



## Core en DataTuin Componenten

Technische Specificatie  
Versie 4.02

**Voorlopig**

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# Wijzigingsblad

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1.02	Hans van Rossen	Aanpassing kernblokken n.a.v. overleg Afdeling Operations Greenery Zorgsysteem.
2.00	Hans van Rossen	Verwijzingen opgenomen naar de documentatie van de componentdefinities
2.01	Hans van Rossen	Afbeeldingen opgenomen van de componenten.
3.00	Fred Haak	Definitieve versie
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4.00	Hans van Rossen	Upgrade naar ebXML CC2.0
4.01	Hans van Rossen	Toevoeging blokken EAB
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	Datum	Functionaris	Paraaf
<b>Akkoord</b>		M.J. van Rossen (Auteur)	
<b>Gecontroleerd</b>		F. Haak (Kwaliteitscontroleur)	
<b>Geaccepteerd namens Productschap Tuinbouw</b>		Kees van Leeuwen (Opdrachtgever)	

## Aansprakelijkheid

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## 1. Inleiding

### 1.1 Doel van dit document

Dit document beschrijft de communicatieonderdelen die gebruikt zullen worden in alle berichtstandaarden die voor "DataTuin" ontworpen zijn / zullen worden. Het zijn de herbruikbare componenten waarmee alle berichten worden opgebouwd.

Deze onderdelen zijn ook in de vorm van een 'XML schema' (een .xsd document) beschreven. Deze schema's zijn als bijlage toegevoegd. Bovendien is op basis van deze schema's documentatie gegenereerd die ook als bijlage is toegevoegd.

### 1.2 Bestemd voor...

Dit document is bestemd voor alle partijen binnen de plantaardige sector die op elektronische wijze UMR-rapportages willen uitwisselen en voor organisaties die zich bezighouden met de ontwikkeling van softwaretoepassingen hiervoor.

### 1.3 Uitgangspunten

Dit document is gebaseerd op:

- EbXML Core Components
- "DataTuin" Datamodel
- UMR-UO-Bericht
- Greenery formulieren uit het Greenery ZorgSysteem

Voor het Technische Specificatie worden de volgende uitgangspunten gehanteerd:

- Nieuwe berichten volgen de XML standaard.
- Er wordt maximaal gebruik gemaakt van de ebXML core components.
- De richtlijnen uitgevaardigd door de UN/CEFACT voor berichtopbouw worden opgevolgd.
- Er zal zoveel mogelijk gebruik worden gemaakt van internationale code standaards opgesteld volgens ISO of United Nations.

### 1.4 Afkortingen en begrippen

Afkorting/begrip	Omschrijving
ebXML	Electronic Business XML. Standaard voor elektronisch zakendoen op basis van XML-berichtenuitwisseling.
ISO	International Organization for Standardization
XML	eXtensible Markup Language. XML is een soort metavariant van HTML.

## 2. Core Components volgens ebXML

De Kern componenten zijn de componenten waarmee alle blokken op te bouwen moeten zijn.

### 2.1 Approved Core Component Types

CCT Dictionary Entry	Definition	Remarks	Object Class	Property Term	CCT Components
<b>Amount. Type</b>	A number of monetary units specified in a currency where the unit of currency is explicit or implied.		<b>Amount</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Amount. Content</b></li> <li>▪ <b>Amount Currency. Identifier</b></li> <li>▪ <b>Amount Currency. Code List Version. Identifier</b></li> </ul>
<b>Binary Object. Type</b>	A set of finite-length sequences of binary octets.	Shall also be used for <i>Data Types</i> representing graphics (i.e., diagram, graph, mathematical curves or similar representations), pictures (i.e. visual representation of a person, object, or scene), sound, video, etc.	<b>Binary Object</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Binary Object. Content</b></li> <li>▪ <b>Binary Object. Format. Text</b></li> <li>▪ <b>Binary Object. Mime. Code</b></li> <li>▪ <b>Binary Object. Encoding. Code</b></li> <li>▪ <b>Binary Object. Character Set. Code</b></li> <li>▪ <b>Binary Object. Uniform Resource. Identifier</b></li> <li>▪ <b>Binary Object. Filename. Text</b></li> </ul>
<b>Code. Type</b>	A character string (letters, figures or symbols) that for brevity and/or language independence may be used to represent or replace a definitive value or text of an <i>Attribute</i> together with relevant supplementary information.	Should not be used if the character string identifies an instance of an <i>Object Class</i> or an object in the real world, in which case the Identifier. Type should be used.	<b>Code</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Code. Content</b></li> <li>▪ <b>Code List. Identifier</b></li> <li>▪ <b>Code List. Agency. Identifier</b></li> <li>▪ <b>Code List. Agency Name. Text</b></li> <li>▪ <b>Code List. Name. Text</b></li> <li>▪ <b>Code List. Version. Identifier</b></li> <li>▪ <b>Code. Name. Text</b></li> <li>▪ <b>Language. Identifier</b></li> <li>▪ <b>Code List. Uniform Resource. Identifier</b></li> <li>▪ <b>Code List Scheme. Uniform Resource. Identifier</b></li> </ul>
<b>Date Time. Type</b>	A particular point in the progression of time together with relevant supplementary information.	Can be used for a date and/or time.	<b>Date Time</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Date Time. Content</b></li> <li>▪ <b>Date Time. Format. Text</b></li> </ul>
<b>Identifier. Type</b>	A character string to identify and distinguish uniquely, one instance of an object in an identification scheme from all other objects in the same scheme together with relevant supplementary information.		<b>Identifier</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Identifier. Content</b></li> <li>▪ <b>Identification Scheme. Identifier</b></li> <li>▪ <b>Identification Scheme. Name. Text</b></li> <li>▪ <b>Identification Scheme Agency. Identifier</b></li> <li>▪ <b>Identification Scheme. Agency Name. Text</b></li> <li>▪ <b>Identification Scheme. Version. Identifier</b></li> <li>▪ <b>Identification Scheme Data. Uniform Resource. Identifier</b></li> <li>▪ <b>Identification Scheme. Uniform Resource. Identifier</b></li> </ul>

<b>Indicator. Type</b>	A list of two mutually exclusive Boolean values that express the only possible states of a <i>Property</i> .		<b>Indicator</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Indicator. Content</b></li> <li>▪ <b>Indicator. Format. Text</b></li> </ul>
<b>Measure. Type</b>	A numeric value determined by measuring an object along with the specified unit of measure.		<b>Measure</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Measure. Content</b></li> <li>▪ <b>Measure Unit. Code</b></li> <li>▪ <b>Measure Unit. Code List Version. Identifier</b></li> </ul>
<b>Numeric. Type</b>	Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of quantity or unit of measure.	May or may not be decimal	<b>Numeric</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Numeric. Content</b></li> <li>▪ <b>Numeric. Format. Text</b></li> </ul>
<b>Quantity. Type</b>	A counted number of non-monetary units possibly including fractions.		<b>Quantity</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Quantity. Content</b></li> <li>▪ <b>Quantity. Unit. Code</b></li> <li>▪ <b>Quantity Unit. Code List. Identifier</b></li> <li>▪ <b>Quantity Unit. Code List Agency. Identifier</b></li> <li>▪ <b>Quantity Unit. Code List Agency Name. Text</b></li> </ul>
<b>Text. Type</b>	A character string (i.e. a finite set of characters) generally in the form of words of a language.	Shall also be used for names (i.e. word or phrase that constitutes the distinctive designation of a person, place, thing or concept).	<b>Text</b>	<b>Type</b>	<ul style="list-style-type: none"> <li>▪ <b>Text. Content</b></li> <li>▪ <b>Language. Identifier</b></li> <li>▪ <b>Language. Locale. Identifier</b></li> </ul>

## 2.2 Approved Core Component Type Content and Supplementary Components

Name	Primitive data-type	Definition	Remarks
<b>Amount. Content</b>	decimal	A number of monetary units specified in a currency where the unit of currency is explicit or implied	
<b>Amount Currency. Code List Version. Identifier</b>	string	The <i>Version</i> of the UN/ECE Rec. 9 code list.	
<b>Amount Currency. Identifier</b>	string	The currency of the amount	Reference UN/ECE Rec. 9, using 3-letter alphabetic codes. The UN/ECE Rec. 9 is also published as ISO 4217, but is available in electronic form and free of charge.
<b>Binary Object. Content</b>	binary	A set of finite-length sequences of binary octets.	
<b>Binary Object. Format. Text</b>	string	The format of the binary content.	
<b>Binary Object. Mime.Code</b>	string	The mime type of the binary object.	Reference IETF RFC 2045, 2046, 2047
<b>Binary Object. Character Set. Code</b>	string	The character set of the binary object if the mime type is text.	Reference IETF RFC 2045, 2046, 2047
<b>Binary Object. Encoding. Code</b>	string	Specifies the decoding algorithm of the binary object.	Reference IETF RFC 2045, 2046, 2047
<b>Binary Object. Uniform Resource. Identifier</b>	string	The Uniform Resource Identifier that identifies where the Binary Object is located.	
<b>Binary Object. Filename. Text</b>	string	The filename of the binary object.	Reference IETF RFC 2045, 2046, 2047

<b>Code. Content</b>	string	A character string (letters, figures or symbols) that for brevity and/or language independence may be used to represent or replace a definitive value or text of an <i>Attribute</i> .	
<b>Code List. Agency. Identifier</b>	string	An agency that maintains one or more code lists.	Defaults to the UN/EDIFACT data element 3055 code list.
<b>Code List. Agency Name. Text</b>	string	The name of the agency that maintains the code list.	
<b>Code List. Name. Text</b>	string	The name of a list of codes.	
<b>Code List. Identifier</b>	string	The identification of a list of codes	Can be used to identify the URL of a source that defines the set of currently approved permitted values
<b>Code List Scheme. Uniform Resource. Identifier</b>	string	The Uniform Resource Identifier that identifies where the code list scheme is located.	
<b>Code List. Uniform Resource. Identifier</b>	string	The Uniform Resource Identifier that identifies where the code list is located.	
<b>Code List. Version. Identifier</b>	string	The <i>Version</i> of the code list.	Identifies the <i>Version</i> of the UN/EDIFACT data element 3055 code list.
<b>Code. Name. Text</b>	string	The textual equivalent of the code content	If no code content exists, the code name can be used on its own
<b>Date Time. Content</b>	string	The particular point in the progression of time	For times use an ISO 8601 compliant format that includes the UTC offset
<b>Date Time. Format. Text</b>	string	The format of the date/time content	Reference ISO 8601 and W3C note on date time
<b>Identification Scheme Agency. Identifier</b>	string	The identification of the agency that maintains the identification scheme.	Defaults to the UN/EDIFACT data element 3055 code list.
<b>Identification Scheme Agency. Name. Text</b>	string	The name of the agency that maintains the identification scheme	
<b>Identification Scheme Data. Uniform Resource. Identifier</b>	string	The Uniform Resource Identifier that identifies where the identification scheme data is located	
<b>Identification Scheme. Identifier</b>	string	The identification of the identification scheme.	
<b>Identification Scheme. Name. Text</b>	string	The name of the identification scheme.	
<b>Identification Scheme. Uniform Resource. Identifier</b>	string	The Uniform Resource Identifier that identifies where the identification scheme is located.	
<b>Identification Scheme. Version. Identifier</b>	string	The <i>Version</i> of the identification scheme.	Identifies the <i>Version</i> of the UN/EDIFACT data element 3055 code list.
<b>Identifier. Content</b>	string	A character string to identify and distinguish uniquely, one instance of an object in an identification scheme from all other objects within the same scheme	
<b>Indicator. Content</b>	string	The value of the indicator	For example on, off, true, false
<b>Indicator. Format. Text</b>	String	Whether the indicator is numeric, textual or binary	
<b>Language. Identifier</b>	string	The identifier of the language used in the corresponding text string	Reference ISO 639: 1998
<b>Language. Locale. Identifier</b>	string	The identification of the locale of the language.	
<b>Measure. Content</b>	decimal	The numeric value determined by measuring an object.	For example, 24.387 kilograms (24.387 is the Measure.

			Content)
<b>Measure Unit. Code</b>	string	The type of unit of measure	Reference UN/ECE Rec. 20 and X12 355.
<b>Measure Unit. Code List Version. Identifier</b>	string	The <i>Version</i> of the measure unit code list.	
<b>Numeric. Content</b>	As defined by <b>Numeric.</b> <b>Format. Text</b>	Numeric information that is assigned or is determined by calculation, counting or sequencing.	May be decimal
<b>Numeric. Format. Text</b>	string	Whether the number is an integer, decimal, real number or percentage	
<b>Quantity. Content</b>	decimal	A counted number of nonmonetary units possibly including fractions.	For example 7 bales (7 is the Quantity. Content)
<b>Quantity. Unit. Code</b>	string	The unit of the quantity	May use UN/ECE Rec. 20
<b>Quantity Unit. Code List Agency. Identifier</b>	string	The identification of the agency which maintains the quantity unit code list	
<b>Quantity Unit. Code List. Identifier</b>	string	The quantity unit code list.	Defaults to the UN/EDIFACT data element 3055 code list.
<b>Quantity Unit. Code List Agency Name. Text</b>	string	The name of the agency which maintains the quantity unit code list.	
<b>Text. Content</b>	string	A character string (i.e. a finite set of characters) generally in the form of words of a language.	

## 2.3 Catalogue of Core Components

UID	Dictionary Entry Name	CCT Used	Basic or Aggregate	Definition	Remarks	Object Class	Property Term	Representation Term	Business Terms	Core Component Children
000024	Address. Type. Code	Code. Type	Basic	The type of the address.	For example a business address or a home address. Not the Role of the address.	Address	Type	Code		
000147	Base Charge Price. Quantity	Quantity. Type	Basic	The base quantity of the charge/price unit amount.	For example, for a charge of \$5/day for 10 days, the charge base quantity is 1 day.	Base Charge Price	Quantity*	Quantity		
000139	Base. Currency. Code	Code. Type	Basic	The currency that is on the 'one unit' side of the rate of exchange.	The base currency amount divided by the currency exchange rate gives the second currency amount.	Base	Currency	Code		
000012	Birth. Date	Date Time. Type	Basic	The date on which a person was born.	Applies only to parties being natural persons.	Birth	Date*	Date		
000040	Block. Identifier	Identifier. Type	Basic	A group of buildings bounded by (usually four) streets.		Block	Identification *	Identifier	Block number	
000034	Building. Identifier	Identifier. Type	Basic	The identification of a building within a group of buildings that have the same street number identifier.	For example a building name or number on a campus or within a company.	Building	Identification *	Identifier		
000035	Building. Name	Text. Type	Basic	The name of the building or house.		Building	Name*	Name	House Name	
000127	Charge Price. Amount	Amount. Type	Basic	The amount of money expected, required, or given in payment for something.		Charge Price	Amount*	Amount	price amount	
000143	Charge Price. Description. Text	Text. Type	Basic	Text providing information on the charge/price.	This text may cover information which is in addition to the structured	Charge Price	Description	Text		

					information but cannot be provided within the given structure					
000122	Charge Price. Details	n/a	Aggregate	Information about the amount of money expected, required, or given in payment for something.		Charge Price		Details		<ul style="list-style-type: none"> <li>• Charge Price. Amount (000127)</li> <li>• Charge Price. Description. Text (000143)</li> <li>• Charge Price. Tax Inclusion. Indicator (000130)</li> <li>• Percentage Charge Price. Details (000126)</li> <li>• Unit Charge Price. Details (000125)</li> </ul>
000144	Charge Price. Percent	Numeric. Type	Basic	The percentage applied to the chargeable amount to find the charge/price amount.		Charge Price	Percent*	Percent		
000130	Charge Price. Tax Inclusion. Indicator	Indicator. Type	Basic	An indicator specifying if the charge/price includes tax.		Charge Price	Tax Inclusion	Indicator		
000145	Chargeable. Amount	Amount. Type	Basic	The amount on which the charge is made.		Chargeable	Amount*	Amount		
000121	Chargeable. Quantity	Quantity. Type	n/a	The quantity on which the charge or price is made.	For example, for a charge of \$5/day for 10 days, the chargeable quantity is 10 days.	Chargeable	Quantity*	Quantity		
000050	Communication Number. Details	n/a	Aggregate	The information for one communication number or virtual address.		Communication Number		Details		<ul style="list-style-type: none"> <li>• Communication. Type. Code (000052)</li> <li>• Communication. Mode. Code (000053)</li> <li>• Communication. Identifier (000055)</li> <li>• Telephone. Country. Identifier (000057)</li> <li>• Telephone area. Identifier (000058)</li> <li>• Telephone Subscriber. Identifier (000059)</li> <li>• Telephone Extension. Identifier (000060)</li> </ul>

000055	Communication . Identifier	Identifier. Type	Basic	The number or virtual address of communication.	Can be used to identify a phone number as a single string.	Communication	Identification *	Identifier	International Significant (telecommunication) Number (ISN)	
000053	Communication . Mode. Code	Code. Type	Basic	The way or manner in which the communication is made.	For example fax, phone, email, http, https, ...	Communication	Mode	Code		
000052	Communication . Type. Code	Code. Type	Basic	The type of communication details.	For example home or business.	Communication	Type	Code		
000032	Country. Identification. Code	Code. Type	Basic	A nation with its own government	Reference ISO 3166.	Country	Identification	Code		
000043	County. Identifier	Identifier. Type	Basic	A territorial division of some countries, forming the chief unit of local administration.		County	Identification *	Identifier		
000136	Currency Exchange. Details	n/a	Aggregate	Details needed or used to make an exchange of an amount from one currency to another.		Currency Exchange		Details		<ul style="list-style-type: none"> <li>• Source. Currency. Code (000137)</li> <li>• Target. Currency. Code (000138)</li> <li>• Base. Currency. Code (000139)</li> <li>• Currency Exchange. Rate (000120)</li> <li>• Source Currency. Scale. Value (000140)</li> <li>• Target Currency. Scale. Value (000141)</li> <li>• Exchange. Rate. Date Time (000142)</li> </ul>
000120	Currency. Exchange. Rate	Numeric. Type	Basic	The rate at which the currency exchange is calculated.		Currency	Exchange	Rate	conversion rate	
000133	Currency. Identification. Code	Code. Type	Basic	The currency of money.	Uses values from ISO 4217.	Currency	Identification	Code		
000041	District Sub-	Identifier.	Basic	A sub-division of a	May be provided	District sub-	Identification	Identifier	Sub-Area	

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	division. Identifier	Type		district.	in the form of a name.	division	*		Name	
000028	District. Name	Text. Type	Basic	A part of a town or region.		District	Name*	Name	Area Name	
000170	Exchange Contract. Reference. Identifier	Identifier. Type	Basic	A reference or pointer to a document defining the conditions and rates under which an exchange of currencies occurs.		Exchange contract	Reference	Identifier		
000142	Exchange. Rate. Date time	Date Time. Type	Basic	The date and time of the exchange rate.		Exchange	Rate	Date Time		
000085	Financial Account Nickname. Name	Text. Type	Basic	Familiar name given to a financial account as well as the account name.		Financial Account Nickname	Name*	Name		
000084	Financial Account Product. Type. Identifier	Identifier. Type	Basic	The type of financial account product.	For example a Savings Plus.	Financial Account Product	Type	Identifier		
000080	Financial Account. Country. Code	Code. Type	Basic	The country in which the financial account is held.		Financial Account	Country	Code		
000081	Financial Account. Currency. Code	Code. Type	Basic	The currency of the financial account.		Financial Account	Currency	Code		
000010	Financial Account. Details	n/a	Aggregate	A service through a bank or other organisation through which funds are held on behalf of a client or goods or services are supplied on credit.	Not a general ledger.	Financial Account		Details		<ul style="list-style-type: none"> <li>Financial Account. Identifier (000077)</li> <li>Financial Account. Name (000078)</li> <li>Financial Account. Country. Code (000080)</li> <li>Financial Account. Currency. Code (000081)</li> <li>Financial Account Product. Type. Identifier (000084)</li> <li>Financial Account Nickname. Name (000085)</li> </ul>
000077	Financial Account. Identifier	Identifier. Type	Basic	The identifier of the financial account.		Financial Account	Identification *	Identifier	account number	
000078	Financial	Text.	Basic	Full name of a	Which usually	Financial	Name*	Name		

	Account. Name	Type		financial account.	identifies the ownership of the account	Account				
000038	Floor. Identifier	Identifier. Type	Basic	A floor or storey within a building.		Floor	Identification *	Identifier	Floor number	
000135	Line. Identifier	Identifier. Type	Basic	The line number of a document, record or file.	For example the line number of an invoice.	Line	Identification *	Identifier		
000063	Location. Description. Text	Text. Type	Basic	A free text description of the location		Location	Description	Text		
000006	Location. Details	n/a	Aggregate	A particular geographical place or position.		Location		Details		<ul style="list-style-type: none"> <li>• Location. Identification. Code (000061)</li> <li>• Location. Type. Code (000062)</li> <li>• Location. Description. Text (000063)</li> </ul>
000061	Location. Identification. Code	Code. Type	Basic	The identifier of a location.		Location	Identification	Code		
000062	Location. Type. Code	Code. Type	Basic	An identification of the type of location	For example an airport or train station.	Location	Type	Code		
000039	Lot. Identifier	Identifier. Type	Basic	An identification of an allotment of land.		Lot	Identification *	Identifier	lot number, plot number	
000037	Mail Delivery. Sub-location. Identifier	Identifier. Type	Basic	A specific place to deliver mail within a predefined postal address.		Mail Delivery	Sub-location	Identifier	Mailstop	
000097	Organisation Registration. Country. Code	Code. Type	Basic	The country in which an organisation is registered.		Organisation Registration	Country	Code		
000015	Organisation Registration. Date	Date Time. Type	Basic	The date on which an organisation was first registered with a governing body.		Organisation Registration	Date*	Date	founded date time	
000096	Organisation. Details	n/a	Aggregate	An organised body such as a business, government body, department, charity, etc.		Organisation		Details		<ul style="list-style-type: none"> <li>• Organisation. Name (000115)</li> <li>• Organisation Registration. Country. Code (000097)</li> <li>• Organisation Registration. Date (000015)</li> <li>• Organisation. Tax. Identifier</li> </ul>

										(000013)
000115	Organisation. Name	Text. Type	Basic	The text used to identify an organisation, the organisation's name.		Organisation	Name*	Name		
000013	Organisation. Tax. Identifier	Identifier. Type	Basic	The registered national tax identification of an organisation.	For example VAT Number or company registration number. Does not apply to parties being natural persons.	Organisation	Tax	Identifier		
000165	Packaging. Details	n/a	Aggregate	Information related to an object or group of objects wrapped or packed		Packaging		Details		<ul style="list-style-type: none"> <li>• Packaging. Type. Code (000166)</li> <li>• Object. Count. Value (000167)</li> <li>• Position. Object. Code (000168)</li> <li>• Packaging. Material. Code (000169)</li> </ul>
000168	Object. Position. Code	Code. Type	Basic	Positional location of an object or groups of objects	For example, inner, outer	Object	Position	Code		
000169	Packaging. Material. Code	Code. Type	Basic	Identification of the packaging material	For example, wood, paper, plastic	Packaging	Material	Code		
000167	Object. Count. Value	Numeric. Type	Basic	Number of objects or groups of objects		Object	Count	Value		
000166	Packaging. Type. Code	Code. Type	Basic	Identification of the packaging type	For example box, barrel or bottle. Reference UN/ECE Recommendation #21	Packaging	Type	Code		
000009	Party. Description. Text	Text. Type	Basic	Text providing information on the party.	This text may cover information which is in addition to the structured information but cannot be provided within the given structure	Party	Description	Text		
000001	Party. Details	n/a	Aggregate	Details of an individual, a group or a body having a		Party		Details		<ul style="list-style-type: none"> <li>• Party. Identifier (000016)</li> <li>• Party. Description. Text (000009)</li> </ul>

				role in a business function.						<ul style="list-style-type: none"> <li>Party. Type. Code (000002)</li> <li>Person. Details (000095)</li> <li>Organisation. Details (000096)</li> </ul>
000016	Party. Identifier	Identifier. Type	Basic	A character string used to uniquely identify and distinguish a party.		Party	Identification *	Identifier		
000002	Party. Type. Code	Code. Type	Basic	The characteristics of a party which is independent of its role.	this can be used to distinguish legal entities from individual persons or a group of people	Party	Type	Code		
000083	Payment Card. Expiration. Date	Date Time. Type	Basic	The expiration date of a payment card of an account.		Payment card	Expiration	Date		
000126	Percentage Charge Price. Details	n/a	Aggregate	A financial liability calculated using a percentage charge.		Percentage Charge Price		Details		<ul style="list-style-type: none"> <li>Charge price. Percent (000144)</li> <li>Chargeable. Amount (000145)</li> </ul>
000095	Person. Details	n/a	Aggregate	A human being regarded as an individual.		Person		Details		<ul style="list-style-type: none"> <li>Person. Name (000098)</li> <li>Person. Tax. Identifier (000014)</li> <li>Birth. Date (000012)</li> <li>Person. Given. Name (000018)</li> <li>Person. Middle. Name (000019)</li> <li>Person. Surname. Name (000020)</li> <li>Person. Gender. Code (000021)</li> <li>Person. Nationality. Code (000113)</li> <li>Person. Name Prefix. Code (000022)</li> <li>Person. Name Suffix. Code (000114)</li> </ul>
000021	Person. Gender. Code	Code. Type	Basic	The gender of a person.	This applies only to parties being natural persons	Person	Gender	Code		
000018	Person. Given. Name	Text. Type	Basic	The given name, first name, Christian name or moniker of a person.	This applies only to parties being natural persons	Person	Given (Name*)	Name		

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000019	Person. Middle. Name	Text. Type	Basic	The middle name(s) or initial(s) of a person.	This applies only to parties being natural persons	Person	Middle (Name*)	Name		
000098	Person. Name	Text. Type	Basic	The full name of a person.	Expressed in a single string.	Person	Name*	Name		
000022	Person. Name prefix. Code	Code. Type	Basic	A title that prefixes a persons name.	For example Mr, Mrs, Dr, or Sir.	Person	Name Prefix	Code		
000114	Person. Name suffix. Code	Code. Type	Basic	A title that follows a persons name.	For example 3 <sup>rd</sup> , junior, BSc, or Esq.	Person	Name Suffix	Code		
000113	Person. Nationality. Code	Code. Type	Basic	The identification of a nation that a person belongs to.		Person	Nationality	Code		
000020	Person. Surname. Name	Text. Type	Basic	The surname, last name or family name of a person.	This applies only to parties being natural persons	Person	Surname (Name*)	Name		
000014	Person. Tax. Identifier	Identifier. Type	Basic	The registered national tax identification of a person.	Applies only to parties being natural persons.	Person	Tax	Identifier	Social Security Number, National Insurance Number	
000031	Post Code. Identifier	Identifier. Type	Basic	A group of letters and/or numbers which are added to a postal address to assist the sorting of mail.		Post code	Identification *	Identifier	Zip Code	
000033	Post Office Box. Identifier	Identifier. Type	Basic	A numbered box in a post office assigned to a person or organisation where letters for them are kept until called for.		Post Office Box	Identification *	Identifier	PO Box	
000005	Postal Address. Details	n/a	Aggregate	The collection of information which locates and identifies a specific address as defined by postal services	The address will be limited depending on the context in which it is used.	Postal Address		Details		<ul style="list-style-type: none"> <li>• Address. Type. Code (000024)</li> <li>• Street Building. Identifier (000026)</li> <li>• Street. Name (000027)</li> <li>• District. Name (000028)</li> <li>• Town. Name (000029)</li> <li>• State. Identifier (000030)</li> <li>• Post Code. Identifier (000031)</li> </ul>

										<ul style="list-style-type: none"> <li>• Country. Code (000032)</li> <li>• Post Office Box. Identifier (000033)</li> <li>• Building. Identifier (000034)</li> <li>• Building. Name (000035)</li> <li>• Suite. Identifier (000036)</li> <li>• Mail Delivery. Sub-location. Identifier (000037)</li> <li>• Floor. Identifier (000038)</li> <li>• Lot. Identifier (000039)</li> <li>• Block. Identifier (000040)</li> <li>• District Sub-division. Identifier (000041)</li> <li>• Region. Identifier (000042)</li> <li>• County. Identifier (000043)</li> <li>• Postal Address. First line. Text (000045)</li> <li>• Postal Address. Second Line. Text (000046)</li> <li>• Postal Address. Third Line. Text (000047)</li> <li>• Postal Address. Fourth Line. Text (000048)</li> <li>• Postal Address. Fifth Line. Text (000049)</li> </ul>
000045	Postal Address. First Line. Text	Text. Type	Basic	A first free format line of a postal address.		Postal Address	First line	Text		
000046	Postal Address. Second Line. Text	Text. Type	Basic	The second free format line of a postal address.		Postal Address	Second Line	Text		
000047	Postal Address. Third Line. Text	Text. Type	Basic	The third free format line of a postal address.		Postal Address	Third Line	Text		
000048	Postal Address. Fourth Line. Text	Text. Type	Basic	The fourth free format line of a postal address.		Postal Address	Fourth Line	Text		
000049	Postal Address. Fifth Line. Text	Text. Type	Basic	The fifth free format line of a postal address.		Postal Address	Fifth Line	Text		
000163	Product Service Classification. Identifier	Identifier. Type	Basic	A character string to identify and distinguish uniquely, one		Product Service Classification	Identification *	Identifier		

				product/service classification from another.						
000160	Product Service End. Date Time	Date Time. Type	Basic	A date and/or time on which a product/service ends.		Product Service end	Date*	Date time		
000159	Product Service Start. Date Time	Date Time. Type	Basic	A date and/or time on which a product/service starts.		Product Service Start	Date*	Date time		
000156	Product Service. Identifier	Identifier. Type	Basic	A character string used to uniquely identify and distinguish a product/service.		Product Service	Identification *	Identifier		
000158	Product Service. Description. Text	Text. Type	Basic	A textual description of the product/service.		Product Service	Description	Text		
000155	Product Service. Details	n/a	Aggregate	A thing or substance produced by natural process or manufacturer and or a provision or system of supplying a need.		Product Service		Details		<ul style="list-style-type: none"> <li>Product Service. Identifier (000156)</li> <li>Product Service. Type. Code (000157)</li> <li>Product Service. Description. Text (000158)</li> <li>Product Service. Start. Date Time (000159)</li> <li>Product Service. End. Date Time (000160)</li> <li>Product Service Classification. Identifier (000163)</li> </ul>
000157	Product Service. Type. Code	Code. Type	Basic	An identification of the type of product/service.	UN/ECE UNSPC code list	Product Service	Type	Code		
000042	Region. Identifier	Identifier. Type	Basic	An administrative division of a country, state or territory.		Region	Identification *	Identifier		
000137	Source. Currency... Code	Code. Type	Basic	Code identifying the currency from which the exchange is being made.		Source	Currency	Code		
000140	Source Currency. Scale. Value	Numeric. Type	Basic	The base of the source currency expressed as 1, 10,	Used when the source currency is on the 'one unit'	Source Currency	Scale	Value		

				100 or 1000 depending on the scale for the monetary unit.	side of a rate of exchange.					
000030	State. Identifier	Identifier. Type	Basic	An organised political community or area forming a part of a federation.		State	Identification *	Identifier	Province, Department	
000026	Street Building. Identifier	Identifier. Type	Basic	A number that identifies the position of a building on a street.		Street Building	Identification *	Identifier	Building Number, House Number, Address Number	
000027	Street. Name	Text. Type	Basic	The name of a street or thoroughfare.		Street	Name*	Name	Road	
000036	Suite. Identifier	Identifier. Type	Basic	The identification of a suite or apartment.		Suite	Identification *	Identifier	apartment number	
000138	Target. Currency. Code	Code. Type	Basic	Code identifying the currency to which the exchange is being made.		Target	Currency	Code		
000141	Target Currency. Scale. Value	Numeric. Type	Basic	The base of the target currency expressed as 1, 10, 100 or 1000 depending on the scale for the monetary unit.	Used when the target currency is on the 'one unit' side of a rate of exchange.	Target Currency	Scale	Value		
000149	Tax. Amount	Amount. Type	Basic	The amount of tax.		Tax	Amount*	Amount		
000151	Tax. Category. Code	Code. Type	Basic	The tax category which relates an item to the rate of tax charged.	For example standard, exempt, or zero rated.	Tax	Category	Code		
000150	Tax. Description. Text	Text. Type	Basic	Text providing information on the tax.	This text may cover information which is in addition to the structured information but cannot be provided within the given structure	Tax	Description	Text		
000148	Tax. Details	n/a	Aggregate	A compulsory contribution to		Tax		Details		• Tax. Amount (000149)

				governmental revenue, levied on personal income and business profits or added to the cost of some goods, services, and transactions.						<ul style="list-style-type: none"> <li>• Tax. Description. Text (000150)</li> <li>• Tax. Category. Code (000151)</li> <li>• Tax. Percentage (000171)</li> <li>• Taxable. Amount (000172)</li> </ul>
000171	Tax. Percent	Numeric. Type	Basic	The percentage applied to the taxable amount to find the tax amount.		Tax	Percent*	Percent		
000172	Taxable. Amount	Amount. Type	Basic	The amount on which tax at this rate is calculated.	Allows for one price charge to have different rates of tax applied to it.	Taxable	Amount*	Amount		
000058	Telephone Area. Identifier	Identifier. Type	Basic	The telephone identifier for a geographical area within a country.		Telephone area	Identification *	Identifier	Area Code, National Destination Cod	
000057	Telephone Country. Identifier	Identifier. Type	Basic	The telephone identifier for a country.	Reference International Telecommunications Union (ITU) E.164.	Telephone country	Identification *	Identifier	Country Code	
000060	Telephone Extension. Identifier	Identifier. Type	Basic	A subsidiary telephone with it's own additional number as an extension of a subscriber identifier.		Telephone extension	Identification *	Identifier		
000059	Telephone Subscriber. Identifier	Identifier. Type	Basic	The telephone identifier for a subscriber within a geographical area.		Telephone subscriber	Identification *	Identifier	Subscriber Number, Local Phone Number	
000029	Town. Name	Text. Type	Basic	A built up area with a name, defined boundaries and a local government.		Town	Name*	Name	Community, City, Village	
000117	Transport Means. Identification.	Code. Type	Basic	Identification of a means of transport.	For example the vessel call sign or vehicle registration.	Transport means	Identification	Code		

	Code									
000118	Transport Means. Name	Text. Type	Basic	The name of the means of transport.	For example the vessel name.	Transport means	Name*	Name		
000119	Transport Means. Nationality. Code	Code. Type	Basic	The nationality of the means of transport.		Transport Means	Nationality	Code		
000132	Transport Method. Code	Code. Type	Basic	Method of transport used for the conveyance of goods or persons	For example, by air, by rail, by sea.	Transport	Method	Code	transport mode code	
000164	Transport Stage. Code	Code. Type	Basic	Identification of a stage of transport. A stage in a journey.	For example, pre-carriage, main carriage, on-carriage	Transport	Stage	Code		
000116	Transport. Means. Details	n/a	Aggregate	Vehicle used for the conveyance of goods or persons	For example information about a truck or tanker.	Transport Means		Details		<ul style="list-style-type: none"> <li>• Transport means. Identification. Code (000117)</li> <li>• Transport Means. Name (000118)</li> <li>• Transport Means. Nationality. Code (000119)</li> </ul>
000146	Unit Charge Price. Amount	Amount. Type	n/a	The charge/price amount per unit.	For example, for a charge of \$5/day for 10 days, the charge unit amount is \$5.	Unit Charge Price	Amount*	Amount		
000125	Unit Charge Price. Details	n/a	Aggregate	A financial liability calculated using a per unit charge or price for a quantity.	For example US dollars per day.	Unit Charge Price		Details		<ul style="list-style-type: none"> <li>• Unit Charge Price. Amount (000146)</li> <li>• Base Charge Price. Quantity (000147)</li> <li>• Chargeable. Quantity (000121)</li> </ul>

### 3. Core Components volgens "DataTuin"

De Kern blokken volgens "DataTuin" zijn de blokken die niet binnen ebXML voorkomen en die een duidelijke agrarische oorsprong hebben.

UID	Dictionary Entry Name	CCT Used	Basic or Aggregate	Definition	Remarks	Object Class	Property Term	Representation Term	Business Terms	Core Component Children
	Additive. Class. Code	Code. Type	Basic	Soort additief		Additive	Class	Code		
	Additive. Brand. text	Text. Type	Basic	Merksnaam		Additive	Brand	Text		
	Additive. Safetyterm	Datetime. Type	Basic	Veiligheidstermijn		Additive	SafetyTerm	DateTime		
	Additive. Quantity	Measure. Type	Basic	Toegepaste hoeveelheid		Additive	Quantity	Measure		
	Additive. Details	n/a	Aggregate	Toevoeging van een stof welke door een "treatment" wordt gedaan.	Het additief kan meerdere substances bevatten om zodoende stoffen te kunnen beschrijven die uit meerdere substanties bestaan.	Additive		Details		<ul style="list-style-type: none"> <li>▪ Additive. Class. Code</li> <li>▪ Substance. Details</li> <li>▪ Additive. Brandtext</li> <li>▪ Additive. Safetyterm</li> <li>▪ Additive. Quantity</li> </ul>
	Calamity. Identifier	Identifier type	Basic	Identificatie calamiteit		Calamity	Identification *	Identifier		
	Calamity. Type. Code	Code Type	Basic	Code van de calamiteit		Calamity	Type	Code		
	Calamity. Measure	Measure type	Basic	Mate van.		Calamity	Measure *	Measure		
	Calamity. period	Datetime type	Basic	Periode van calamiteit		Calamity	Period	Datetime		
	Calamity. Description	Text type	Basic	Omschrijving		Calamity	Description	Text		
	Calamity. Details	n/a	Aggregate	Een calamity blok beschrijft een calamiteit, waarbij de typecode refereert naar het soort calamiteit zoals glasbreuk of olielek.		Calamity		Details		<ul style="list-style-type: none"> <li>▪ calamity. identifier</li> <li>▪ calamity. type. Code</li> <li>▪ calamity. measure</li> <li>▪ location. details</li> <li>▪ calamity. period</li> <li>▪ calamity. description</li> </ul>
	Culture. Identifier	Identifier	Basic	Identificatie van de		Culture	Identifier*	Identifier		

		Type		teelt.						
	Culture. period	DateTime Type	Basic	Periode	van start tot oogst	Culture	Period	Datetime		
	Culture. Details	n/a	Aggregate	Een culture blok beschrijft een teelt met de uitgangssituatie en alle behandelingen die in de loop der tijd zijn gedaan		Culture		Details		<ul style="list-style-type: none"> <li>▪ Identifier</li> <li>▪ Premises</li> <li>▪ Startmaterial. Details</li> <li>▪ Growing. Details</li> <li>▪ Culture. Period</li> <li>▪ Observation. Details</li> <li>▪ Calamity. Details</li> <li>▪ Treatment. Details</li> </ul>
	Delivery. DateTime	DateTime Type	Basic	Afleverdatum en Tijd		Delivery	Date*	DateTime		
	Delivery. Details	n/a	Aggregate	Aflevering		Delivery		Details		<ul style="list-style-type: none"> <li>▪ Location. Details</li> <li>▪ Delivery. DateTime</li> </ul>
	Environment. Code	Code Type	Basic	Gewasgroepcode of Energietoepassings code		Environment	Code*	Code		
	Equipment. Type. Code	Code Type	Basic	Type apparatuur		Equipment	Type	Code		
	Equipment. Description	Code Type	Basic	Omschrijving apparatuur		Equipment	Description	Code		
	Equipment. Part. Identifier	Identifier Type	Basic	Identificatie van een apparaat of machine of een onderdeel hiervan		Equipment	Part	Identifier		
	Equipment. Details	n/a	Aggregate	Een equipment blok bevat een machine met al haar onderdelen welke elk ook weer een equipment zijn.		Equipment		Details		<ul style="list-style-type: none"> <li>▪ Equipment. Part. Identifier</li> <li>▪ Equipment. Details</li> <li>▪ Equipment. Type. Code</li> <li>▪ Equipment. Description</li> <li>▪ Observation. Details</li> <li>▪ Calamity. Details</li> <li>▪ Treatment. Details</li> </ul>
	Growing. Type. Code	Code Type	Basic	Vorm van gewas		Growing	Type	Code		
	Growing. Description. Text	Text Type	Basic	Omschrijving		Growing	Description	Text		
	Growing. Details	n/a	Aggregate	Een Growing blok be- schrijft een ras of ge- was volgens de gang- bare codelijsten voor gewassen en rassen sector-onafhankelijk		Growing		Details		<ul style="list-style-type: none"> <li>▪ Growing. Type. Code</li> <li>▪ Growing. Description. Text</li> </ul>
	Growingplan. Period	DateTime Type	Basic	Datum van		Growingplan	Period	DateTime		
	Growingplan. Area.	Measure	Basic	Oppervlakte		Growingplan	Area	Measure		

	Measure	Type								
	Growingplan. Details	n/a	Aggregate	Het growingplan blok beschrijft het teeltplan waarbij voor elk gewas periode en oppervlakte opgegeven wordt		Growingplan		Details		<ul style="list-style-type: none"> <li>▪ Growingplan. Period</li> <li>▪ Growingplan. Area. Measure</li> </ul>
	Illness. Code	Code Type	Basic	Identificatie van de ziekte		Illness	Code*	Code		
	Illness. Description	Text Type	Basic	Omschrijving van de ziekte		Illness	Description	Text		
	Illness. period	DateTime Type	Basic	Periode van ziekte		Illness	Period	DateTime		
	Illness. Details	n/a	Aggregate	Het illness blok bevat gegevens die ziektes beschrijven die personeel heeft gehad of heeft, mits dit van invloed is op de gewassen		Illness		Details		<ul style="list-style-type: none"> <li>▪ Illness. Code</li> <li>▪ Illness. Description</li> <li>▪ Illness. Period</li> </ul>
	LineItem. Identifier	Identifier Yupe	Basic	Regelidentificatie		LineItem	Identiefier*	Identifier		
	LineItem. Details	n/a	Aggregate	Het lineitem blok bevat alle gegevens die in een product omschrijven met transactie en beweging gegevens						<ul style="list-style-type: none"> <li>▪ LineItem. Identifier</li> <li>▪ Order. ChargePrice. Details</li> <li>▪ Product. Details</li> <li>▪ Product. Quantity</li> <li>▪ Product. Property. Details</li> <li>▪ Packaging. Details</li> <li>▪ LineItem. Details</li> <li>▪ Delivery. Details</li> </ul>
	Lot. Identifier	Identifier Type	Basic	Partij identificatie		Lot	Identifier*	Identifier		
	Lot. Quantity	Measure Type	Basic	Hoeveelheid		Lot	Quantity	Measure		

	Lot. Details	n/a	Aggregate	Het lot blok bevat alle partij gegevens, waarbij de partij afgeleid is van een teelt of van een andere partij. Een		Lot		Details		<ul style="list-style-type: none"> <li>▪ Lot. Identifier</li> <li>▪ Lot. Details</li> <li>▪ Lot. Quantity</li> <li>▪ Culture. Details</li> <li>▪ Observation. Details</li> </ul>
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				partij kan opgeslagen zijn en nog behandelingen hebben ondergaan. De observations kunnen bijvoorbeeld (temperatuur)metingen zijn in de koelcel						<ul style="list-style-type: none"> <li>▪ Calamity. Details</li> <li>▪ Treatment. Details</li> <li>▪ Storage. Details</li> </ul>
	Meteo. Type. Code	Code Type	Basic	Weercode volgens metecodetabellen		Meteo	Type	Code		
	Observation. Identifier	Identifier Type	Basic	Partij identificatie		Observation	Identifier*	Identifier		
	Observation. Type. Code	Code type	Basic	Type waarneming		Observation	Type	Code		
	Observation. Measure	Measure type	Basic	Waarde Waargenomene		Observation	Measure*	Measure		
	Observation. Period	DateTime type	Basic	Periode waarneming		Observation	Period	DateTime		
	Observation. Description	Text type	Basic	Beschrijving van het waargenomene		Observation	Description	Text		
	Observation. Details	n/a	Aggregate	Het observation blok beschrijft een waarneming gedaan door een medewerker of apparatuur welke een meetwaarde oplevert en een behandeling tot gevolg kan hebben		Observation		Details		<ul style="list-style-type: none"> <li>▪ Observation. Identifier</li> <li>▪ Observation. Type. Code</li> <li>▪ Observation. Measure</li> <li>▪ Observation. Period</li> <li>▪ Observation. Description</li> <li>▪ Worker. Details</li> <li>▪ Equipment. Details</li> <li>▪ Treatment. Details</li> </ul>
	Premises. Details	n/a	Aggregate	Het blok premises beschrijft het perceel of de afdeling welke onderdeel kan zijn van een perceel of inrichting of een vestiging.		Premises		Details		<ul style="list-style-type: none"> <li>▪ Premises. Details</li> <li>▪ Location. Details</li> <li>▪ Observation. Details</li> <li>▪ Calamity. Details</li> <li>▪ Treatment. Details</li> </ul>
	Property. Code	Code Type	Basic	Soort eigenschap		Property	Code*	Code		
	Property. Value. Text	Text Type	Basic	Waarde van de eigenschap		Property	Value	Text		
	Property. Details	n/a	Aggregate	Eigenschappen van een product of party		Property		Details		<ul style="list-style-type: none"> <li>▪ Property. Code</li> <li>▪ Property. Value. Text</li> </ul>
	Registration. Year	DateTime Type	Basic	Registratiejaar		Registration	Year	DateTime		
	ResiduAnalysis.	n/a	Aggregate	Residu analyse van monsters		ResiduAnalysis		Details		<ul style="list-style-type: none"> <li>▪ Sample. Type</li> <li>▪ Sample. Date</li> </ul>

	Details									<ul style="list-style-type: none"> <li>▪ Sample. Identifier</li> <li>▪ Analysis. Party. Details</li> <li>▪ Residu. Details</li> </ul>
	Residu. Details	n/a	Aggregate	Gemeten residu waarden		Residu		Details		<ul style="list-style-type: none"> <li>▪ Substance. Details</li> <li>▪ Residu. Measure</li> <li>▪ Residu. Tolerance</li> </ul>
	Residu. Measure	Measure Type	Basic	Meetwaarde van een stof		Residu		Measure		
	Residu. Tolerance	Measure Type	Basic	Tolerantie ten behoeve van een meetwaarde		Residu		Measure		
	Sample. Date	DateTime Type	Basic	Datum en tijdstip van een monstername		Sample		Date		
	Sample. Identifier	Identifier Type	Basic	Identificatie van een monster		Sample		Identifier		
	Sample. Type	Code Type	Basic	Soort monster		Sample		Type		
	Startmater. Type. Code	Code Type	Basic	Soort uitgangsmateriaal		Startmater	Type	Code		
	Startmater. Certificate. Code	Code Type	Basic	Gezondheidscertificaat		Startmater	Certificate	Code		
	Startmater. Details	n/a	Aggregate	Het blok start-materiaal beschrijft het start-materiaal wat gebruikt is voor een teelt, de typecode geeft aan of het zaad is of pootgoed of een boom		Startmater		Details		<ul style="list-style-type: none"> <li>▪ Startmater. Type. Code</li> <li>▪ Startmater. Certificate. Code</li> <li>▪ Growing. Details</li> <li>▪ Supplier. Party. Details</li> </ul>
	Storage. Period	DateTime Type	Basic	Opslagperiode		Storage	Period	DateTime		
	Storage. Details	n/a	Aggregate	Het blok storage wordt gebruikt om opslag van partijen vast te leggen en de daarbij gepaarde waarnemingen en behandelingen		Storage		Details		<ul style="list-style-type: none"> <li>▪ Storage. period</li> <li>▪ Location. Details</li> <li>▪ Calamity. Details</li> <li>▪ Observation. Details</li> <li>▪ Treatment. Details</li> </ul>
	Substance. Code	Code. Type	Basic	code van ingrediënt of stof		Substance	Code*	Code		
	Substance. Quantity	Measure. Type	Basic	Hoeveelheid ingrediënt of stof		Substance	Quantity	Measure		
	Substance. Details	n/a	Aggregate	Ingrediënt of stof		Substance				<ul style="list-style-type: none"> <li>▪ Substance. Code</li> <li>▪ Substance. Quantity</li> </ul>
	Treatment. Type. Code	Code type	Basic	Type behandeling		Treatment	type	Code		
	Treatment. Identifier	Identifier	Basic	Identificatie van een		Treatment	Identifier*	Identifier		

		Type		behandeling						
	Treatment. Method. Code	Code type	Basic	Behandeling		Treatment	Method	Code		
	Treatment. Object	Measure type	Basic	Opervlak		Treatment	Object	Measure		
	Treatment. Target Description	Text type	Basic	Doelstelling behandeling		Treatment	TargetDescription	Text		
	Treatment. Period	DateTime type	Basic	Periode van behandeling		Treatment	Period	DateTime		
	Treatment. Details	n/a	Aggregate	Dit blok beschrijft handelingen die gedaan kunnen worden door personen en/of apparatuur waarbij ook toevoegingen gedaan kunnen worden en het doel vastgelegd		Treatment		Details		<ul style="list-style-type: none"> <li>▪ Treatment. Identifier</li> <li>▪ Treatment. Type. Code</li> <li>▪ Treatment. Method. Code</li> <li>▪ Treatment. Object</li> <li>▪ Treatment. Target. Description</li> <li>▪ Treatment. Period</li> <li>▪ Meteo. Type. Code</li> <li>▪ Worker. Details</li> <li>▪ Equipment. Details</li> <li>▪ Additive. Details</li> </ul>
	Umrline. Code	Code type	Basic	Soort verbruik (N, P)		Umrline	Code*	Code		
	Umrline. Measure	Measure type	Basic	Hoeveelheid		Umrline	Measure*	Measure		
	Umrline. Details	n/a	Aggregate	De umrline is een blok die afhankelijk van de umrcode een andere meting kan bevatten. De umr-codes liggen vast als zijnde: "usage N", "usage P", "usage energy", "usage active substance", "norm N", "norm P", "norm energy", "norm active substance"		Umrline		Details		<ul style="list-style-type: none"> <li>▪ Umrline. Code</li> <li>▪ Umrline. Measure</li> </ul>
	Worker. Identifier	Identifier Type	Basic	Unieke identificatie van de werknemer		Worker		Identifier		
	Worker. Role	Code Type	Basic	De rol van de person		Worker	Role	Code		
	Worker. Certificate	Code Type	Basic	Diploma/certificaat		Worker	Certificate	Code		
	Worker. Details	n/a	Aggregate	Een worker blok beschrijft een medewerker, zijn rol met		Worker		Details		<ul style="list-style-type: none"> <li>▪ Worker. Identifier</li> <li>▪ Person. Details</li> <li>▪ Worker. Role</li> </ul>

				zijn diploma's en ziektes						<ul style="list-style-type: none"> <li>▪ Worker. Certificate</li> <li>▪ Illness. Details</li> </ul>
--	--	--	--	---------------------------	--	--	--	--	--	---

De samengestelde DataTuin componenten kunnen een “status” attribuut bevatten.  
Het gebruik van dit attribuut is als volgt gedefinieerd:

Statuscode	Omschrijving	Gebruik
1 (default)	Nieuw	Nieuw record toevoegen.
2	Wijziging	Record wijzigen, waarbij record wordt geïdentificeerd middels de unieke identifier van het component.
3	Verwijderen	Record verwijderen, waarbij record wordt geïdentificeerd middels de unieke identifier van het component.
4	Selecteren	Record opzoeken, om onderliggende nieuwe, gewijzigde of te verwijderen componenten aan te wijzen.

De volgende componenten hebben een “status” attribuut:

- additive
- calamity
- culture
- equipment
- observation
- premises
- treatment
- worker
- residuAnalysis
- residuDetails

## Bijlage 1: ebXmlCC-2\_00.xsd

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v4.1 (http://www.xmlspy.com) by Hans van Rossen (Agritect) -->
<xsd:schema targetNamespace="http://www.DataTuin.nl/ebXmlCC" xmlns:ebcc="http://www.DataTuin.nl/ebXmlCC"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified" attributeFormDefault="unqualified"
version="1.04">
  <xsd:complexType name="amount">
    <xsd:sequence>
      <xsd:element name="Content" type="xsd:decimal" minOccurs="0"/>
      <xsd:element name="currencyIdentifier" type="xsd:string" minOccurs="0"/>
      <xsd:element name="currencyCodeListVersionIdentifier" type="xsd:string" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="binaryObject">
    <xsd:sequence>
      <xsd:element name="content" type="xsd:byte" minOccurs="0"/>
      <xsd:element name="formatText" type="xsd:string" minOccurs="0"/>
      <xsd:element name="mimeType" type="xsd:string" minOccurs="0"/>
      <xsd:element name="encodingCode" type="xsd:string" minOccurs="0"/>
      <xsd:element name="characterSetCode" type="xsd:string" minOccurs="0"/>
      <xsd:element name="uniformResourceIdentifier" type="xsd:string" minOccurs="0"/>
      <xsd:element name="filenameText" type="xsd:string" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="code">
    <xsd:sequence>
      <xsd:element name="content" type="xsd:string" minOccurs="0"/>
      <xsd:element name="listIdentifier" type="xsd:string" minOccurs="0"/>
      <xsd:element name="listAgencyIdentifier" type="xsd:string" minOccurs="0"/>
      <xsd:element name="listAgencyNameText" type="xsd:string" minOccurs="0"/>
      <xsd:element name="listNameText" type="xsd:string" minOccurs="0"/>
      <xsd:element name="listVersionIdentifier" type="xsd:string" minOccurs="0"/>
      <xsd:element name="nameText" type="xsd:string" minOccurs="0"/>
      <xsd:element name="languageIdentifier" type="xsd:string" minOccurs="0"/>
      <xsd:element name="listUniformResourceIdentifier" type="xsd:string" minOccurs="0"/>
      <xsd:element name="listSchemeUniformResourceIdentifier" type="xsd:string" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="communication">
    <xsd:sequence>
      <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
      <xsd:element name="modeCode" type="ebcc:code"/>
      <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
      <xsd:element name="telephoneCountryIdentifier" type="ebcc:identifier" minOccurs="0"/>
      <xsd:element name="telephoneAreaIdentifier" type="ebcc:identifier" minOccurs="0"/>
      <xsd:element name="telephoneSubscriberIdentifier" type="ebcc:identifier" minOccurs="0"/>
      <xsd:element name="telephoneExtensionIdentifier" type="ebcc:identifier" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="packaging">
    <xsd:sequence>
      <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
      <xsd:element name="objectCountValue" type="ebcc:numeric" minOccurs="0"/>
      <xsd:element name="positionObjectCode" type="ebcc:code" minOccurs="0"/>
      <xsd:element name="materialCode" type="ebcc:code" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="chargePrice">
    <xsd:sequence>
      <xsd:element name="amount" type="ebcc:amount" minOccurs="0"/>
      <xsd:element name="descriptionText" type="ebcc:text" minOccurs="0"/>
      <xsd:element name="taxInclusionIndicator" type="ebcc:indicator" minOccurs="0"/>
      <xsd:element name="percentageChargePriceDetails" type="ebcc:percentageChargePrice" minOccurs="0"/>
      <xsd:element name="unitChargePriceDetails" type="ebcc:unitChargePrice" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="currencyExchange">
    <xsd:sequence>
      <xsd:element name="sourceCurrencyCode" type="ebcc:code" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>

```

```

    <xsd:element name="targetCurrencyCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="baseCurrencyCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="rate" type="ebcc:numeric" minOccurs="0"/>
    <xsd:element name="sourceCurrencyScaleValue" type="ebcc:numeric" minOccurs="0"/>
    <xsd:element name="targetCurrencyScaleValue" type="ebcc:numeric" minOccurs="0"/>
    <xsd:element name="exchangeRateDatetime" type="ebcc:dateTime" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="financialAccount">
  <xsd:sequence>
    <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="name" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="countryCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="currencyCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="productTypeIdentifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="nicknameText" type="ebcc:text" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="percentageChargePrice">
  <xsd:sequence>
    <xsd:element name="chargePricePercent" type="ebcc:numeric" minOccurs="0"/>
    <xsd:element name="chargeableAmount" type="ebcc:amount" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="productService">
  <xsd:sequence>
    <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="descriptionText" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="startDateTime" type="ebcc:dateTime" minOccurs="0"/>
    <xsd:element name="endDateTime" type="ebcc:dateTime" minOccurs="0"/>
    <xsd:element name="classificationIdentifier" type="ebcc:identifier" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="tax">
  <xsd:sequence>
    <xsd:element name="amount" type="ebcc:amount" minOccurs="0"/>
    <xsd:element name="descriptionText" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="categoryCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="percentage" type="ebcc:numeric" minOccurs="0"/>
    <xsd:element name="taxableAmount" type="ebcc:amount" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="transportMeans">
  <xsd:sequence>
    <xsd:element name="identificationCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="name" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="nationalityCode" type="ebcc:code" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="unitChargePrice">
  <xsd:sequence>
    <xsd:element name="amount" type="ebcc:amount" minOccurs="0"/>
    <xsd:element name="baseChargePriceQuantity" type="ebcc:quantity" minOccurs="0"/>
    <xsd:element name="chargeableQuantity" type="ebcc:quantity" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="dateTime">
  <xsd:sequence>
    <xsd:element name="content" type="xsd:string"/>
    <xsd:element name="formatText" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="identifier">
  <xsd:sequence>
    <xsd:element name="content" type="xsd:string"/>
    <xsd:element name="schemeIdentifier" type="xsd:string" minOccurs="0"/>
    <xsd:element name="schemeNameText" type="xsd:string" minOccurs="0"/>
    <xsd:element name="schemeAgencyIdentifier" type="xsd:string" minOccurs="0"/>
    <xsd:element name="schemeAgencyNameText" type="xsd:string" minOccurs="0"/>
    <xsd:element name="schemeVersionIdentifier" type="xsd:string" minOccurs="0"/>
    <xsd:element name="schemeDataUniformResourceIdentifier" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>

```

```
<xsd:element name="schemeUniformResourceIdentifier" type="xsd:string" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="location">
  <xsd:sequence>
    <xsd:element name="identification" type="ebcc:code"/>
    <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="descriptionText" type="ebcc:text" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="measure">
  <xsd:sequence>
    <xsd:element name="content" type="xsd:decimal" minOccurs="0"/>
    <xsd:element name="unitCode" type="xsd:string" minOccurs="0"/>
    <xsd:element name="unitCodeListVersionIdentifier" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="indicator">
  <xsd:sequence>
    <xsd:element name="content" type="xsd:string" minOccurs="0"/>
    <xsd:element name="formatText" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="numeric">
  <xsd:sequence>
    <xsd:element name="content" type="xsd:anySimpleType" minOccurs="0"/>
    <xsd:element name="formatText" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="quantity">
  <xsd:sequence>
    <xsd:element name="content" type="xsd:decimal" minOccurs="0"/>
    <xsd:element name="unitCode" type="xsd:string" minOccurs="0"/>
    <xsd:element name="unitCodeListIdentifier" type="xsd:string" minOccurs="0"/>
    <xsd:element name="unitCodeListAgencyIdentifier" type="xsd:string" minOccurs="0"/>
    <xsd:element name="unitCodeListAgencyNameText" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="organisation">
  <xsd:sequence>
    <xsd:element name="name" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="registrationCountryCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="registrationDate" type="ebcc:dateTime" minOccurs="0"/>
    <xsd:element name="taxIdentifier" type="ebcc:identifier" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="party">
  <xsd:sequence>
    <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="descriptionText" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="personDetails" type="ebcc:person" minOccurs="0"/>
    <xsd:element name="organisationDetails" type="ebcc:organisation" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="person">
  <xsd:sequence>
    <xsd:element name="name" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="taxIdentifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="birthDate" type="ebcc:dateTime" minOccurs="0"/>
    <xsd:element name="givenName" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="middleName" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="surName" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="genderCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="nationalityCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="namePrefixCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="nameSuffixCode" type="ebcc:code" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="postalAdress">
  <xsd:sequence>
    <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

```
<xsd:element name="streetBuildingIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="streetName" type="ebcc:text" minOccurs="0"/>
<xsd:element name="districtName" type="ebcc:text" minOccurs="0"/>
<xsd:element name="townName" type="ebcc:text" minOccurs="0"/>
<xsd:element name="stateIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="postCodeIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="countryCode" type="ebcc:code" minOccurs="0"/>
<xsd:element name="postOfficeBoxIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="buildingIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="buildingName" type="ebcc:text" minOccurs="0"/>
<xsd:element name="suiteIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="mailDeliverySubLocationIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="floorIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="lotIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="blockIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="districtSubdivisionIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="regionIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="countyIdentifier" type="ebcc:identifier" minOccurs="0"/>
<xsd:element name="postalAdressFirstLineText" type="ebcc:text" minOccurs="0"/>
<xsd:element name="postalAdressSecondLineText" type="ebcc:text" minOccurs="0"/>
<xsd:element name="postalAdressThirdLineText" type="ebcc:text" minOccurs="0"/>
<xsd:element name="postalAdressFourthLineText" type="ebcc:text" minOccurs="0"/>
<xsd:element name="postalAdressFifthLineText" type="ebcc:text" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="text">
  <xsd:sequence>
    <xsd:element name="content" type="xsd:string"/>
    <xsd:element name="languageIdentifier" type="xsd:string" minOccurs="0"/>
    <xsd:element name="languageLocaleIdentifier" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:schema>
```

## Bijlage 2: DataTuin-2\_10.xsd

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v4.1 (http://www.xmlspy.com) by Hans van Rossen (Agritect) -->
<!-- edited with XMLSPY v5 rel. 2 U (http://www.xmlspy.com) by Rudi van Vliet (Agritect) -->
<xsd:schema targetNamespace="http://www.DataTuin.nl/DataTuin" xmlns:dt="http://www.DataTuin.nl/DataTuin"
xmlns:ebcc="http://www.DataTuin.nl/ebXmlCC" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
elementFormDefault="qualified" attributeFormDefault="unqualified" version="1.0">
  <xsd:import namespace="http://www.DataTuin.nl/ebXmlCC" schemaLocation="..\ebXmlCC\ebXmlCC-2_00.xsd"/>
  <xsd:complexType name="additive">
    <xsd:sequence>
      <xsd:element name="classCode" type="ebcc:code" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="substanceDetails" type="dt:substance" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="brandText" type="ebcc:text" minOccurs="0"/>
      <xsd:element name="safetyTerm" type="ebcc:dateTime" minOccurs="0"/>
      <xsd:element name="quantity" type="ebcc:measure" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
  </xsd:complexType>
  <xsd:complexType name="substance">
    <xsd:sequence>
      <xsd:element name="substanceTypeCode" type="ebcc:code" minOccurs="0"/>
      <xsd:element name="substanceTypeQuantity" type="ebcc:quantity" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="calamity">
    <xsd:sequence>
      <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
      <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
      <xsd:element name="measure" type="ebcc:measure" minOccurs="0"/>
      <xsd:element name="locationDetails" type="ebcc:location" minOccurs="0"/>
      <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
      <xsd:element name="description" type="ebcc:text" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
  </xsd:complexType>
  <xsd:complexType name="culture">
    <xsd:sequence>
      <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
      <xsd:element name="premisesDetails" type="dt:premises" minOccurs="0"/>
      <xsd:element name="startMaterialDetails" type="dt:startMaterial" minOccurs="0"
maxOccurs="unbounded"/>
      <xsd:element name="growingDetails" type="dt:growing" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
      <xsd:element name="observationDetails" type="dt:observation" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="calamityDetails" type="dt:calamity" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="treatmentDetails" type="dt:treatment" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
    <xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
  </xsd:complexType>
  <xsd:complexType name="equipment">
    <xsd:sequence>
      <xsd:element name="partIdentifier" type="ebcc:identifier" minOccurs="0"/>
      <xsd:element name="equipmentDetails" type="dt:equipment" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
      <xsd:element name="descriptionText" type="ebcc:text" minOccurs="0"/>
      <xsd:element name="observationDetails" type="dt:observation" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="calamityDetails" type="dt:calamity" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="treatmentDetails" type="dt:treatment" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
    <xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
  </xsd:complexType>
  <xsd:complexType name="growing">
    <xsd:sequence>
      <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
      <xsd:element name="descriptionText" type="ebcc:text" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="growingplan">
    <xsd:sequence>
      <xsd:element name="registrationYear" type="ebcc:dateTime" minOccurs="0"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:schema>
```

```

    <xsd:element name="environmentCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
    <xsd:element name="areaMeasure" type="ebcc:measure" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="illness">
  <xsd:sequence>
    <xsd:element name="code" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="description" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="lot">
  <xsd:sequence>
    <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="cultureDetails" type="dt:culture" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="lotDetails" type="dt:lot" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="quantity" type="ebcc:measure" minOccurs="0"/>
    <xsd:element name="observationDetails" type="dt:observation" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="calamityDetails" type="dt:calamity" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="treatmentDetails" type="dt:treatment" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="storageDetails" type="dt:storage" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="meteo">
  <xsd:sequence>
    <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="observation">
  <xsd:sequence>
    <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="measure" type="ebcc:measure" minOccurs="0"/>
    <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
    <xsd:element name="description" type="ebcc:text" minOccurs="0"/>
    <xsd:element name="workerDetails" type="dt:worker" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="equipmentDetails" type="dt:equipment" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="treatmentDetails" type="dt:treatment" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
</xsd:complexType>
<xsd:complexType name="premises">
  <xsd:sequence>
    <xsd:element name="premisesDetails" type="dt:premises" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="locationDetails" type="ebcc:location" minOccurs="0"/>
    <xsd:element name="observationDetails" type="dt:observation" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="calamityDetails" type="dt:calamity" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="treatmentDetails" type="dt:treatment" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="areaMeasure" type="ebcc:measure" minOccurs="0"/>
    <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
</xsd:complexType>
<xsd:complexType name="startMaterial">
  <xsd:sequence>
    <xsd:element name="growingDetails" type="dt:growing" minOccurs="0"/>
    <xsd:element name="typeCode" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="supplierPartyDetails" type="ebcc:party" minOccurs="0"/>
    <xsd:element name="certificateCode" type="ebcc:code" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="storage">
  <xsd:sequence>
    <xsd:element name="locationDetails" type="ebcc:location" minOccurs="0"/>
    <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
    <xsd:element name="calamityDetails" type="dt:calamity" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="observationDetails" type="dt:observation" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="treatmentDetails" type="dt:treatment" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="treatment">

```

```

<xsd:sequence>
  <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
  <xsd:element name="typeCode" type="ebcc:code" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="methodCode" type="ebcc:code" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="objectQuantity" type="ebcc:quantity" minOccurs="0"/>
  <xsd:element name="targetDescription" type="ebcc:text" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="period" type="ebcc:dateTime" minOccurs="0"/>
  <xsd:element name="meteo" type="dt:meteo" minOccurs="0"/>
  <xsd:element name="workerDetails" type="dt:worker" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="equipmentDetails" type="dt:equipment" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="additiveDetails" type="dt:additive" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
</xsd:complexType>
<xsd:complexType name="umrLine">
  <xsd:sequence>
    <xsd:element name="umrCode" type="dt:umrTypeCode"/>
    <xsd:element name="measure" type="ebcc:measure"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="worker">
  <xsd:sequence>
    <xsd:element name="identifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="person" type="ebcc:person" minOccurs="0"/>
    <xsd:element name="role" type="ebcc:code" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="certificateCode" type="ebcc:code" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="illnessDetails" type="dt:illness" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
</xsd:complexType>
<xsd:complexType name="property">
  <xsd:sequence>
    <xsd:element name="propertyCode" type="ebcc:code"/>
    <xsd:element name="propertyValueText" type="ebcc:text"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="delivery">
  <xsd:sequence>
    <xsd:element name="deliveryLocation" type="ebcc:location" minOccurs="0"/>
    <xsd:element name="deliveryDateTime" type="ebcc:dateTime" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="lineItem">
  <xsd:sequence>
    <xsd:element name="lineItemIdentifier" type="ebcc:identifier"/>
    <xsd:element name="orderIdIdentifier" type="ebcc:identifier" minOccurs="0"/>
    <xsd:element name="orderChargePriceDetails" type="ebcc:chargePrice" minOccurs="0"/>
    <xsd:element name="productDetails" type="ebcc:productService"/>
    <xsd:element name="productQuantity" type="ebcc:quantity" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="productPropertyDetails" type="dt:property" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="packagingDetails" type="ebcc:packaging" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="lineItemDetails" type="dt:lineItem" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="deliveryDetails" type="dt:delivery" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:simpleType name="umrTypeCode">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="total usage N"/>
    <xsd:enumeration value="total usage P"/>
    <xsd:enumeration value="total usage energy"/>
    <xsd:enumeration value="total usage active substance"/>
    <xsd:enumeration value="norm N"/>
    <xsd:enumeration value="norm P"/>
    <xsd:enumeration value="norm energy"/>
    <xsd:enumeration value="norm active substance"/>
  </xsd:restriction>
</xsd:simpleType>
<xsd:complexType name="residuAnalysis">
  <xsd:sequence>
    <xsd:element name="sampleType" type="ebcc:code" minOccurs="0"/>
    <xsd:element name="sampleDate" type="ebcc:dateTime"/>
    <xsd:element name="sampleIdentifier" type="ebcc:identifier"/>
  </xsd:sequence>

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<xsd:element name="analysisDate" type="ebcc:dateTime"/>
<xsd:element name="analysisParty" type="ebcc:party"/>
<xsd:element name="analysisResults" type="dt:residuDetails" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="status" type="xsd:byte" use="optional" default="1"/>
</xsd:complexType>
<xsd:complexType name="residuDetails">
  <xsd:sequence>
    <xsd:element name="substanceDetails" type="dt:substance"/>
    <xsd:element name="measure" type="ebcc:measure"/>
    <xsd:element name="tolerance" type="ebcc:measure"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:schema>
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