

Seed Council: Seed Product Directory Guidelines

Business Purpose

This document provides information and guidelines around seed product data in the Ag Industry Identification System (AGIIS) directory in order to have more consistency in the way the seed products are loaded and maintained in AGIIS. The following help:

- Clarify the definition of the fields used and needed for seed products
- Understand what codes seed manufacturers are using, in certain key fields.
- Provide an example for a product load and product extract.

Background

The Seed Council recognized that there was very little documentation as to how to implement and load the products (specially the seed products) in AGIIS. Because of the lack of guidelines, the Council feels that the previously loaded data is inconsistent and difficult for those wanting to utilize that data. AGIIS has provided the electronic capability to upload and download Seed products in the AGIIS product directory.

AGIISProductUpdate XML Mapping Document

Record Level	Data Element \ @Attribute	Required Y/N	Description	Example
Header/ThisDocumentIdentifier	DocumentIdentifier	Y	CIDX Chem eStandards v3.0 DateTime followed by a 4 digit sequence number. Total 19 digits	000020110505T092261
Header/ThisDocumentDateTime	DateTime	Y	Follows the guidelines set forth by the CIDX Chem eStandards v3.0 for DateTime information YYYYMMDDhhmmss	20110505T092261,2011-04-13T18:15:46Z
Header/ThisDocumentDateTime/DateTime	DateTimeQualifier	Y	Data element that qualifies the DateTime element. "On"	On
Header/From/PartnerInformation	PartnerName	Y	Sending Subscribers name	ABC Company
Header/From/PartnerInformation	PartnerIdentifier	Y	Sending Subscriber's EBID	8097318700000
Header/From/PartnerInformation / PartnerIdentifier	@Agency	Y	The type of unique identifier. (EBID)	EBID
Header/From/PartnerInformation / ContactInformation	ContactName	Y	Name of the person to contact if problems exist in the file.	Bob Smith
Header/From/PartnerInformation / ContactInformation / TelephoneNumber	NationalTelephone Number	N	Phone number to reach the sending subscriber contact.	555-123-4567
Header/From/PartnerInformation / ContactInformation	EmailAddress	Y	Email address of the sending subscriber contact	bobsmith@abccompany.com
Header/To/PartnerInformation	PartnerName	Y	Name of the receiving company	CSC
Header/To/PartnerInformation	PartnerIdentifier	Y	Receiving company's EBID	1324108090000

Header/To/PartnerInformation / PartnerIdentifier	@Agency	Y	The type of unique identifier (EBID)	EBID
Header/To/PartnerInformation / ContactInformation	ContactName	Y	Name of the designated contact at the receiving company	Help Desk
Header/To/PartnerInformation / ContactInformation / TelephoneNumber	NationalTelephoneNumber	N	Phone number to reach the receiving company contact	866-251-8618
Header/To/PartnerInformation / ContactInformation	EmailAddress	Y	Email address of the receiving company contact.	helpdesk@agiis.org
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation	@ActiveFlag	Y	Indicates whether the company is active or inactive. Required.	Active, Inactive
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation	PartnerName	Y	Manufacturer name used to retrieve the records.	Bayer CropScience
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation	PartnerIdentifier	Y	Manufacturer's unique Identifier	809731870000
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / PartnerIdentifier	@Agency	Y	The type of unique identifier (EBID)	EBID
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / AddressInformation	AddressLine1	N	Manufacturer's physical address line 1. When doing e-Biz Connectivity, the correct address will be pulled forward through the EBID. If a company has multiple addresses, the correct address will show based	123 South First Street

			on the EBID.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / AddressInformation	AddressLine2	N	Manufacturer's physical address line 2. When doing e-Biz Connectivity, the correct address will be pulled forward through the EBID. If a company has multiple addresses, the correct address will show based on the EBID.	Suite 100
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / AddressInformation	CityName	N	Manufacturer's physical city	Minneapolis
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / AddressInformation	StateOrProvince	N	Manufacturer's physical state/province. When doing e-Biz Connectivity, the correct address will be pulled forward through the EBID. If a company has multiple addresses, the correct address will show based on the EBID.	MN
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / AddressInformation	PostalCode	N	Manufacturer's physical postal code. When doing e-Biz Connectivity, the correct address will be pulled forward through the EBID. If a company has multiple addresses, the correct address will show based on the EBID.	55360
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation	PostalCounty	N	Manufacturer's postal county	

/ AddressInformation				
AGIISProductUpdate / Body / AGIISProductUpdateDetail s / CompanyInformation / AddressInformation	FIPSCode	N	Manufacturer's FIPS code. Federal information processing standards codes (FIPS codes)	
AGIISProductUpdate / Body / AGIISProductUpdateDetail s / CompanyInformation / AddressInformation	CountryName	N	Manufacturer's Country	
AGIISProductUpdate / Body / AGIISProductUpdateDetail s / CompanyInformation / CompanyPrefixCode	@ActiveFlag	Y	Indicates whether the company prefix code is active or inactive. Required.	Active
AGIISProductUpdate / Body / AGIISProductUpdateDetail s / CompanyInformation / CompanyPrefixCode	CompanyPrefixCode	Y	A variable number issued by either the GS1 or AgGateway. The Co. Prefix Code is an element of the industry product code that uniquely identifies the manufacturer or company within that code.	0785740
AGIISProductUpdate / Body / AGIISProductUpdateDetail s / CompanyInformation /	URL	N	The subscriber's web site address. The full URL must be entered including the proper protocol, such as http:, ftp:, or https:. When doing e-Biz Connectivity, the correct URL will be pulled forward through the EBID. If a company has multiple URLs, the correct URL will show based on the EBID.	

AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation /	LastModifiedDateTime	N	If populated by the subscriber this field is ignored during product import but is automatically populated by the system. In a product extract this field contains the date\time the company information was last updated. System auto-populates if there is information at that level.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation	@ActiveFlag	Y	Indicates whether the product is active or inactive. 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 warning message will be displayed to remind users of the automatic inactivation of package sizes and configurations. Required.	Active, Inactive
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / ProductIdentification	ProductIdentifier	Y	A unique number within your company that identifies the product. This is the manufacturer proprietary ID. Required.	5501, AG0331 A3
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / ProductIdentification	ProductName	Y	The registered name of the product. Required.	BCSX 0104B2F, AG0331 Diamir/Metalaxyl/Insecticide
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation	BrandName	Y	The manufacturer's name for the related grouping of products to which this product belongs. This field only displays if Primary Category selected is Seed.	BCSX, ASGROW

AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation	ProductVariety	Y	The commercially used designation to represent the product in sales catalogs and literature. Required.	BCSX 0104B2F, AG0331
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation	ProductMaturity	N	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 decimal, e.g., 4 or 3.1). Not a required field but should be defined for each crop for consistency. If no value is provided, default is '0'.	
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation	ProductTraits	N	Specific biotech and non-biotech attributes associated with the genetics of the seed or germ plasma. The AGIIS length of the field is 255 characters.	LL, GENRR2Y
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation	ProductCrop	Y	Indicates the type of crop the seed will produce. Required. There is a code table for the Product Crop. That table can be found on the AgGateway and AGIIS website.	COTTON, Soybeans
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation	ProductTreatments	N	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. Value should "Untreated" or the specific treatment name. Recommendation is that it be a Required field.	BASE TREATMENT PACKAGE , Diamir/Metalaxyl/Insecticide;

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	BuyingCompanyEBID	N	EBID Code of the company buying this product. 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 next item)	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	OwnershipChangeDate	N	Date the product ownership changed to the current owner, if applicable. 2011- this element has been requested to be a Conditional Requirement that if the BuyingCompanyEBID is populated, then this element will be required to be populated.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	DateLastVerified	N	Date when the Product information was last verified. If this field is left blank, the system defaults to the current date during product add or update. Format ISO 8601 (yyyyMMddTHHmss)	20110504
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	PrimaryProductSegmentCode	Y	Indicates to which industry this product most closely belongs. Select the appropriate category. Packaging for material is listed under "Other" category.	SEED
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	OtherProductSegmentCode	N	Indicates any additional categories to which this product belongs. More than one check box may be selected (cannot be the same as the Primary Category selected).	

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	OtherProductSegmentCode	N	Indicates any additional categories to which this product belongs. More than one check box may be selected (cannot be the same as the Primary Category selected).	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	OtherProductSegmentCode	N	Indicates any additional categories to which this product belongs. More than one check box may be selected (cannot be the same as the Primary Category selected).	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	EPARegistrationNumber	N	Required if the product category is chemical. Seeds does not have an EPA registration number.	NA
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	UserdefinedField1	N	Up to three Subscriber-defined fields that allow related data to be collected for this product record. Enter relevant information.	MTA2
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	UserdefinedField2	N	Up to three Subscriber-defined fields that allow related data to be collected for this product record. Enter relevant information. Recommendation is to use this field as “GPOS Reportable”.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	UserdefinedField3	N	Up to three Subscriber-defined fields that allow related data to be collected for this product record. Enter relevant information.	

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation	LastModifiedDateTime	N	If populated by the subscriber this field is ignored during product import but is automatically populated by the system. In a product extract this field contains the date\time the product information was last updated. System auto-populates if there is information at that level.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / LinkedAgreementInformation	PartnerIdentifier	CR	The unique identifier of the Agreement Owner. This is Conditionally Required. If an agreement is entered, all LinkedAgreement fields are required.	0062668030000
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / LinkedAgreementInformation	@Agency	CR	The type of unique identifier (EBID) This is Conditionally Required. If an agreement is entered, all LinkedAgreement fields are required.	EBID
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / LinkedAgreementInformation	AgreementCode	CR	A Product and Agreement link can be established if the purchase of the product requires a license. This is Conditionally Required. If an agreement is entered, all LinkedAgreement fields are required.	MTA2
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation	@ActiveFlag	Y	Indicates whether the package size is active or inactive. Changing the status of the package size to Inactive will also change the status of all package configuration records associated with the package size. A	Active, Inactive

			warning message will be displayed to remind users of the automatic inactivation of package configurations. The package size cannot be changed to active if the associated product is inactive. Required.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation	PackageSizeCode	Y	A unique number within your company that identifies the package size. Required; must be numeric, up to 11 digits long. The combination of the Package Size ID and the Company Prefix Code must be 12 digits long.	14753, 0883580
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation	CompanyPrefixCode	Y	An identification number associated with the company's products, usually the GS1 identification number. Required. The combination of the Package Size ID and the Company Prefix Code must be 12 digits long.	0785740
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / CompanyPrefixCode	@ActiveFlag	Y	Indicates whether the package configuration is active (the default) or inactive. Package configuration cannot be Active if the associated Package Size or Product is Inactive. Required.	Active, Inactive
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation	PackageSizeName	Y	The full name of the package size. Required.	BCSX 0104B2F CMN 220K BAG US, AG0331 GENRR2Y 140M Insect+Fung

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation	ShortDescription	N	Short text description of the package size.	BCSX 0104B2F CMN 220K BAG US, 140.00 MK BAG
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation /BaseQuantity	MeasurementValue	Y	The volume quantity of the formulation contained in the lowest saleable package.	1, 140.0
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation /BaseQuantity	UnitOfMeasureCode	Y	The unit of measure of the formulation contained in the lowest saleable package. Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20. Required.	PC, MIL, BG
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / BaseQuantity / Measurement /UnitOfMeasureCode	@Domain	Y	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure.	ANSI X12, UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation /PackageUnitOfMeasureCode	PackageUnitOfMeasureCode	Y	The unit of measure for the lowest saleable package from the EDI unit of measure. Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list. Required.	UN, BG

de				
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation /PackageUnitOfMeasureCode	@Domain	Y	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure.	ANSI X12, UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation /ReportingUnitOfMeasureCode	ReportingUnitOfMeasureCode	CR	The unit of measure manufacturers require all trading partners to use for all transactions and reporting. Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list. If product is required to be reported, this should be populated.	UN, BG
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation /ReportingUnitOfMeasureCode	@Domain	CR	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure. Seed need UN Rec 20	ANSI X12, UN REC 20

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation	SeedSize	CR	A description of the size of the seed kernel, such as AF or AR. Not applicable to soybean products. Required only for Corn.
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation	LongDescription	N	Full text description of the package size.
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation	DateEntered	N	If populated by the subscriber this field is ignored during product import but is automatically populated by the system. In a product extract this field contains the date\time the package size information was added to the system.
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation	DateStatusChanged	N	The date\time the package size status was changed as supplied by the subscriber during product import.
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation	CountryCode	N	Indicates the countries in which the product/package size is sold. Select the appropriate countries.
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation /	UserDefinedField1	N	Up to three Subscriber-defined fields that allow related data to be collected for this package size record. Enter relevant information.

ProductInformation / PackageSizeInformation				
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation	UserDefinedField2	N	Up to three Subscriber-defined fields that allow related data to be collected for this package size record. Enter relevant information.	A3
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation	UserDefinedField3	N	Up to three Subscriber-defined fields that allow related data to be collected for this package size record. Enter relevant information.	N
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation	DateLastVerified	N	Date when the Package Size information was last verified. If this field is left blank, the system defaults to the current date during product add or update. Format ISO 8601 (yyyyMMddTHHmss)	20110504
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageConfigurationInformation	@ActiveFlag	Y	Indicates whether the package configuration is active (the default) or inactive. Package configuration cannot be Active if the associated Package Size or Product is Inactive. Required.	Active, Inactive
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageConfigurationInformation	PackageLevelCode	Y	The package level description. Required. Select the appropriate package level description. The code associated with the level selected makes up part of the package configuration's GTIN.	0

ormation				
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation	CompanyPrefixCod e	Y	A variable number issued by either the GS1 or AgGateway. The Co. Prefix Code is an element of the industry product code that uniquely identifies the manufacturer or company within that code.	0785740
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation /CompanyPrefixCode	@ActiveFlag	Y	Indicates whether the package configuration is active (the default) or inactive. Package configuration cannot be Active if the associated Package Size or Product is Inactive. Required.	Active, Inactive
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation	CheckDigit	XML = Y	Step One: To find the Check Digit for the GTIN-14 ID Number 9101454121022. Set up a table with 14 columns, and put the number 9101454121022 into Positions One through Thirteen. Position Fourteen will be blank because it is reserved for the Check Digit. Step Two: Add the numbers in Positions One, Three, Five, Seven, Nine, Eleven, and Thirteen: (9 + 0 + 4 + 4 + 2 + 0 + 2 = 21). Step Three: Multiply the result of	5, 1

			<p>Step Two by three: $(21 \times 3 = 63)$.</p> <p>Step Four: Add the numbers in Positions Two, Four, Six, Eight, Ten, and Twelve: $(1 + 1 + 5 + 1 + 1 + 2 = 11)$.</p> <p>Step Five: Add the results of Step Three and Step Four: $(63 + 11 = 74)$.</p> <p>Step Six: The Check Digit is the smallest number needed to round the result of Step Five up to a multiple of 10. In this example, the Check Digit is 6.</p>	
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	GTIN	N	The Global Trade Identification Number, which is made up of the package level code, company prefix code, package size code, and check digit. This field is populated by AGIIS based on already required elements.	00785740147535
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	PackageUnitOfMeasureCode	Y	The product package unit of measure. Required. Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list.	PC, BG
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	@Domain	Y	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the	ANSI X12, UN REC 20

ormation /PackageUnitOfMeasureCode			corresponding ANSI X12 Units of Measure.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	ReportingIdentifier	N	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...	UPC, GTIN
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / BasePackageQuantity / Measurement	MeasurementValue	N	The quantity of the lowest saleable unit package. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	1, 140.0
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / BasePackageQuantity / Measurement	UnitofMeasureCode	N	Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	PC, BG

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation /BasePackageQuantity / Measurement	@Domain	N	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	ANSI X12, UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	PackageUnitOfMeasureCode	N	Select the appropriate unit of measure for the lowest saleable package from either the ANSI X12 or UN Rec 20 list. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	PC, BG
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation /PackageUnitOfMeasureCode	@Domain	N	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	ANSI X12, UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation /	MeasurementValue	N	The quantity of the units of measure in the child product package. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	1

PackageConfigurationInformation /ChildPackagingQuantity / Measurement				
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / ChildPackagingQuantity / Measurement	UnitOfMeasureCode	N	Select the appropriate unit of measure for the next lowest product package from either the ANSI X12 or UN Rec 20 list. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	PC, BG
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / ChildPackagingQuantity / Measurement / UnitOfMeasureCode	@Domain	N	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	ANSI X12, UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	CalculatedVolumeQuantity	N	The result of Package Size Base Quantity multiplied by the Base package Quantity.	0, 140.0

AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation	WeightGross	N	Total weight of the formulation and the packaging. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	50
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation	WeightTare	N	The weight of the packaging for the product. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation	WeightNet	N	The weight of the product in a product package, not including the weight of the package. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation	WeightUnitOfMeas ureCode	N	This one field indicates the unit of measure for the Gross Weight, Tare Weight, and Net Weight. Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	LB, LBR

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation / WeightUnitOfMeasureCode	@Domain	N	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure. Distributors would like this to be a required field, if it is not a difficulty for the manufacturer.	ANSI X12, UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation	DimensionLength	N	The largest horizontal dimension measured when the object is in an upright position.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation	DimensionWidth	N	Shorter of the two horizontal dimensions of the object in an upright position.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation	DimensionHeight	N	The vertical dimension measured when the object is in an upright position.	

AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	DimensionUnitOfMeasureCode	N	This one field indicates the unit of measure for the Length, Width, and Height. Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list.	INH
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / DimensionUnitOfMeasureCode	@Domain	N	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure.	UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / SquareArea	MeasurementValue	N	The total area of the product package.	0.0
AGIISProductUpdate / Body / AGIISProductUpdateDetails / CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation / SquareArea	UnitOfMeasureCode	N	Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list.	FOT

AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation / PackageConfigurationInformation / SquareArea / UnitOfMeasureCode	@Domain	N	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the corresponding ANSI X12 Units of Measure.	UN REC 20
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation / CubicDimension	MeasurementValue	N	Cubic dimension of a package. Number	0.0
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation / CubicDimension	UnitOfMeasureCode	N	Select the appropriate unit of measure from either the ANSI X12 or UN Rec 20 list.	FOT
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInformation	@Domain	N	If you select an ANSI X12 Unit of Measure, the system will automatically determine the corresponding UN Rec 20 Unit of Measure. If you select a UN Rec 20 Units of Measure, the system will automatically determine the	UN REC 20

ormation / CubicDimension / UnitOfMeasureCode			corresponding ANSI X12 Units of Measure.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	StackingHeight	N	The recommended maximum number of packages to be stacked during transportation or storage.	0
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	UserDefinedField1	N	Up to three Subscriber-defined fields that allow related data to be collected for this package configuration record. Enter relevant information.	
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	UserDefinedField2	N	Up to three Subscriber-defined fields that allow related data to be collected for this package configuration record. Enter relevant information.	1
AGIISProductUpdate / Body / AGIISProductUpdateDetails /CompanyInformation / ProductInformation / PackageSizeInformation / PackageConfigurationInformation	UserDefinedField3	N	Up to three Subscriber-defined fields that allow related data to be collected for this package configuration record. Enter relevant information.	

ormation				
AGIISProductUpdate / Body / AGIISProductUpdateDetail s /CompanyInformation / ProductInformation /PackageSizeInformation / PackageConfigurationInf ormation	DateLastVerified	N	Date when the Package Configuration information was last verified. If this field is left blank, the system defaults to the current date during product add or update. Format ISO 8601 (yyyyMMddTHHmss)	20110504

Package Size Name

Company	Package Size Name Description
Syngenta	Seed Size + Package Type
Monsanto	Variety + Trait + Package Type + Treatment (if applicable)
Dow	Corn: Variety + Seed size + Trait (if applicable) + Crop + Treatment (if applicable) Other Crops: Variety + Trait + Crop +Treatment (if applicable) + Package Type

Weight

Company	Crop	Value
Syngenta	Soybean	140KS – 140 thousand seed
Syngenta	Soybean	5.6MS
Syngenta	Soybean	7MS
Monsanto	Alfalfa	50 Lb units/ 66 units per pallet
Monsanto	Spring Canola	50 Lb units/ 66 units per pallet
Monsanto	Spring Canola	1000 Lb per mini bulk

Monsanto	Winter Canola	50 Lb units/ 60 units per pallet
Monsanto	SeedPak45	50 Lb units/ 45 units per SeedPak45
Monsanto	Pima/Acala Cotton	50 Lb units/ 50 units per pallet
Monsanto	Sorghum	50 Lb units/66 units per pallet
Monsanto	SeedPak50	50 Lb units/50 units per SeedPak50

Seed Count

Company	Crop	Value
DOW	Corn	80,000
DOW	Corn (Super Boxes)	50x80,000
DOW	Soybeans mini-Bulk	140,000 per unit/40 units per mini-bulk
DOW	Soybeans Bag	140,000 per unit
DOW	Sunflowers (Sizes 2&3)	200,000 per unit
DOW	Sunflowers (Sizes 2&3)	200,000 per unit/40 units per Super Box
DOW	Sunflowers (Size 4)	225,000 per unit
DOW	Sunflowers (Size 4)	225,000 per unit/40 units per Super Box
Monsanto	Corn	80,000 kernel units/Pallet quantities vary by Seed size
Monsanto	Corn - SeedPak50(not offered in all seed sizes)	80,000 kernel units/50 per SeedPak50
Monsanto	Corn - SeedPak45(not offered in all seed sizes)	80,000 kernel units/45 per SeedPak45
Monsanto	Soybean - RR2 Bulk Soybeans	140,000 Seeds per unit/60 units per pallet
Monsanto	Soybean - Mini-bulk	140,000 seeds per unit/40 units per mini-bulk
Monsanto	Soybean - Bulk on demand	increments of 1000 standard units
Monsanto	DP Cotton Varieties	250,000 Seed/38 units per Boll Box

Relative Maturity Group

Company	Crop	Maturity Values	Description
DOW	Soybean	00,0,1,2,3,4,5	

Monsanto	Corn	80 - 120	Days
Monsanto	Soybean	0.0 7.8	
Monsanto	Cotton	VE	Very Early
Monsanto	Cotton	E	Early
Monsanto	Cotton	E-M	Mid-Early
Monsanto	Cotton	M	Mid
Monsanto	Cotton	M-F	Mid-Full
Monsanto	Cotton	F	Full
Monsanto	Sorghum	VE	Very Early
Monsanto	Sorghum	E	Early
Monsanto	Sorghum	E-M	Mid-Early
Monsanto	Sorghum	M	Mid
Monsanto	Sorghum	M-F	Mid-Full
Monsanto	Sorghum	F	Full
Monsanto	Canola	87 - 94	
Monsanto	Alfalfa	3.3 – 5	
Syngenta	Corn	72 - 124	Days
Syngenta	Soybean	.03 - 7.9	

Seed Size Codes

Company	Size	Description
DOW	F1	Flat 1
DOW	F2	Flat 2
DOW	R1	Round 1
DOW	R2	Round 2
DOW (sunflowers)	2	
DOW (sunflowers)	3	
DOW (sunflowers)	4	
Syngenta	S9	Small
Syngenta	F1	Medium Flat 1

Syngenta	F2	Medium Flat 2
Syngenta	R1	Medium Round 1
Syngenta	R2	Medium Round 2
Syngenta	L7	Large
Monsanto	AR	Accu Round
Monsanto	AR2	Accu Round - Large
Monsanto	AF	Accu Flat
Monsanto	AF2	Accu Flat - Large
Monsanto	P22	Small Plateless
Monsanto	P26	Large Plateless

Trait Codes

Company	Ext. Trait Code	Trait Description	Crop Types used	Reportable
Monsanto	CONV	Conventional - no traits	All crops	
Monsanto	GENRR2Y	Genuity roundup Ready to Yield	Soybeans	
Monsanto	GENSS	Genuity Smart Stax	Corn	
Monsanto	GENVT2P	Genuity	Corn	
Monsanto	GENVT3P	Genuity	Corn	
Monsanto	RR	Roundup ready	All crops	
Monsanto	RR(Winter)	Roundup ready - winter	Canola	
Monsanto	RR/LL	Roundup Ready LL	Soybeans	
Monsanto	RR/VI	Roundup Ready Vistive	Soybeans	
Monsanto	RR/YGCB	Roundup Ready & Yield Guard Corn Borer	Corn	
Monsanto	RR2	Roundup ready 2	Corn	
Monsanto	VT3	VT3 80, 20	Corn	
Monsanto	VTRR2	YGRW-RR2 WAXY	Corn	

Monsanto	WAXY-CONV	WAXY	Corn	
Monsanto	WAXY-RR2	ROUNDUP READY 2, WAXY	Corn	
Monsanto	WAXY-VT3	YIELDGARD VT TRIPLE, WAXY	Corn	
Monsanto	WHITE-CONV	WHITE - Conventional	Corn	
Monsanto	YGCB	YIELDGARD Corn Borer	Corn	
Monsanto	YGCB/HL	YIELDGARD CORN BORER / HIGH LYSINE	Corn	
Monsanto	YGCB/HO	YIELDGARD CORN BORER / HIGH OIL (RENESEN)	Corn	
Monsanto	YGCB/RR2	YIELDGARD CORN BORER / ROUNDUP READY 2	Corn	
Monsanto	YGPL	YIELDGUARD PLUS	Corn	
Monsanto	YGPL/RR2	ROUNDUP READY 2 / YIELDGARD CORN BORER / YIELDGARD ROOTWORM	Corn	
Monsanto	YGRW	YIELDGARD Root Worm	Corn	
Monsanto	YGRW/RR2	ROUNDUP READY / YIELDGARD ROOT WORM	Corn	
Monsanto	GENB2RRF	GENUITY BOLLGARD II WITH ROUNDUP READY FLEX	Cotton	
Monsanto	GENRRF	GENUITY ROUNDUP READY FLEX	Cotton	
Syngenta	A-3000GT	Agrisure 3000GT	Corn	Yes
Syngenta	A-3122	Agrisure 3122	Corn	Yes
Syngenta	AA-4011	Agrisure Artesian 4011	Corn	Yes
Syngenta	AA-4111	Agrisure Artesian 4111	Corn	Yes
Syngenta	AA-GT	Agrisure Artesian GT	Corn	Yes
Syngenta	A-CB/LL	Agrisure CB/LL	Corn	Yes
Syngenta	A-GT	Agrisure GT	Corn	Yes
Syngenta	A-GT/CB/LL	Agrisure GT/CB/LL	Corn	Yes
Syngenta	AV-3110	Agrisure Viptera 3110	Corn	Yes
Syngenta	AV-3111	Agrisure Viptera 3111	Corn	Yes

Syngenta	AV-3220	Agrisure Viptera 3220	Corn	Yes
Syngenta	AMS	Aphid Management System	Soybean	
Syngenta	NK-AMS/RR2Y	Genuity Roundup RR2Yield AMS	Soybean	
Syngenta	NK-AMS/RR	Roundup Ready AMS	Soybean	
DOW	HX	HERCULEX® I	Corn	
DOW	HXRW	HERCULEX® Rootworm	Corn	
DOW	HXXT	HERCULEX® XTRA	Corn	
DOW	WS	Widestrike	Cotton	
Bayer	LL	LibertyLink		
Bayer	GT	GlyTol		
Bayer	GL	Glytol + LibertyLink		
Bayer	GLT	GlyTol+LibertyLink + TwinLink		

Treatment Codes

Company	Code	Description
Syngenta	CDM	CRUISERMAXX
Syngenta	CHR	CRUISER EXTREME 1250
Syngenta	CLR	CRUISER EXTREME 250
Syngenta	CMR	CRUISER EXTREME 500
Syngenta	CMX	CRUISERMAXX
Syngenta	A50	AVICTA 500
Syngenta	DIV	DIVIDEND EXTREME
Syngenta	DIV	DIVIDEND EXTREME
Syngenta	CVL	CRUISER EXTREME .125
Syngenta	D/L	DIVIDEND EXTREME/LORSBAN
Syngenta	LOR	LORSBAN
Syngenta	CMX	CRUISERMAXX
Syngenta	CT2	CRUISERMAXX/TACH20
Syngenta	CT4	CRUISERMAXX/TACH45
Syngenta	A25	AVICTA 250

Syngenta	CD4	CRUISER MAXX 4 X DYNASTY
Syngenta	UNT	UNTREATED

XML Example:

