded, Alpha	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"
10	ProductName	128 Alpha-numeric	Yes	Commonly used brand name. (This should include the formulation type for Ag Chem such as EC, WP, G, SE, etc.)	"TEAMProduct 2F"
11	BuyingCompanyIdentifierAgency	1 Coded, Alpha	No*	Identifier Agency (type) paired with the BuyingCompanyIdentifierValue (i.e. identifier value) which identifies the company buying this product. Leave blank unless the product ownership changed. Supported values include E (EBID) and G (GLN). Conditionally required when OwnershipChangeDate is populated.	"E"
12	BuyingCompanyIdentifierValue	30 Alpha-numeric	No*	Identifier value paired with the BuyingCompanyIdentifierAgency which identifies the company buying this product. Leave blank unless the product ownership changed. Supported values include E EBID values (13 digits) and GLN values (13 digits). This element is used when a product or the marketing rights has been purchased by another company. It is important to not only identify the company but the date the purchase takes into effect (see OwnershipChangeDate). Conditionally required when OwnershipChangeDate is populated.	"0123765960000"
13	OwnershipChangeDate	10 Date	No*	The date the product ownership changed. Format MM/DD/YYYY. Leave blank unless product is sold. Conditionally required when BuyingCompanyIdentifierValue is valued.	"06/24/2011"
14	PrimaryProductSegmentCode	2 Coded, Alpha	Yes	Values allowed: "CH" - Chemical, "FD" - Feed, "FZ" – Fertilizer, "SD" - Seed, "OT" – Other	"CH", "FD", "FZ", "SD", "OT"
15	OtherProductSegmentCode1	2 Coded, Alpha	No	Values allowed: "CH" – Chemical, "FD" – Feed, "FZ" – Fertilizer, "SD" – Seed. Should be different from other categories. Must be blank, if PrimaryProductSegmentCode is "OT".	"CH", "FD", "FZ", "SD"
16	OtherProductSegmentCode2	2 Coded, Alpha	No	Same as OtherProductSegmentCode1.	"CH", "FD", "FZ", "SD"
17	OtherProductSegmentCode3	2 Coded, Alpha	No	Same as OtherProductSegmentCode1	"CH", "FD", "FZ", "SD"
18	OtherProductSegmentCode4	2 Coded, Alpha	No	Same as OtherProductSegmentCode1	"CH", "FD", "FZ", "SD"
19	EPARegistrationNumber	20 Alpha-	No*	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,	"01234-56789--00000"

		numeric		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. Required when the product segment is Chemical (PrimaryProductSegmentCode or OtherProductSegmentCode1 thru 4).	
20	UserDefinedField1	50 Alpha-numeric	No	Any optional information the manufacturer would like to add to the information page.	"N/A"
21	UserDefinedField2	50 Alpha-numeric	No	Any optional information the manufacturer would like to add to the information page.	"N/A"
22	UserDefinedField3	50 Alpha-numeric	No	Any optional information the manufacturer would like to add to the information page.	"N/A"
23	BrandName	50 Alpha-numeric	No*	The manufacturer's name for the related grouping of products to which this product belongs. This field is currently only applicable to products where the PrimaryProductSegmentCode is Seed and is required for those products.	"BCSX", "ASGROW"
24	ProductVariety	128 Alpha-numeric	No*	The commercially used designation to represent the product in sales catalogs and literature. This field is currently only applicable to products where the PrimaryProductSegmentCode is Seed and is required for those products.	"BCSX", "0104B2F", "AG0331"
25	ProductMaturity	5 Numeric	No	The amount of time that the seed requires prior to harvesting (a number of days e.g., 120) or the ideal seasonal growing zone for the seed product (a numeric value with or without a single decimal, e.g., 4 or 3.1) which must between 0 and 999.9. This field is currently only applicable to products where the PrimaryProductSegmentCode is Seed. If no value is provided, default is 0.	
26	ProductTraits	255 Alpha-numeric	No	Specific biotech and non-biotech attributes associated with the genetics of the seed or germ plasma. This field is currently only applicable to products where the PrimaryProductSegmentCode is Seed.	"LL", "GENRR2Y"
27	ProductCrop	4 Coded	No*	A code Indicating the type of crop the seed will produce. The value must be present in the Crop Code Xref table available on the AGIIS Web. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. This field is currently only applicable to products where the PrimaryProductSegmentCode is Seed and is required for those products.	"C", "S", "OATS"
28	ProductCropName	128 Alpha-numeric	No	A name corresponding to the crop code indicating the type of crop the seed will produce. This field is currently only applicable to products where the PrimaryProductSegmentCode is Seed and is ignored on input but is populated on output for reporting purposes.	"Cotton", "Soybeans"

29	ProductTreatments	255 Alpha-numeric	No	Processes and products applied to the seed. There is a code table for the ProductCrop. That table can be found on the AgGateway and AGIIS website. This field is currently only applicable to products where the PrimaryProductSegmentCode is Seed. Value should be "UNTREATED" or the specific treatment name.	"Diamir/ Metalaxyl /Insecticide", "UNTREATED
30	ProductSecurityCode	1 Coded, Alpha	No	The product level setting for product security. Product level product security can be defined as "Subscriber Level" (default),"Open", "Include" (which requires a specific list of subscribers who are allowed to view the product), or "Exclude" (which requires a specific list of subscribers who are prohibited from viewing the product). Product level security should only be established when there is a need to supercede Company level settings for this product. This field is ignored for input processing. It is populated in output processing to facilitate reporting but is only populated for extracts requested by the manufacturer of the product.	"O","X","I",""
31	DateLastVerified	10 Date	No	Date when the Product information was last verified. If this field is left blank, current date would be inserted. Format MM/DD/YYYY	"06/24/2011"
32	LastModifiedDateTime	22 Date Time	Auto	The date\time the product was last updated in AGIIS. Automatically populated by the system with the current date\time during update. Used for output only, ignored during imports.	"06/24/2011 01:30:00 PM"
33	LastModifiedUserId	20 Alpha-numeric	Auto	The user id of the person or process that last updated the product in AGIIS. Automatically populated by AGIIS during update. Used for output only, ignored during imports.	"CBROWN"
34	CreationDateTime	22 Date Time	Auto	The date\time the product was last updated in AGIIS. Automatically populated by the system with the current date\time during add. Used for output only, ignored during imports.	"06/24/2011 01:30:00 PM"
35	CreationUserId	20 Alpha-numeric	Auto	The user id of the person or process that created the product in AGIIS. Automatically populated by AGIIS during add. Used for output only, ignored during imports.	"CBROWN"
Package Size Level Data Elements					
36	Package SizeID	11 Numeric	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. **Note**: Total length of PackageSizeID and CompanyPrefixCode must be equal to 12 digits	"17035"
37	PackageSizeActive Flag	1 Coded, Alpha	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"
38	PackageSizeName	128 Alpha-numeric	Yes	Full name of the Package Size. Should include formulation and size of container.	"TEAMProduct 2F 2x2.5 gal", "BCSX 0104B2F CMN 220K BAG

					US", "AG0331 GENRR2Y 140M Insect+Fung"
39	Short Description	128 Alpha-numeric	No	Short text description of the Package Size	"TEAMProduct 2 Flow 2x2.5 gal (High Flash)". "BCSX 0104B2F CMN 220K BAG US, 140.00 MK BAG"
40	BaseQuantity	6 Numeric	Yes	The volume quantity of the formulation contained in the lowest saleable package.	"1", "140", "2.5"
41	BaseQuantityUnitOfMeasureCodeANSIX12	2 Coded	Yes*	The unit of measure of the formulation contained in the lowest saleable package in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Base UOM is required in either ANSI X12 or UN Rec 20 encoding. If both are populated, they must agree. Both are populated in output files.	"GA", "LB", "OZ", "QT", "PC", "TH", "BG"
42	BaseQuantityUnitOfMeasureCodeRec20	3 Coded	Yes*	The unit of measure of the formulation contained in the lowest saleable package in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Base UOM is required in either ANSI X12 or UN Rec 20 encoding. If both are populated, they must agree. Both are populated in output files.	"GLL", "LBR", "OZ", "QT", "C62", "MIL", "BL"
43	PackageUnitOfMeasureCodeANSIX12	2 Coded	Yes*	Unit of measure for the lowest saleable package from the EDI unit of measure list in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Package UOM is required in either ANSI X12 or UN Rec 20 encoding. If both are populated, they must agree. Both are populated in output files.	"DR", "JU", "QT", "BN", "PC", "TH", "BG"
44	PackageUnitOfMeasureCodeUNRec20	3 Coded	Yes*	Unit of measure for the lowest saleable package from the EDI unit of measure list in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Package UOM is required in either ANSI X12 or UN Rec 20 encoding. If both are populated, they must agree. Both are populated in output files.	"DR", "QT", "C62", "MIL", "BL"
45	ReportingUnitOfMeasureCodeANSIX12	2 Coded	No*	The unit of measure recommended for retail sales reports to the manufacturer in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files. Sales Reporting UOM is conditionally required for products where the PrimaryProductSegmentCode is Seed and is "Sales Reportable" (Product.UserDefinedField2 = "Sales Reporting" or SalesReportableIndicator = "Y").	"QT", "GA", "BO", "LB", "PC", "TH", "BG"
46	ReportingUnitOfMe	3	No*	The unit of measure recommended for retail sales reports to the manufacturer in	"GLL", "LBR",

	asureCodeUNRec20	Coded		UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files. Sales Reporting UOM is conditionally required for products where the PrimaryProductSegmentCode is Seed and is "Sales Reportable" (Product.UserDefinedField2 = "Sales Reporting" or SalesReportableIndicator = "Y").	"OZ", "QT", "C62", "MIL", "BL"
47	LongDescription	240 Alpha-numeric	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", "BCSX 0104B2F CMN 220K BAG US", "AG0331 GENRR2Y 140M Insect+Fung"
48	DateEntered	10 Date	Auto	The date when the Package Size was entered in the database. This field is automatically populated by the system with the current date during product import (if populated by the subscriber it is ignored). Format MM/DD/YYYY. This field has the same value as the date portion of the CreationDateTime.	"06/24/2011"
49	DateStatusChanged	10 Date	No	Date on which the status of the Package Size was last changed as supplied by the subscriber during product import. Format MM/DD/YYYY. Contrast with LastModifiedDateTime which is automatically populated by the system.	"06/24/2011"
50	CountryCode1	3 Coded	No	Indicates the countries in which the product/package size is sold. Select the appropriate countries. Values allowed:"USA", "CAN", "MEX". Should be different from other country fields.	"USA", "CAN", "MEX"
51	CountryCode2	3 Coded	No	Same as CountryCode1	"USA", "CAN", "MEX"
52	CountryCode3	3 Coded	No	Same as CountryCode1	"USA", "CAN", "MEX"
53	UserDefinedField1	50 Alpha-numeric	No	Any optional information the manufacturer would like to add to the information page.	"N/A"
54	UserDefinedField2	50 Alpha-numeric	No	Any optional information the manufacturer would like to add to the information page.	"N/A"
55	UserDefinedField3	50 Alpha-numeric	No	Any optional information the manufacturer would like to add to the information page.	"N/A"

56	SeedSize	128 Alpha-numeric	No*	A description of the size of the seed kernel, such as AF or AR. Not applicable to soybean products. This field is currently only applicable to Seed products and is required if ProductCrop is Corn.	"AF"
57	DateLastVerified	10 Date	No / Auto	Date when the Package Size information was last verified. If this field is left blank, the system populates with the current date. Format MM/DD/YYYY	"06/24/2011"
58	LastModifiedDateTime	22 Date Time	Auto	The date\time the package size was last updated in AGIIS. Automatically populated by the system with the current date\time during update. Used for output only, ignored during imports.	"06/24/2011 01:30:00 PM"
59	LastModifiedUserId	20 Alpha-numeric	Auto	The user id of the person or process that last updated the package size in AGIIS. Automatically populated by AGIIS during update. Used for output only, ignored during imports.	"CBROWN"
60	CreationDateTime	22 Date Time	Auto	The date\time the package size was last updated in AGIIS. Automatically populated by the system with the current date\time during add. Used for output only, ignored during imports.	"06/24/2011 01:30:00 PM"
61	CreationUserId	20 Alpha-numeric	Auto	The user id of the person or process that created the package size in AGIIS. Automatically populated by AGIIS during add. Used for output only, ignored during imports.	"CBROWN"
Package Configuration Level Data Elements					
62	GTIN	14 Numeric	Yes	GTIN (Global Trade Item Number) is a 14-digit number consisting of: a) Indicator Digit ("0" through "9") – 1 digit **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) – variable length c) Package Size ID portion of GTIN – variable length d) Check digit – one-digit number used to verify the accuracy of the shipping	"00070183000 036"

				container number. – 1 digit GS1 Prefix and Package Size Id must be 12 digits and GTIN must be exactly 14 digits.	
63	PackageConfigurationActiveFlag	1 Coded, Alpha	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"
64	Indicator Digit	1 Coded, Numeric	Yes	Indicator Digit – Select value from dropdown, 0-9. The digit selected makes up part of the package configuration's GTIN. The indicator digit + company GS1 prefix + Package Size ID + Check Digit combine to form the 14 digit GTIN. **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 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 7 – Standard Pallet 8 – Repack 9 – Non-Standard/Bulk **Indicator Digit should be applied consistently across all product lines but may vary by manufacturer.**	"0", "9"
65	PackageUnitOfMeasureCodeANSIX12	2 Coded	Yes*	Package unit of measure (EDI value for package level indicator code.) The package unit of measure in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Package UOM is required in either ANSI X 12 or UN Rec 20 encoding. If both are populated, they must agree. Both are populated in output files.	"PH", "PL", "JU", "LB", " PC", "TH", "BG"
66	PackageUnitOfMeasureCodeUNRec20	3 Coded	Yes*	Package unit of measure (EDI value for package level indicator code.) The package of measure in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Package UOM is required in either ANSI X 12 or UN Rec 20 encoding. If both	"QT", "LBR", "C62","MIL", "BL"

				are populated, they must agree. Both are populated in output files.	
67	Reporting Identifier	30 Alpha-numeric	No	A company-specific code for identifying a product and its packaging. The manufacturer can choose what identifier they would like reported to them, such as the GTIN, ProductID, etc.	"139774"
68	BasePackageQuantity	14,6 Numeric	No	The quantity of the lowest saleable unit package for this package. *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.*	"12", "1", "2"
69	BasePackageUnitOfMeasureCodeANSIX12	2 Coded	No	The Units of Measure for the lowest saleable package in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"JU", "PL", "GA", "OZ", "PC", "TH", "BG"
70	BasePackageUnitOfMeasureCodeUNRec20	3 Coded	No	The Units of Measure for the lowest saleable package in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"QT", "LBR", "C62", "MIL", "BL"
71	ChildPackageQuantity	14,6 Numeric	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. *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.*	"125", "1", "2"
72	ChildPackageUnitOfMeasureCodeANSIX12	2 Coded	No	The units of measure for the next lowest product package in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"JU", "PL", "GA", "OZ", "PC", "TH", "BG"
73	ChildPackageUnitOfMeasureCodeUNRec20	3 Coded	No	The units of measure for the next lowest product package in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"QT", "LBR", "C62", "MIL", "BL"
74	CalculatedVolumeQuantity	16,6 Numeric	No	The total amount of the product based on the base package UOM from the product record. The result of Package Size Base Quantity multiplied by the Base package Quantity. *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*	"56.250", "1.178", "1732.875"

				Size information).	
75	WeightGross	16,6 Numeric	No	The total weight of the formulation and the packaging.	"1521.350", "20.000", "12"
76	WeightTare	16,6 Numeric	No	The weight of the packaging for the product.	"0.275", "1.000", "3"
77	WeightNet	16,6 Numeric	No	The weight of the product in a product package excluding any packaging.	"15.250", "17.000", "1000"
78	WeightUnitOfMeasureCodeANSIX12	2 Coded	No	The unit of measure used for the gross, tare, and net weights in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"LB", "OZ"
79	WeightUnitOfMeasureCodeUNRec20	3 Coded	No	The unit of measure used for the gross, tare, and net weights in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"LBR", "OZ"
80	DimensionLength	16,6 Numeric	No	The largest horizontal dimension measured in the upright position expressed as measured by Dimensions UOM.	"1.525", "2.000", "17"
81	DimensionWidth	16,6 Numeric	No	Shorter of the two horizontal dimensions of the object in the upright position expressed as measured by Dimensions UOM.	"0.525", "2.000", "17"
82	DimensionHeight	16,6 Numeric	No	The vertical dimension measured when the product is in upright position expressed as measured by Dimensions UOM.	"3.525", "2.000", "17"
83	DimensionUnitOfMeasureCodeANSIX12	2 Coded	No	The unit of measure code used for the length, width, and height in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Dimensions UOM is not required. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"IN"
84	DimensionUnitOfMeasureCodeUNRec20	3 Coded	No	The unit of measure code used for the length, width, and height in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Dimension UOM is not required. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"INH","CMT"
85	SquareArea	16,6 Numeric	No	The total area of the package.	"3.525", "16.000", "21"
86	SquareAreaUnitOfMeasureCodeANSIX12	2 Coded	No	Square area unit of measure code in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Square Area UOM is not required. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"FT", "IN"
87	SquareAreaUnitOf	3	No	Square area unit of measure code in UN Recommendation 20 nomenclature. For	"FOT",

	MeasureCodeUNRec20	Coded		a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Square Area UOM is not required. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"INH","CMT"
88	CubicDimension	16,6 Numeric	No	Cubic dimension of a package.	"11.525", "22.000", "4"
89	CubicDimensionUnitOfMeasureCodeANSIX12	2 Coded	No	Cubic dimension unit of measure code in ANSI X12 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Cubic Dimension UOM is not required. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"FT, "IN"
90	CubicDimensionUNRec20	3 Coded	No	Cubic dimension unit of measure code in UN Recommendation 20 nomenclature. For a complete list please consult https://www.agiis.org/Links/UOMRedirect.htm. The Cubic Dimension UOM is not required. If populated for import, the value can be populated in either ANSI X12 or UN Rec 20. If both are populated for import, they must agree. Both are populated in output files.	"FOT", "INH","CMT"
91	Stacking Height	3 Numeric	No	The recommended maximum number of packages to be stacked during transportation or storage.	"1", "15", "7"
92	UserDefinedField1 "Alternate Reporting ID"	50 Alpha-numeric	No	Any optional information the manufacturer would like to add to the information page. For Seed product, this field should be used to record additional Reporting ID's for this product not contained in the Reporting Identifier field	"00765432123456"
93	UserDefinedField2 "Sales Reporting"	50 Alpha-numeric	No	A Y\N indicator designates whether this product is "sales reportable" at the product configuration level. *Note: This field was formerly an optional customer defined but has been re-designated for usage as "Sales Reporting Indicator".*	"Y", "N"
94	UserDefinedField3 "Inventory Reporting"	50 Alpha-numeric	No	A Y\N indicator designates whether this product is "inventory reportable" at the product configuration level. *Note: This field was formerly an optional customer defined but has been re-designated for usage as "Sales Reporting Indicator".*	Y", "N"
95	DateLastVerified	10 Date	No / Auto	Date when the Package Configuration information was last verified. If this field is left blank, current date would be inserted. Format MM/DD/YYYY	"06/24/2011"
96	LastModifiedDateTime	22 Date Time	Auto	The date\time the package configuration was last updated in AGIIS. Automatically populated by the system with the current date\time during update. Used for output only, ignored during imports.	"06/24/2011 01:30:00 PM"
97	LastModifiedUserId	20 Alpha-numeric	Auto	The user id of the person or process that last updated the package configuration in AGIIS. Automatically populated by AGIIS during update. Used for output only, ignored during imports.	"CBROWN"
98	CreationDateTime	22 Date Time	Auto	The date\time the package configuration was last updated in AGIIS. Automatically populated by the system with the current date\time during add. Used for output only, ignored during imports.	"06/24/2011 01:30:00 PM"
99	CreationUserId	20 Alpha-numeric	Auto	The user id of the person or process that created the package configuration in AGIIS. Automatically populated by AGIIS during add. Used for output only, ignored during imports.	"CBROWN"
100	PCPNumber	15	No	Pesticide Control Product number. This number is used in regulatory compliance	"01234-56725"

		Alpha-numeric		in Canada. This number is similar to the EPA#. The PCP would be an additional data element on the "Product" level within AGIIS	
Product Subset Level Data Elements					
101	ProductSubsetCompanyIdentifierAgency	1 Coded, Alpha	No	Identifier Agency (type) paired with the Product Subset Company Identifier Value which identifies the company that "owns" this subset entry. Note that the "product" associated with this subset entry is identified by the GTIN. Supported values include E (EBID) and G (GLN).	"E"
102	ProductSubsetCompanyIdentifierValue	30 Alpha-numeric	No	Identifier Value paired with the Product Subset Company Identifier Type which identifies the company that "owns" this subset entry. Note that the "product" associated with this subset entry is identified by the GTIN. Supported values include E EBID values (13 digits) and GLN values (13 digits).	"0123765960000"
103	ProprietaryCode	30 Alpha-numeric	No	The identifier used by a given subscriber in their legacy system to represent the product manufacturer's GTIN.	"527-A53394"