

Entity and Attribute Definitions Report

Run by: CASEOWNER
Run on: March 31, 2011 04:22 PM
Total Pages: 131
Total Entities: 115

Parameters

<i>Application:</i>	NSA
<i>Entities:</i>	%
<i>ER Diagram:</i>	%
<i>Include Entity Notes?</i>	Y
<i>Include Attribute Descriptions?</i>	Y
<i>Include Attribute Notes?</i>	Y
<i>Include Attribute Values?</i>	Y
<i>Include Table of Contents?</i>	N
<i>Include Index of Entities?</i>	Y

Entity Name: CARTON SIZE			<i>Short Name:</i>	CTC
<i>Plural:</i>	CARTON SIZE			
<i>Init. Volume:</i>	1	<i>Avg. Volume:</i>	<i>Max. Volume:</i> 26	
			<i>Annual Growth Rate:</i>	

Description:

A Seedling Carton Size in centimetres, showing width, height and length.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CARTON SIZE ID		N	NUMBER	3
A 3 digit number indicating a specific carton.				
HEIGHT		N	NUMBER	3
Carton height in centimetres.				
WIDTH		N	VARCHAR2	3
Carton width in centimetres.				
LENGTH		N	VARCHAR2	3
Carton length in centimetres.				
CARTON TYPE		Y	VARCHAR2	10
A single word describing a type of carton. i.e. plastic, recycled, cardboard, bag, etc.				
UPDATE TIMESTAMP		N	DATE	
A timestamp whan a Carton Size was last modified.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE is a list for one or more SEEDLING CARTON

MAY BE defines one or more SHIPPING CARTON

MAY BE defines one or more SHIPPING CARTON AUDIT

* = *Relationships in primary unique identifier.*

Unique Identifiers:

CARTON_SIZE_ID	<i>Primary</i>	Y
CARTON SIZE ID		

Entity Name: CAVITIES BLOCK			<i>Short Name:</i>	CB
<i>Plural:</i>	CAVITIES BLOCK			
<i>Init. Volume:</i>	20	<i>Avg. Volume:</i>	2	<i>Max. Volume:</i> 30
			<i>Annual Growth Rate:</i>	

Description:

A table used to determine the number of cavities per block based on the container type.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
CAVITIES PER BLOCK		N	NUMBER	5
The number of cavities per block based on the container type.				
REVISION COUNT		N	NUMBER	5
A counter used to ensure data integrity. This item should be incremented during each update.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE is described by one and only one SEEDLING CONTAINER CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

CAVITIES_BLOCK_PK	Primary	Y
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MUST BE is described by one and only one SEEDLING CONTAINER CODE

CAV

Annual Growth Rate:

A numeric value indicating the number of cavities per square meter for a given container type.

Relationships:

* MUST BE requires one and only one SEEDLING CONTAINER CODE
 * = Relationships in primary unique identifier.

Unique Identifiers:

MUST BE requires one and only one SEEDLING CONTAINER CODE

Entity Name: CLIENT ACRONYM			<i>Short Name:</i>	CA1
<i>Plural:</i>	CLIENT ACRONYM			
<i>Init. Volume:</i>	1000	<i>Avg. Volume:</i>	100	<i>Max. Volume:</i> 1500
			<i>Annual Growth Rate:</i>	

Description:

A familiar alphabetic acronym to be used as an alternate to the ministry's client number for data entry and display. Each acronym points to a specific client.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT ACRONYM		N	VARCHAR2	8
A familiar alphabetic acronym to be used as an alternate to the ministry's client number for data entry and display.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MUST BE is a nickname for one and only one FOREST CLIENT

* = *Relationships in primary unique identifier.*

Unique Identifiers:

CLIENT_ACRONYM_PK	<i>Primary</i>	Y
CLIENT ACRONYM		

Entity Name: CLIENT LOCATION**Short Name:** CLIENT_LOC**Plural:** CLIENT LOCATION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT NUMBER		N	VARCHAR2	8
A sequentially assigned number which uniquely identifies a Ministry client.				
* CLIENT LOCN CODE		N	VARCHAR2	2
A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MUST BE is owned by one and only one FOREST CLIENT
MAY BE has stock one or more INITIAL NURSERY STOCK
MAY BE specifies at the nursery regarding one or more LATEST_SOWING_DATE
MAY BE owns the nursery at one or more NURSERY LOCATION
MAY BE identifies nursery one or more NURSERY SEEDLING DELIVERY
MAY BE identifies nursery one or more NURSERY TENDER BID
MAY BE identifies nursery one or more NURSERY TENDER RATING
MAY BE extracts the seed for one or more REQUEST ITEM
MAY BE is the nursery assigned for one or more REQUEST ITEM
MAY BE receives one or more REQUEST ITEM
MAY BE provides agency for one or more SEEDLING
MAY BE provides nursery for one or more SEEDLING
MAY BE operates within one and only one SEEDLING SITE
MAY BE Provides Agency one or more SEEDLING SURPLUS
MAY BE identifies pickup location for one or more SEEDLING TRADE ITEM
MAY BE identifies buyer for one or more SEEDLING TRADE TRANSACTION
MAY BE identify seller for one or more SEEDLING TRADE TRANSACTION
MAY BE collects one or more SEEDLOT
MAY BE extracts one or more SEEDLOT
MAY BE stores one or more SEEDLOT
MAY BE provides current location for one or more SHIPPING CARTON
MAY BE provides delivery location for one or more STOCK MOVEMENT
MAY BE provides pickup location for one or more STOCK MOVEMENT
MAY BE provides transport for one or more STOCK MOVEMENT
MAY BE owns the nursery for one or more WORKPLAN NURSERY

* = Relationships in primary unique identifier.

Unique Identifiers:

CLIENT_LOCATION Primary Y

CLIENT NUMBER

CLIENT LOCN CODE

Entity Name: CODE LIST TABLE				<i>Short Name:</i>	CLT1
<i>Plural:</i>	CODE LIST TABLE				
<i>Init. Volume:</i>	4000	<i>Avg. Volume:</i>	500	<i>Max. Volume:</i>	10000
				<i>Annual Growth Rate:</i>	

Description:
Contains code values and code descriptions identified for a specific Ministry of Forests Corporate Code.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* COLUMN NAME		N	CHAR	18
The type of code to be stored as a corporate code.				
* CODE ARGUMENT		N	CHAR	50
The value of the corporate code.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE has valid subsets of one or more CODE SUBSET TBL
* = Relationships in primary unique identifier.

Unique Identifiers:
CODE_LIST_TABLE_PK Primary Y
 COLUMN NAME
 CODE ARGUMENT

Notes:
2003-01-03 HS : Added reference to corporate table used by NSA.

Entity Name: CODE SUBSET TBL				<i>Short Name:</i>	CST
<i>Plural:</i>	CODE SUBSET TBL				
<i>Init. Volume:</i>	2000	<i>Avg. Volume:</i>	200	<i>Max. Volume:</i>	4000
				<i>Annual Growth Rate:</i>	

Description:

Contains subsets to any ministry-standard Code Listed in CODE_LIST_TABLE. The subset codes are used when some codes from CODE_LIST_TABLE are valid for an application or view, but others are not.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CODE SUBSET NAME		N	CHAR	18
The type of subsetted code to be stored as a corporate code.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE is a subset of one and only one CODE LIST TABLE

* = Relationships in primary unique identifier.

Unique Identifiers:

CODE_SUBSET_TBL_PK	Primary	Y
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MUST BE is a subset of one and only one CODE LIST TABLE

CODE SUBSET NAME

Notes:

2003-01-03 HS : Added reference to corporate tables that are used by NSA.

Entity Name: CONTAINER STOCK TYPE XREF			<i>Short Name:</i>	CSTX
<i>Plural:</i>	CONTAINER STOCK TYPE XREF			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:
A table containing concatenated Seedling_Container_Code and Seedling_Stock_Type_Code

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CONTAINER STOCK TYPE XREF		N	NUMBER	4
Sequential number that uniquely identifies an entry in the table.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE identifies one or more NURSERY TENDER BID
MAY BE container for one or more SEEDLING
MUST BE is preferred one or more SEEDLING ALLOCATION PREFERENCE
MAY BE is a list for one or more SEEDLING CARTON
MAY BE consists of one and only one SEEDLING CONTAINER CODE
MUST BE consists of one and only one SEEDLING STOCK TYPE CODE
MAY BE container for one or more SEEDLING TRADE PRICE
MAY BE is specified for one or more STOCK_SAMPLING
MAY BE container for one or more STORAGE TRANSPORT COST
* = Relationships in primary unique identifier.

Unique Identifiers:
CONTAINER_STOCK_TYPE_XREF Primary Y
CONTAINER STOCK TYPE XREF

Entity Name: DISTRICT SEEDLING TRANS ZONE		Short Name:	REG
Plural:	DISTRICT SEEDLING TRANS ZONE		
Init. Volume:	44	Avg. Volume:	Max. Volume: 88
		Annual Growth Rate:	

Description:

Code representing the geographic origin or destination of a seedling shipment.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE applies to one and only one ORG UNIT

MUST BE described by one and only one SEEDLING TRANSPORT ZONE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

REG	Primary	Y
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MUST BE applies to one and only one ORG UNIT

Entity Name: EMPTY CAVITY SAMPLE		<i>Short Name:</i>	ECS
<i>Plural:</i>	EMPTY CAVITY SAMPLE		
<i>Init. Volume:</i>	3500	<i>Avg. Volume:</i>	<i>Max. Volume:</i> 13500
		<i>Annual Growth Rate:</i>	

Description:

Table of results from sampling growing containers after sowing to determine the numbers of cavities left unfilled.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ROW ID		N	NUMBER	3
Unique Auto Number Key for a Sample Row ID. Identifies a row in a seedling container from which samples are taken.				
EMPTYES		N	NUMBER	4
The number of unsown cavities in a row of cavities in a seedling container.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

* MUST BE are results for one and only one STOCK SAMPLING

* = *Relationships in primary unique identifier.*

Unique Identifiers:

CAVITY_IDENTIFIER	<i>Primary</i>	<i>Y</i>
ROW ID		
<i>MUST BE are results for one and only one STOCK SAMPLING</i>		

Entity Name: FACILITY CODE			Short Name: FACILITYCD		
<i>Plural:</i> FACILITY CODE					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
			<i>Annual Growth Rate:</i>		

Description:
A code describing various facilities. i.e. GH=Greenhouse, OC=Outdoor Compound, Pa=Panel

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FACILITY CODE		N	VARCHAR2	2
A code describing various facilities.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE contains a code for one or more LATEST_SOWING_DATE
MAY BE contains a code for one or more REQUEST ITEM
MAY BE grown in one or more SEEDLING
* = Relationships in primary unique identifier.

Unique Identifiers:

FACILITYCD	Primary	Y
FACILITY CODE		

Entity Name: FOREST CLIENT		<i>Short Name:</i>	FC1
<i>Plural:</i>	FOREST CLIENT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Any company or individual who is dealing, has dealt or plans to deal with the Ministry. This is effectively the name and address list for the Ministry.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT NUMBER		N	CHAR	8
Sequentially assigned number to identify a ministry client.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE is also known by one and only one CLIENT ACRONYM

MAY BE is located at one or more CLIENT LOCATION

MAY BE identifies one or more NSA CONTRACT AUTHORITY

* = Relationships in primary unique identifier.

Unique Identifiers:

FOREST_CLIENT_PK	Primary	Y
CLIENT NUMBER		

GCC

Annual Growth Rate:

GENETIC CLASS CODE

Entity Name: HEIGHT GROWTH SAMPLE			Short Name:	HGS
Plural:	HEIGHT GROWTH SAMPLE			
Init. Volume:	57000	Avg. Volume:	Max. Volume:	130000
			Annual Growth Rate:	

Description:

Results of seedling sampling for a variety of physical attributes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ROW ID		N	NUMBER	3,0
Unique Auto Number Key for a Height_Growth_Sample Row. Identifies a sample row in a seedling container.				
HEIGHT		N	NUMBER	6,2
The height of a seedling measured from soil level to base of bud.				
ROOT COLLAR DIAMETER		N	NUMBER	6,2
The diameter of the stem of the seedling measured at the transition point between stem and root.				
DAMAGED IND		Y	VARCHAR2	1
Indicates the presence or absence of damage to a seedling.				
DOUBLE TOPS IND		Y	VARCHAR2	1
Indicates presence or absence of two terminal buds on a seedling.				
FORKED IND		Y	VARCHAR2	1
Indicates presence or absence of a forked seedling stem.				
MULTIPLE TOPS IND		Y	VARCHAR2	1
Indicates the presence or absence of a number of tops without an obvious dominant top.				
POOR ROOT IND		Y	VARCHAR2	1
Indicates acceptable or unacceptable root development.				
BUD IND		Y	VARCHAR2	1
Indicates the presence or absence of a terminal bud on a seedling.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE are results for one and only one STOCK SAMPLING
- * = Relationships in primary unique identifier.

Unique Identifiers:

HEIGHT_GROWTH_ID	Primary	Y
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ROW ID

MUST BE are results for one and only one STOCK SAMPLING

Entity Name: IFMS BLOCK ALLOCATION			Short Name:	IBA
Plural:	IFMS BLOCK ALLOCATION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Block allocation data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
CUTB SEQ NBR		N	NUMBER	15
* BLAL SEQ NBR		N	NUMBER	15
DIVI DIV NBR		N	NUMBER	2
LICN SEQ NBR		Y	NUMBER	15
PERM SEQ NBR		Y	NUMBER	15
MARK SEQ NBR		Y	NUMBER	15
BLAL GROSS HA AREA		Y	NUMBER	11,6
BLAL MERCH HA AREA		Y	NUMBER	11,6
BLAL CRUISE M3 VOL		Y	NUMBER	15,6
BLAL HARVESTED M3 VOL		Y	NUMBER	15,6
BLAL HARVESTED HA AREA		Y	NUMBER	11,6
BLAL FIRS CUTBLOCK ID		Y	VARCHAR2	20
BLAL FIRS TIMBERMARK ID		Y	VARCHAR2	20
BLAL ESTIMATED AREA		Y	NUMBER	7,2
MANU SEQ NBR		Y	NUMBER	15
BLAL DIGI IND		Y	VARCHAR2	1
BLAL PRIMARY IND		Y	VARCHAR2	1
BLAL ACTUAL PARTITION VOL		Y	NUMBER	15,2
BLAL USR CRUISE M3 VOL		Y	NUMBER	15,6
BLAL RW VOL		Y	NUMBER	15,6

* = Attributes in primary unique identifier.

Unique Identifiers:

IBA	Primary	Y
BLAL SEQ NBR		

Entity Name: IFMS BRUSHING TARGET SPECIES		<i>Short Name:</i>	IBTS
<i>Plural:</i>	IFMS BRUSHING TARGET SPECIES		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Brushing Target Species data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BTRS SEQ NBR		N	NUMBER	15
SILA SEQ NBR		N	NUMBER	15
SISP SPECIES ID		N	VARCHAR2	15
BTRS COVERAGE PCT		Y	NUMBER	3
BTRS HEIGHT		Y	NUMBER	10,4
BTRS BROADLEAF TREE DIAMETER		Y	NUMBER	13,4
* = Attributes in primary unique identifier.				

Unique Identifiers:

IBTS	<i>Primary</i>	<i>Y</i>
BTRS SEQ NBR		

Entity Name: IFMS CTOR CONTRACTOR**Short Name:**

ICC

Plural: IFMS CTOR CONTRACTOR**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Contractor data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CTOR SEQ NBR		N	NUMBER	15
CTOR NAME		N	VARCHAR2	60
CTOR EMAIL ADDRESS		Y	VARCHAR2	50
CTOR STATUS CODE		Y	VARCHAR2	2
CTOR INTERNAL CODE		Y	VARCHAR2	10
CTOR EMS IND		Y	VARCHAR2	1
CTOR WCB NBR		Y	NUMBER	10
CTOR GST		Y	VARCHAR2	20
CTOR WCB CLEARANCE		Y	DATE	
CTOR INSURANCE LIABILITY		Y	DATE	
CTOR DATE APPROVED		Y	DATE	
CTOR EXPIRATION DATE		Y	DATE	
CTOR APPROVED IND		Y	VARCHAR2	1
CTOR COMMENT		Y	VARCHAR2	2000
CTOR ID		Y	VARCHAR2	50
CTOR PASSWORD		Y	VARCHAR2	80
CTOR VENDOR NBR		Y	VARCHAR2	10
CTOR POST AP IND		Y	VARCHAR2	1
CTOR GST IND		Y	VARCHAR2	1
CTOR LEGAL FIRST NAME		Y	VARCHAR2	30
CTOR LEGAL MIDDLE NAME		Y	VARCHAR2	30
CTOR BCTS CLIENT NUMBER		Y	VARCHAR2	8
CTOR BCTS OCG CLIENT NUMBER		Y	VARCHAR2	10
CTOR BCTS PRIME MAILING LOCN		Y	VARCHAR2	2
CTOR BCTS TOTAL BALANCE		Y	VARCHAR2	14
CTOR BIRTHDATE		Y	DATE	
CTOR DRIVERS LICENSE		Y	VARCHAR2	7
CTOR SIN		Y	VARCHAR2	9
CTOR CLIENT OTHER ID		Y	VARCHAR2	40
CTOR BCTS CORP REGN NMBR		Y	VARCHAR2	9
CTOR BCTS CORP REPORTING IND		Y	CHAR	1
CTOR RISKY CONTRACTOR		Y	VARCHAR2	1
CTOR RATE BENEFIT IND		Y	VARCHAR2	1

* = Attributes in primary unique identifier.

Unique Identifiers:

ICC

Primary Y

CTOR SEQ NBR

Entity Name: IFMS CTOR CONTRACTOR LOCATION			Short Name:	ICCL
Plural: IFMS CTOR CONTRACTOR LOCATION				
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Contractor location data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLOC SEQ NBR		N	NUMBER	15
CTOR SEQ NBR		N	NUMBER	15
CLOC ADDRESS LINE1		Y	VARCHAR2	40
CLOC ADDRESS LINE2		Y	VARCHAR2	40
CLOC ADDRESS LINE3		Y	VARCHAR2	40
CLOC CITY		Y	VARCHAR2	50
CLOC PHONE NUMBER1		Y	VARCHAR2	10
CLOC PHONE NUMBER2		Y	VARCHAR2	10
CLOC FAX NUMBER		Y	VARCHAR2	10
CTRY COUNTRY CODE		Y	VARCHAR2	10
PROV PROV STATE CODE		Y	VARCHAR2	10
CLOC POSTAL CODE		Y	VARCHAR2	10
CLOC CLIENT NUMBER		Y	CHAR	8
CLOC CLIENT LOCATION CODE		Y	CHAR	2
CLOC CLIENT LOCATION NAME		Y	VARCHAR2	40
CLOC LOCN EXPIRED IND		Y	CHAR	1
CLOC RETURNED MAIL DATE		Y	DATE	

* = Attributes in primary unique identifier.

Unique Identifiers:

ICCL	Primary	Y
CLOC SEQ NBR		

Entity Name: IFMS CUT BLOCK**Short Name:**

ICB

Plural: IFMS CUT BLOCK**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Cut block data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CUTB SEQ NBR		N	NUMBER	15
CUTB BLOCK ID		N	VARCHAR2	20
CUTB BLOCK NUMBER		Y	VARCHAR2	15
DIVI DIV NBR		Y	NUMBER	2
CUTB DEVT PLAN STATUS CODE		Y	VARCHAR2	2
CUTB DEVT PLAN APPRVL DATE		Y	DATE	
CUTB SILVI PLAN STATUS CODE		Y	VARCHAR2	2
CUTB SILVI PLAN APPRVL DATE		Y	DATE	
CUTB BLOCK MEMO		Y	VARCHAR2	4000
CUTB WOODS RUN KM NBR		Y	NUMBER	15,6
CUTB HAULING KM NBR		Y	NUMBER	15,6
CUTB HLCPTR DROP CRUISE IND		Y	VARCHAR2	1
CUTB LOGGING PLAN STATUS CODE		Y	VARCHAR2	2
CUTB LOGGING PLAN APPRVL DATE		Y	DATE	
OPAR OPERATING AREA ID		Y	VARCHAR2	10
BIOZ ZONE ID		Y	VARCHAR2	10
CUTB GROSS HA AREA		Y	NUMBER	11,6
CUTB LATITUDE		Y	VARCHAR2	10
CUTB LONGITUDE		Y	VARCHAR2	10
CUTB BCGS		Y	VARCHAR2	15
CUTB OPENING		Y	VARCHAR2	15
CUTB NTS		Y	VARCHAR2	15
CUTB EXT HA AREA		Y	NUMBER	11,6
CUTB PHOTOS		Y	VARCHAR2	200
CUTB FIELD WORK BY		Y	VARCHAR2	50
CUTB FIELD WORK DATE		Y	DATE	
CUTB SITE CLASS		Y	VARCHAR2	5
FDPS STATUS ID		Y	VARCHAR2	10
CUTB SITE INDEX		Y	NUMBER	5
CUTB CPI SLOPE PCT		Y	NUMBER	7,4
CUTB CPI ROAD ACCESS KM		Y	NUMBER	13,3
CUTB CPI ROAD BLOCK KM		Y	NUMBER	13,3
CUTB CPI ROAD NUM LANDINGS		Y	NUMBER	10
CUTB CPI ROAD HAUL KM		Y	NUMBER	13,3
SBLK SUPPLY BLOCK ID		Y	VARCHAR2	10
CUTB FORMC HARVEST PRINT DATE		Y	DATE	
CUTB FORMC REGEN PRINT DATE		Y	DATE	
CUTB FORMC FREEGROW PRINT DATE		Y	DATE	
FUND FUNDING CODE		Y	VARCHAR2	15
CUTB HIGHWAY IND		Y	VARCHAR2	1
CUTB WINTER ROAD IND		Y	CHAR	1

Entity Name: IFMS CUT BLOCK (cont'd)		Short Name:	ICB
FINZ FOREST INVENTORY ZONE ID	Y VARCHAR2	10	
CUTB USER MAPSHEET ID	Y VARCHAR2	30	
CUTB CELL NUMBER	Y VARCHAR2	15	
FJAP FDP JOINT APPROVAL	Y VARCHAR2	10	
PMOD MODIFIER ID	Y VARCHAR2	10	
CUTB TRAVERSE METHOD CODE	Y VARCHAR2	10	
CUTB CRITICAL DATE IND	Y CHAR	1	
CUTB GREENUP DATE	Y DATE		
GRNS GREENUP SOURCE	Y VARCHAR2	10	
PMPO OPERATING ZONE	Y VARCHAR2	10	
LSUN LANDSCAPE UNIT	Y VARCHAR2	10	
PLAN SEQ NBR	Y NUMBER	15	
CUTB FORMA PRINT DATE	Y DATE		
CUTB BLOCK STATE	Y VARCHAR2	20	
CUTB DIGI IND	Y VARCHAR2	1	
STTP STAND TYPE	Y VARCHAR2	10	
TTAC TIMBERTYPE AGE CLASS	Y VARCHAR2	10	
TTSC TIMBERTYPE STOCK CLASS	Y VARCHAR2	10	
TTHC TIMBERTYPE HEIGHT CLASS	Y VARCHAR2	10	
CUTB SITE PLAN EXEMPT IND	Y VARCHAR2	1	
SSSC SOURCE CODE	Y VARCHAR2	10	
CUTB VOL DATA SOURCE	Y VARCHAR2	10	
CUTB VOL DATA SOURCE TYPE	Y VARCHAR2	4	
CUTB HELI FLIGHT DIST	Y NUMBER	10	
CUTB HARVEST SEQUENCE	Y NUMBER	6	
CUTB PROV FOREST CONFLICT	Y VARCHAR2	10	
TREG SEQ NBR	Y NUMBER	15	
BCAT CATEGORY CODE	Y VARCHAR2	10	
CUTB TRAVERSE START POINT	Y VARCHAR2	40	
CUTB TRAVERSE END POINT	Y VARCHAR2	40	
CUTB FORMA PRINTED	Y VARCHAR2	1	
CUTB SYSTEM ID	Y VARCHAR2	15	
CUTB BLOCK STATUS	Y VARCHAR2	10	
CUTB LATITUDE BAK	Y VARCHAR2	10	
CUTB LONGITUDE BAK	Y VARCHAR2	10	
CUTB DAMAGE TYPE	Y VARCHAR2	10	
CUTB OPENING ID	Y NUMBER	10	
SILP USE BLOCK NUM IND	N VARCHAR2	1	
CUTB LOCATION	Y VARCHAR2	200	
CUTB SILV ACT HARV LINK	Y VARCHAR2	30	
CUTB FILE ID	Y VARCHAR2	18	
SUOP SUBOP AREA ID	Y VARCHAR2	10	
CUTB SELLING PRICE PERIOD	Y DATE		
CUTB SYNCH STATUS	Y VARCHAR2	30	
CUTB BLOCK GROUPING ID	Y VARCHAR2	20	
PERS SEQ NBR	Y NUMBER	15	
CTOR SEQ NBR	Y NUMBER	15	

Entity Name: IFMS CUT BLOCK (cont'd)		Short Name:	ICB
CUTB VARIANT ID	Y VARCHAR2	15	
CUTB SEASON ID	Y VARCHAR2	30	
CUTB VOLUME	Y NUMBER	15,6	
CLOC SEQ NBR	Y NUMBER	15	
CUTB PARENT SEQ	Y NUMBER	15	
CUTB PREV FORMA PRINT DATE	Y DATE		
SILA SEQ NBR	Y NUMBER	15	
CUTB CRUISE LOCK IND	Y VARCHAR2	1	
CUTB REF DEC	Y CHAR	1	
CUTB REG CODE	Y VARCHAR2	3	
CUTB APR EFF DATE	Y DATE		
SIPH SEQ NBR	Y NUMBER	15	

* = Attributes in primary unique identifier.

Unique Identifiers:

ICB	Primary	Y
CUTB SEQ NBR		

Entity Name: IFMS CUT PERMIT			Short Name:	ICP
Plural:	IFMS CUT PERMIT			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
Cut Permit data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PERM SEQ NBR		N	NUMBER	15
REGN REGION ID		Y	VARCHAR2	10
PERM PERMIT ID		N	VARCHAR2	15
PERM REVISION DATE		Y	DATE	
PAPR POINT OF APPRSL ID		Y	VARCHAR2	4
LSEE LICENSEE ID		Y	VARCHAR2	10
ADMIN DSCT DISTRICT NAME		Y	VARCHAR2	50
GEO DSCT DISTRICT NAME		Y	VARCHAR2	50
PERM MGMT UNIT CODE		Y	VARCHAR2	3
PERM TSB NAME		Y	VARCHAR2	50
PERM EXPIRY DATE		Y	DATE	
PERM REMOTE OPER IND		Y	VARCHAR2	1
PERM BASIC SILVI IND		Y	VARCHAR2	1
PERM ROAD MTCE IND		Y	VARCHAR2	1
PERM ROAD LAND USE CHRG		Y	NUMBER	15,2
PERM COST EFF DATE		Y	DATE	
PERM RATE EFF DATE		Y	DATE	
PERM WATER TRANSPORT IND		Y	VARCHAR2	1
PERM PRIMARY BLOCK SEQ NBR		Y	NUMBER	15
PERM PRIMARY MARK ID		Y	VARCHAR2	10
PERM HAUL IND		Y	VARCHAR2	1
TSAR TSA NBR		Y	NUMBER	3
SBLK SUPPLY BLOCK ID		Y	VARCHAR2	10
SPTC SUPPORT CENTRE NAME		Y	VARCHAR2	50
DIVI DIV NBR		Y	NUMBER	2
PERM DAMAGE STATUS		Y	VARCHAR2	5
PERM SUPPORT CENTRE DIST		Y	NUMBER	6,2
OPTY OPENING TYPE ID		Y	VARCHAR2	10
PERS SEQ NBR		Y	NUMBER	15
PERM PERMIT STATE		Y	VARCHAR2	20
PERM LOGPROD EXTERNAL IND		Y	VARCHAR2	1
PERM LOGPROD CUSTOMER ID		Y	VARCHAR2	15
PERM CRUISE RES SOURCE		Y	VARCHAR2	1
PERM JURISDICTION		Y	VARCHAR2	10
PERM APPLICATION DESCRIPTION		Y	VARCHAR2	1000
PERM PRIMARY SPECIES		Y	VARCHAR2	10
MKME MARKING METHOD CODE		Y	VARCHAR2	10
MKIN MARKING INSTRUMENT CODE		Y	VARCHAR2	10
PERM PROV FOREST CONFLICT		Y	VARCHAR2	10
PERM CRUISE BASED IND		Y	VARCHAR2	10
PERM LSEE REPRESENTATIVE		Y	NUMBER	15

* = Attributes in primary unique identifier.

Unique Identifiers:

ICP	Primary	Y
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PERM SEQ NBR

Entity Name: IFMS DIVISION			Short Name:	ID
Plural:	IFMS DIVISION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Division (Timber Sales office) data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DIVI DIV NBR		N	NUMBER	2
DIVI COUNTRY CODE		N	VARCHAR2	10
DIVI PROV STATE CODE		N	VARCHAR2	10
DIVI DIVISION NAME		N	VARCHAR2	50
DIVI STARTUP DATE		Y	DATE	
DIVI END DATE		Y	DATE	
DIVI SHORT CODE		Y	VARCHAR2	15
DIVI LINE1 ADDR		Y	VARCHAR2	30
DIVI LINE2 ADDR		Y	VARCHAR2	30
DIVI LINE3 ADDR		Y	VARCHAR2	30
DIVI CITY NAME		Y	VARCHAR2	50
DIVI POSTAL CODE		Y	VARCHAR2	10
DIVI INTL ROUTING CODE		Y	VARCHAR2	15
DIVI PHONE NBR		Y	VARCHAR2	10
DIVI FAX NBR		Y	VARCHAR2	10
DIVI STMPG ACCTCD		Y	VARCHAR2	50
DIVI STMPG OFFSET ACCTCD		Y	VARCHAR2	50
DIVI WALKER ENTITY ACCTCD		Y	VARCHAR2	15
DIVI GST PAY ACCTCD		Y	VARCHAR2	50
DIVI GST RECOVERY ACCTD		Y	VARCHAR2	50
DIVI OPERATION LOCATION IND		Y	VARCHAR2	1
DIVI CLIENT LOCATION CODE		Y	VARCHAR2	10
DIVI ABBREVIATION CODE		Y	VARCHAR2	4

* = Attributes in primary unique identifier.

Unique Identifiers:

ID	Primary	Y
DIVI DIV NBR		

Entity Name: IFMS ECOLOGY UNIT			Short Name:	IEU
Plural:	IFMS ECOLOGY UNIT			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
Ecology Unit data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ECOU SEQ NBR		N	NUMBER	15
CUTB SEQ NBR		N	NUMBER	15
ECOU NAME		N	VARCHAR2	50
BIOZ ZONE ID		Y	VARCHAR2	10
BIOS SUBZONE ID		Y	VARCHAR2	10
BIOV VARIANT ID		Y	VARCHAR2	10
ECOU SITE TYPE ID		Y	VARCHAR2	10
ECOU ADDITIONAL INFO		Y	VARCHAR2	40
ECOU ECOSITE FIT CODE		Y	CHAR	18
ECOU HA AREA		N	NUMBER	11,6
ECOU DIGITISED IND		Y	VARCHAR2	1
MREG EDATOPIC MOISTURE ID		Y	VARCHAR2	10
NREG EDATOPIC NUTRIENT ID		Y	VARCHAR2	10
ECOU ELEVATION MIN		Y	NUMBER	5
ECOU ELEVATION MAX		Y	NUMBER	5
ECOU ELEVATION AVG		Y	NUMBER	5
ECOU ASPECT		Y	VARCHAR2	15
ECOU SLOPE MIN		Y	NUMBER	7,4
ECOU SLOPE MAX		Y	NUMBER	7,4
ECOU SLOPE AVG		Y	NUMBER	7,4
ECOU SLOPE POSITION		Y	VARCHAR2	15
ECOU TERRAIN		Y	VARCHAR2	15
ECOU PARENT MATERIAL		Y	VARCHAR2	15
ECOU DRAINAGE		Y	VARCHAR2	15
ECOU SUBSTRATE DECAYING WOOD		Y	NUMBER	7,4
ECOU SUBSTRATE BEDROCK		Y	NUMBER	7,4
ECOU SUBSTRATE COBBLES		Y	NUMBER	7,4
ECOU SUBSTRATE MINERAL SOIL		Y	NUMBER	7,4
ECOU SUBSTRATE ORGANIC		Y	NUMBER	7,4
ECOU SUBSTRATE WATER		Y	NUMBER	7,4
ECOU ORGANIC LAYER		Y	VARCHAR2	15
ECOU HUMUS L DEPTH MIN		Y	NUMBER	10,4
ECOU HUMUS L DEPTH MAX		Y	NUMBER	10,4
ECOU HUMUS F DEPTH MIN		Y	NUMBER	10,4
ECOU HUMUS F DEPTH MAX		Y	NUMBER	10,4
ECOU HUMUS H DEPTH MIN		Y	NUMBER	10,4
ECOU HUMUS H DEPTH MAX		Y	NUMBER	10,4
ECOU HUMUS FORM		Y	VARCHAR2	15
ECOU SOIL ORDER		Y	VARCHAR2	15
ECOU SOIL TYPE		Y	VARCHAR2	15
ECOU SOIL DEPTH WATER		Y	NUMBER	10,4

Entity Name:	IFMS ECOLOGY UNIT (cont'd)	Short Name:	IEU
ECOU SOIL DEPTH WATER MAX	Y	NUMBER	10,4
ECOU SOIL DEPTH MOTTLES	Y	NUMBER	10,4
ECOU SOIL DEPTH MOTTLES MAX	Y	NUMBER	10,4
ECOU SOIL DEPTH GLEYING	Y	NUMBER	10,4
ECOU SOIL DEPTH GLEYING MAX	Y	NUMBER	10,4
ECOU SOIL DEPTH CALCAR	Y	NUMBER	10,4
ECOU SOIL DEPTH CALCAR MAX	Y	NUMBER	10,4
ECOU SOIL DEPTH BEDROCK	Y	NUMBER	10,4
ECOU SOIL DEPTH BEDROCK MAX	Y	NUMBER	10,4
ECOU SOIL DEPTH COMPACT	Y	NUMBER	10,4
ECOU SOIL DEPTH COMPACT MAX	Y	NUMBER	10,4
ECOU SOIL ROOTING DEPTH	Y	NUMBER	10,4
ECOU SOIL SEEPAGE IND	Y	VARCHAR2	1
ECOU SOIL SEEPAGE DEPTH	Y	NUMBER	10,4
ECOU SOIL PIT DEPTH	Y	NUMBER	10,4
ECOU SOIL ACID TEST	Y	VARCHAR2	1
ECOU SOIL ACID TEST DEPTH	Y	NUMBER	10,4
ECOU SOIL ACID PH TEST	Y	NUMBER	9,6
ECOU SOIL COMMENTS	Y	VARCHAR2	4000
ECOU FIELD GUIDE	Y	VARCHAR2	40
ECOU FIELD GUIDE YEAR	Y	NUMBER	4
ECOU SURVEYED BY	Y	VARCHAR2	50
ECOU SURVEY DATE	Y	DATE	
ECOU COMMENTS	Y	VARCHAR2	4000
ECOU PERCHED IND	N	VARCHAR2	1
ECOU SOIL ACID PH	Y	VARCHAR2	10
BGRG REGION CODE	Y	VARCHAR2	10
ECOU SOIL OP	Y	VARCHAR2	30
ECOU COARSE FRAGMENT	Y	VARCHAR2	30

* = Attributes in primary unique identifier.

Unique Identifiers:

IEU	Primary	Y
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ECOU SEQ NBR

Entity Name: IFMS LICENCE**Short Name:**

IL

Plural: IFMS LICENCE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Licence data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LICN SEQ NBR		N	NUMBER	15
LICN LICENCE ID		N	VARCHAR2	15
LICN LICENCE DESC		Y	VARCHAR2	53
DIVI DIV NBR		N	NUMBER	2
LICN CROWN LAND		Y	CHAR	1
LICN ANNUAL ALLOWABLE CUT		Y	NUMBER	9
LSEE LICENSEE ID		Y	VARCHAR2	10
TENT SEQ NBR		Y	NUMBER	15
LICN LICENCE STATE		Y	VARCHAR2	20
LICN PERMIT EXISTS IND		Y	VARCHAR2	1
LICN SALVAGE IND		Y	VARCHAR2	1
LICN CATEGORY ID		Y	VARCHAR2	10
LICN FIELD TEAM ID		Y	VARCHAR2	10
CTOR SEQ NBR		Y	NUMBER	15
CLOC SEQ NBR		Y	NUMBER	15
BLAZ ADMIN ZONE ID		Y	VARCHAR2	10
LICN DIGI IND		Y	VARCHAR2	1
LICL LICENCE CLASS		Y	VARCHAR2	10
LICN PARENT LICENCE		Y	NUMBER	15
LICN CROWN GRANTED IND		Y	VARCHAR2	1
LICN CLIENT LOC CODE		Y	VARCHAR2	5
LICN CATEGORY TYPE		Y	VARCHAR2	4
LICN LICENCE TO CUT CODE		Y	VARCHAR2	10
LINC CERT LEVEL ID		Y	VARCHAR2	10
LICN MGR SEQ NBR		Y	NUMBER	15
LICN FST SEQ NBR		Y	NUMBER	15
LICN GROSS AREA		Y	NUMBER	11,6
LICN NET AREA		Y	NUMBER	11,6
LICN COMMENT		Y	VARCHAR2	4000
LICN APPORTION TENURE TYPE		Y	VARCHAR2	30

* = Attributes in primary unique identifier.

Unique Identifiers:

IL Primary Y

LICN SEQ NBR

Entity Name: IFMS MARK		Short Name:	IM
Plural:	IFMS MARK		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Timber Mark data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MARK SEQ NBR		N	NUMBER	15
MARK MARK ID		Y	VARCHAR2	15
DIVI DIV NBR		N	NUMBER	2
MARK MARK DESC		Y	VARCHAR2	40
MARK MARK STATE		Y	VARCHAR2	20
MARK CROWN GRANTED IND		Y	VARCHAR2	1
MARK AAC PARTITION		Y	VARCHAR2	10
MARK APPORTIONMENT		Y	VARCHAR2	10
MARK ENDEMIC PERCENT		Y	NUMBER	4,2
MARK SPECIES TYPE		Y	VARCHAR2	2
MARK ALL LOG GRADES IND		Y	VARCHAR2	1

* = Attributes in primary unique identifier.

Unique Identifiers:

IM	Primary	Y
MARK SEQ NBR		

Entity Name: IFMS PLANTING SPECIES			Short Name:	IPS
Plural:	IFMS PLANTING SPECIES			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
Planting Species data from Cengea Forest Resources.

Attributes:				
<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PLSP SEQ NBR		N	NUMBER	15
PLUN SEQ NBR		N	NUMBER	15
SISP SPECIES ID		N	VARCHAR2	15
PLSP NUMBER TREES		Y	NUMBER	10
SISL SEED LOT NUMBER		Y	VARCHAR2	50
SIRK REQUEST KEY		Y	VARCHAR2	15
PLSP SEED WEIGHT		Y	NUMBER	12,4
PLSP PRICE PER TREE		Y	NUMBER	13,4
PLSP COMMENT		Y	VARCHAR2	4000
SSFM SEQ NBR		Y	NUMBER	15
SINU CODE		Y	VARCHAR2	6
PLSP STOCK TYPE		Y	VARCHAR2	10
PLSP LIFT DATE		Y	DATE	
PLSP TREES OUTSIDE ZONE		Y	NUMBER	7
PLSP YRS ORIG CNTNR		Y	NUMBER	5
PLSP YRS TRANSPLANTED		Y	NUMBER	5

* = Attributes in primary unique identifier.

Unique Identifiers:		
IPS	Primary	Y
PLSP SEQ NBR		

Entity Name: IFMS PLANTING UNIT**Short Name:**

IPU

Plural: IFMS PLANTING UNIT**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Planting unit data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PLUN SEQ NBR		N	NUMBER	15
SILA SEQ NBR		N	NUMBER	15
PLUN DIGITISED IND		N	VARCHAR2	1
PLUN HA AREA		Y	NUMBER	7,2
PLUN QUALITY PERCENT		Y	NUMBER	7,4
PLUN PLANTING COST		Y	NUMBER	15,5
PLUN PLANTING UNIT ID		N	NUMBER	3
PLUN SURVIVAL PCT		Y	NUMBER	7,4
PLUN LAST SURVIVAL CHECK		Y	DATE	
PLUN CONTRACT MIN SPACING		Y	NUMBER	7,2
PLUN CONTRACT TARGET SPACING		Y	NUMBER	7,2
PLUN CONTRACT MAX SPACING		Y	NUMBER	7,2
PLUN PLANTING PLAN COST		Y	NUMBER	15,5
PLUN ROW		Y	NUMBER	7,2
PLUN NET AREA		Y	NUMBER	11,6
PLUN DRILL		Y	NUMBER	6,2
PLUN MIN STOCK SIZE		Y	VARCHAR2	30
PLUN MAX STOCK SIZE		Y	VARCHAR2	30
PLUN PLAN COST PER UNIT		Y	NUMBER	15,5
PLUN COST PER UNIT		Y	NUMBER	15,5
PLUN DENSITY		Y	NUMBER	7,2

* = Attributes in primary unique identifier.

Unique Identifiers:

IPU

Primary Y

PLUN SEQ NBR

Entity Name: IFMS SILV COMPANY ACTIVITY**Short Name:**

ISCA

Plural: IFMS SILV COMPANY ACTIVITY**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Silviculture Company Activities data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SICA SEQ NBR		N	NUMBER	15
DIVI DIV NBR		N	NUMBER	2
SIAB BASE CODE		Y	VARCHAR2	15
SIAT TECHNIQUE CODE		Y	VARCHAR2	15
SIAM METHOD CODE		Y	VARCHAR2	15
SICA ACTIVITY NAME		N	VARCHAR2	50
SIAO OBJECTIVE CODE		Y	VARCHAR2	15
SIAO OBJECTIVE CODE2		Y	VARCHAR2	15
SIAO OBJECTIVE CODE3		Y	VARCHAR2	15
SICA DEFAULT IND		Y	VARCHAR2	1
SICA SORT ORDER		Y	NUMBER	10
SICA KEY IND		Y	VARCHAR2	3
SICA STATUS IND		Y	VARCHAR2	1
SICA DATE RELATIVE		Y	VARCHAR2	5
SICA DATE REL START END		Y	VARCHAR2	1
SICA COST PER HA		Y	NUMBER	10,5
SICA DEFAULT AREA PCT		Y	NUMBER	7,4
SICA CURRENT STATUS IND		Y	VARCHAR2	1
SICA LIABILITY PCT		Y	NUMBER	7,4
SICA ACTIVE IND		N	VARCHAR2	1
SICA PRE HARVEST IND		N	VARCHAR2	1
SICA SILV REGIME COMMENTS IND		Y	VARCHAR2	1
SICA SYSTEM CODE		Y	VARCHAR2	10
SICA LAYER CLASS		Y	VARCHAR2	16
SICA WINDOW		Y	VARCHAR2	50
SICA ROTATION IND		Y	VARCHAR2	1
SICA INV TYPE ID		Y	VARCHAR2	10
SICA ESTABL METHOD IND		Y	VARCHAR2	1
SICA GROUP		Y	VARCHAR2	30
SICA COMMENT		Y	VARCHAR2	4000
SICA COST TYPE		N	VARCHAR2	30

* = Attributes in primary unique identifier.

Unique Identifiers:

ISCA

Primary Y

SICA SEQ NBR

Entity Name: IFMS SILV PROJECT			<i>Short Name:</i>	ISP1
<i>Plural:</i>	IFMS SILV PROJECT			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Silviculture Project data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SIPR SEQ NBR		N	NUMBER	15
CTOR SEQ NBR		Y	NUMBER	15
PERS SEQ NBR		Y	NUMBER	15
SIPR PROJECT ID		N	VARCHAR2	30
SIPR PROJECT TYPE		N	VARCHAR2	15
SIPR CREW HIRE CODE		Y	VARCHAR2	10
SIPR VIEW DATE		Y	DATE	
SIPR START DATE		Y	DATE	
SIPR END DATE		Y	DATE	
SIPR TOTAL OVERHEAD COST		Y	NUMBER	15,2
SIPR RESULT TYPE		Y	VARCHAR2	10
SIPR CONTR RES COMMENT		Y	VARCHAR2	1000
SIPR GENERAL COMMENT		Y	VARCHAR2	1000
SIPR START STATUS		Y	VARCHAR2	1
SIPR END STATUS		Y	VARCHAR2	1
SIPR UNIT BID CODE		Y	VARCHAR2	1
DIVI DIV NBR		N	NUMBER	15
SIPR TOTAL BID PRICE		Y	NUMBER	15,2
CLOC SEQ NBR		Y	NUMBER	15
SIPR VIEW DATE END		Y	DATE	
SIPR START DATE PLANNED		Y	DATE	
SIPR END DATE PLANNED		Y	DATE	

* = Attributes in primary unique identifier.

Unique Identifiers:

ISP1	<i>Primary</i>	Y
SIPR SEQ NBR		

Entity Name: IFMS SILV PROJECT ACTIVITY		<i>Short Name:</i>	ISPA
<i>Plural:</i>	IFMS SILV PROJECT ACTIVITY		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Silviculture Project Activities data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SILA SEQ NBR		N	NUMBER	15
* SIPR SEQ NBR		N	NUMBER	15

* = *Attributes in primary unique identifier.*

Unique Identifiers:

ISPA	<i>Primary</i>	Y
SILA SEQ NBR		
SIPR SEQ NBR		

Entity Name: IFMS SILVICULTURE ACTIVITY**Short Name:**

ISA

Plural: IFMS SILVICULTURE ACTIVITY**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Silviculture Activities data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SILA SEQ NBR		N	NUMBER	15
CUTB SEQ NBR		Y	NUMBER	15
SICA SEQ NBR		Y	NUMBER	15
SILA STATUS		N	VARCHAR2	30
SILA GROSS HA AREA		Y	NUMBER	11,6
SILA DIGITISED IND		Y	VARCHAR2	1
SILA START DATE		Y	DATE	
SILA COMPLETION DATE		Y	DATE	
FUND FUNDING CODE		Y	VARCHAR2	10
RESP RESPONSIBILITY CODE		Y	VARCHAR2	10
SILA CONTRACTOR ID		Y	VARCHAR2	50
SILA FORMB PRINTED		N	VARCHAR2	1
SILA FORMB DATE		Y	DATE	
SISY SILVICULTURAL SYSTEM ID		Y	VARCHAR2	15
SIVA VARIANT ID		Y	VARCHAR2	15
SIPH CUT PHASE ID		Y	VARCHAR2	15
SILA RESERVE TYPE		Y	VARCHAR2	15
SILA DISTURBANCE CODE		Y	VARCHAR2	15
HAME METHOD ID		Y	VARCHAR2	10
SILA HARVEST VOLUME		Y	NUMBER	15,6
SILA COST PER HA		Y	NUMBER	16,5
SILA MACHINE HOURS		Y	NUMBER	7,2
SILA PLANTABLE SPOTS		Y	NUMBER	10,1
SILA SOIL DISTURBANCE		Y	NUMBER	7,4
SILA SEASON		Y	VARCHAR2	15
SILA PERCENT PAID		Y	NUMBER	7,4
SILA BRUSH CHEMICAL		Y	VARCHAR2	50
SILA BRUSH ACTIVE		Y	NUMBER	9,6
SILA BRUSH TARGET SPECIES1		Y	VARCHAR2	15
SILA BRUSH TARGET SPECIES2		Y	VARCHAR2	15
SILA BRUSH DECIDUOUS		Y	NUMBER	10
SILA BRUSH APPLY RATE		Y	NUMBER	13,4
SILA BRUSH PMP PUP NBR		Y	VARCHAR2	15
CTOR SEQ NBR		Y	NUMBER	15
SILA TREATMENT UNIT ID		Y	VARCHAR2	10
STST STOCKING STATUS ID		Y	VARCHAR2	10
SILA TOTAL STOCKING PCT		Y	NUMBER	5,2
SILA PROJECT NUM		Y	VARCHAR2	20
CLOC SEQ NBR		Y	NUMBER	15
SILA COST PER HA PLAN		Y	NUMBER	16,5
SILA TREATED AREA		Y	NUMBER	11,6

Entity Name: IFMS SILVICULTURE ACTIVITY (cont'd)		Short Name:	ISA
PERS SEQ NBR	Y NUMBER	15	
OALT OBJECT ID	N VARCHAR2	8	
OBJT SEQ NBR	N NUMBER	15	
HRUN SEQ NBR	Y NUMBER	15	
SILA START DATE PLANNED	Y DATE		
SILA COMPLETION DATE PLANNED	Y DATE		
SILA NET AREA	Y NUMBER	11,6	
SURVEYOR SEQ NBR	Y NUMBER	15	
RECORDER SEQ NBR	Y NUMBER	15	
SILA ACTIVITY APPROVAL STATUS	Y VARCHAR2	10	
SILA PRIORITY	Y VARCHAR2	30	
SILA COMMENTS	Y VARCHAR2	4000	
SILA COST UNIT	Y VARCHAR2	10	
SILA BUDGETED IND	Y VARCHAR2	1	
SILA PREV FORMB DATE	Y DATE		

* = Attributes in primary unique identifier.

Unique Identifiers:

ISA	Primary	Y
SILA SEQ NBR		

Entity Name: IFMS SILVICULTURE PRESCRIPTION*Short Name:*

ISP

Plural: IFMS SILVICULTURE PRESCRIPTION*Init. Volume:**Avg. Volume:**Max. Volume:**Annual Growth Rate:***Description:**

Silviculture Prescription data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SILP SEQ NBR		N	NUMBER	15
DIVI DIV NBR		N	NUMBER	2
CUTB SEQ NBR		N	NUMBER	15
SILP LTERM MAN OBJ		Y	VARCHAR2	4000
SILP WILDLIFE		Y	VARCHAR2	4000
SILP SENSITIVE AREAS		Y	VARCHAR2	4000
SILP FISHERIES		Y	VARCHAR2	4000
SILP WATERSHEDS		Y	VARCHAR2	4000
SILP RECREATION		Y	VARCHAR2	4000
SILP COMMUNITY WATERSHED IND		Y	VARCHAR2	1
SILP BIO DIVERSITY		Y	VARCHAR2	4000
SILP WILDLIFE TREE CREDIT HA		Y	NUMBER	7,2
SILP VISUAL LANDSCAPE		Y	VARCHAR2	4000
SILP VISUAL ASSESSMENT		N	VARCHAR2	1
SILP CULTURAL HERITAGE		Y	VARCHAR2	4000
SILP RANGE		Y	VARCHAR2	4000
SILP RANGE TENURE HOLDER		Y	VARCHAR2	200
SILP OTHER RESOURCES		Y	VARCHAR2	4000
SILP TRAPPER REGISTRATION		Y	VARCHAR2	200
SILP GUIDE REGISTRATION		Y	VARCHAR2	200
SILP NA CONDITIONS		Y	VARCHAR2	4000
SILP RIPARIAN ASSESSMENT		N	VARCHAR2	1
SILP GULLY MANAGE STRATEGY		Y	VARCHAR2	4000
SILP GULLY ASSESSMENT		N	VARCHAR2	1
SILP FOREST HEALTH		Y	VARCHAR2	4000
SILP PEST ASSESSMENT		N	VARCHAR2	1
SILP COARSE WOODY DEBRIS		Y	VARCHAR2	4000
SILP ARCHAEOLOGICAL SITES		Y	VARCHAR2	4000
SILP ARCHAEOLOGY ASSESSMENT		N	VARCHAR2	1
SILP VEGETATION MANAGEMENT		Y	VARCHAR2	4000
SILP LIVESTOCK USED		Y	VARCHAR2	1
SILP SLOPE INSTABILITY		Y	VARCHAR2	4000
SILP SLOPE ASSESSMENT		N	VARCHAR2	1
SILP PERM ACCESS MAX PCT		Y	NUMBER	7,4
SILP TEMP ACCESS MAX REHAB		Y	NUMBER	10
SILP TEMP ACCESS MAX DISTURB		Y	NUMBER	7,4
SILP TEMP ACCESS LOCATION		Y	VARCHAR2	200
SILP TEMP ACCESS BANK HEIGHT		Y	NUMBER	13,4
SILP TEMP ACCESS AVG BANK HGT		Y	NUMBER	13,4
SILP TEMP ACCESS EQUIPMENT		Y	VARCHAR2	200
SILP TEMP ACCESS HA AREA		Y	NUMBER	7,2

* = Attributes in primary unique identifier.

ISP	Primary	Y
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
12	1	1
13	1	1
14	1	1
15	1	1
16	1	1
17	1	1
18	1	1
19	1	1
20	1	1
21	1	1
22	1	1
23	1	1
24	1	1
25	1	1
26	1	1
27	1	1
28	1	1
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30	1	1
31	1	1
32	1	1
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88	1	1
89	1	1
90	1	1
91	1	1
92	1	1
93	1	1
94	1	1
95	1	1
96	1	1
97	1	1
98	1	1
99	1	1
100	1	1

SILP SEQ NBR

Entity Name: IFMS STANDARD UNIT*Short Name:*

ISU

Plural: IFMS STANDARD UNIT*Init. Volume:**Avg. Volume:**Max. Volume:**Annual Growth Rate:***Description:**

Standard Unit data from Cengea Forest Resources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STUN SEQ NBR		N	NUMBER	15
SILP SEQ NBR		N	NUMBER	15
STUN ID		N	VARCHAR2	10
SUTY TYPE ID		N	VARCHAR2	10
STUN DESCRIPTION		Y	VARCHAR2	4000
STUN GROSS HA AREA		N	NUMBER	11,6
STUN DIGITISED IND		N	VARCHAR2	1
SPSS SEQ NBR		Y	NUMBER	15
STUN CRITICAL SITE CONDITIONS		Y	VARCHAR2	4000
STUN SOIL COMPACTION		Y	VARCHAR2	15
STUN SOIL EROSION		Y	VARCHAR2	15
STUN SOIL DISPLACEMENT		Y	VARCHAR2	15
STUN DEPTH UNFAVOURABLE MIN		Y	NUMBER	13,4
STUN DEPTH UNFAVOURABLE MAX		Y	NUMBER	13,4
STUN TYPE UNFAVOURABLE		Y	VARCHAR2	15
STUN SEDIMENT RISK		Y	VARCHAR2	15
STUN MAX DISTURBANCE		Y	NUMBER	7,4
STUN REGEN DATE EARLY		Y	NUMBER	4
STUN FREEGROW DATE EARLY		Y	NUMBER	4
STUN FREEGROW DATE LATE		Y	NUMBER	4
STUN SILVICULTURAL SYSTEM COMM		Y	VARCHAR2	4000
STUN TEMP ACCESS MAX DISTURB		Y	NUMBER	7,4
STUN NCBR HA AREA		Y	NUMBER	11,6
STUN NCBR DIGITISED IND		N	VARCHAR2	1
STUN TEMP ACCESS BANK HEIGHT		Y	NUMBER	13,4
STUN TEMP ACCESS AVG BANK HGT		Y	NUMBER	13,4
STUN TEMP ACCESS EQUIPMENT		Y	VARCHAR2	200
STUN SOIL PUDDLING		Y	VARCHAR2	15
STUN SOIL FROST HEAVE		Y	VARCHAR2	15
STUN SOIL WINDTHROW		Y	VARCHAR2	15
STUN VEG COMP SEVERITY		Y	VARCHAR2	15
STTY ORIGINAL STANDARD TYPE		Y	VARCHAR2	10
STUN ORIGINAL STD DECLARE DATE		Y	DATE	
STUN WET LOW DENSITY IND		N	VARCHAR2	1
STUN MS DECL COMMENT		Y	VARCHAR2	1000
STUN FORMC POSTHARV PRN DATE		Y	DATE	
STUN FORMC REGEN PRN DATE		Y	DATE	
STUN FORMC FREEGROW PRN DATE		Y	DATE	
STDS SEQ NBR		Y	NUMBER	15
STUN SITE INDEX		Y	NUMBER	5
STUN OTHER PERF STANDARDS		Y	VARCHAR2	4000

Entity Name: IFMS STANDARD UNIT (cont'd)		<i>Short Name:</i>		ISU
STUN PATHWAY	Y	VARCHAR2	10	
STUN SI SPECIES	Y	VARCHAR2	15	
STUN BRUSH HAZARD	Y	VARCHAR2	30	
STUN BROWSE HAZARD	Y	VARCHAR2	30	
STUN SI SOURCE	Y	VARCHAR2	30	
STUN NON MAPPABLE AREA	Y	NUMBER	11,6	
STUN DESIGNATION CODE	Y	VARCHAR2	20	
STUN DECLARATION AREA	Y	NUMBER	11,6	
STUN DECLARATION AREA LOCK IND	Y	VARCHAR2	1	
STUN PREV POSTHARV PRN DATE	Y	DATE		
STUN PREV REGEN PRN DATE	Y	DATE		
STUN PREV FREEGROW PRN DATE	Y	DATE		
STUN OBJECTIVE TYPE	Y	CHAR	3	

* = Attributes in primary unique identifier.

Unique Identifiers:

ISU	Primary	Y
STUN SEQ NBR		

INS

Annual Growth Rate:

allows the creation of non-ministry stock information to be used in nursery rankings when needing to rank a new nursery.

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

INITIAL NURSERY STOCK ID

IUC

Annual Growth Rate:

A list of valid Intended Use Codes.

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

INTENDED USE CODE

Entity Name: LATEST SOWING DATE			<i>Short Name:</i>	LSD
<i>Plural:</i>	LATEST_SOWING_DATE			
<i>Init. Volume:</i>	4000	<i>Avg. Volume:</i>	200	<i>Max. Volume:</i> 5000
			<i>Annual Growth Rate:</i>	

Description:

Provides the latest month and day in the given year that seed to produce a given stock type can be sown. Nursery + Species + Season + Container Type + Facility + Seedling Stock Age gives the latest sowing date. It will default to Facility if not provided.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LATEST SOWING DATE SKEY		N	NUMBER	10,0
A unique identifier establishing a unique Latest Sowing Date entry.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE is applied at the nursery of one and only one CLIENT LOCATION

MUST BE is described by one and only one FACILITY CODE

MUST BE is described by one and only one SEEDLING CONTAINER CODE

MUST BE is described by one and only one SEEDLING STOCK AGE CODE

MUST BE is described by one and only one SEEDLING STOCK TYPE CODE

MUST BE is described by one and only one VEGETATION CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

LATEST_SOWING_DATE_PK	Primary	Y
LATEST SOWING DATE SKEY		

Short Name: NCAAUDIT

Annual Growth Rate:

AUDIT ID

Entity Name: NSA CONTRACT AUTHORITY**Short Name:** NSACA**Plural:** NSA CONTRACT AUTHORITY**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

List of users authorised to have signing authority for electronic contract documents

Note:

- a) All Non-Ministry users may only have signing authority for their own company
- b) All Ministry TSO/District offices may only have signing authority for their own office (based on authority assigned to the application from within ADAM)
- c) HQ & Admin Services can be expense authorities for any ministry office

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* AUTHORISED USERID		N	VARCHAR2	40
idir or bceid of user with signing authority				
CONTACT EMAIL		N	VARCHAR2	140
Contact email for authorised user, so that confirmation emails may be sent after contract has been authorised.				
ACTIVE DATE		N	DATE	
Date signing authority for client became active				
EXPIRY DATE		N	DATE	
Date the signing authority expires				
ENTRY USERID		N	VARCHAR2	40
user who added the authorised user to the system				
ENTRY TIMESTAMP		N	DATE	
Date user added to the system				
UPDATE USERID		N	VARCHAR2	40
User id of individual who last updated the expense authority information				
UPDATE TIMESTAMP		N	DATE	
Date information was last updated.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

- * MUST BE authorized for one and only one FOREST CLIENT

* = Relationships in primary unique identifier.

Unique Identifiers:

CEAUTH_PK Primary Y

AUTHORISED USERID

MUST BE authorized for one and only one FOREST CLIENT

Short Name: NSAFTYPE

Init. Volume: Avg. Volume:

Annual Growth Rate:

Attributes:

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* NSA FUND TYPE CODE		N	VARCHAR2	1
Identifies the Organization type that is responsible for a funding source ie: M=Ministry, L=Licencee				
DESCRIPTION		N	VARCHAR2	120
A description for the affiliated code.				
EFFECTIVE DATE		N	DATE	
The effective date the code is in effect.				
EXPIRY DATE		N	DATE	
The date the code expires on.				
UPDATE TIMESTAMP		N	DATE	
The date and time the code values were last updated.				

* = Attributes in primary unique identifier.

Each Occurrence Of This Entity:

MAY BE identifies fund type one or more NSA_FUNDING

* = Relationships in primary unique identifier.

NSAFTYPE Primary Y

NSA FUND TYPE CODE

Entity Name:	NSA REPORT TYPE CODE	<i>Short Name:</i>	NRTC
<i>Plural:</i>	NSA REPORT TYPE CODE		
<i>Init. Volume:</i>	5	<i>Avg. Volume:</i>	10
		<i>Max. Volume:</i>	20
		<i>Annual Growth Rate:</i>	

Description:

A code table listing the potential codes that can be used to identify what output reporting format to use.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* NSA REPORT TYPE CODE		N	VARCHAR2	3
Identifies the output format method to use for reporting (e.g., Word, Excel).				
DESCRIPTION		N	VARCHAR2	120
A literal description that clearly describes the report type code.				
EFFECTIVE DATE		N	DATE	
The earliest date the code is valid for.				
EXPIRY DATE		N	DATE	
The latest date the code is valid for.				
UPDATE TIMESTAMP		N	DATE	
Identifies the date and time this record was last modified.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

NRTC PK	Primary	Y
NSA REPORT TYPE CODE		

Entity Name: NSA_DEADLINE			Short Name: NSADL	
Plural: NSA_DEADLINE				
Init. Volume: 1		Avg. Volume:		Max. Volume: 10
		Annual Growth Rate:		

Description:
Dates governing the disposition of surplus seedlings grown under seedling contracts.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PLANTING YEAR		N	NUMBER	4
The year in which the seedlings will be planted at the planting site.				
* PLANTING SEASON CODE		N	VARCHAR2	2
A code which represents a time period within a year for which planting occurs.				
NURSERY SURPLUS DATE		N	DATE	
Date after which seedlings over the request amount are declared as surplus.				
TREES ACCEPTED DEADLINE		N	DATE	
Date by which trees must be accepted to avoid being designated as surplus.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

NSA_DEADLINE_KEY	Primary	Y
PLANTING SEASON CODE		
PLANTING YEAR		

Entity Name: NSA_FUNDING		Short Name:	NSAFUND
Plural:	NSA_FUNDING		
Init. Volume:	14	Avg. Volume:	Max. Volume: 20
		Annual Growth Rate:	

Description:

Table which identifies which Spar Funding Codes are Ministry Funded and which are Privately Funded.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE requires one and only one NSA FUND TYPE CODE

MAY BE is funding for one or more SEEDLING

* MUST BE utilizes one and only one SPAR FUND SRCE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

NSAFUND	Primary	Y
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MUST BE utilizes one and only one SPAR FUND SRCE CODE

Entity Name: NURSERY COMPETENCY INSPECTION**Short Name:**

NCI

Plural: NURSERY COMPETENCY INSPECTION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Stores the results of crop inspections performed on Ministry Stock growing at specific nurseries

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INSPECTION ID		N	NUMBER	8
Unique id assigned to an individual inspection				
INSPECTION DATE		N	DATE	
Date crop inspection was performed				
CHECK INSPECTION ID		Y	NUMBER	8
inspection id of nursery inspection being verified by ministry inspector				
NUMBER SEEDLINGS INSPECTED		N	NUMBER	4
number of seedlings within a specific crop being inspected				
NUMBER CULLS		N	NUMBER	3
Number of seedlings in group of seedlings inspected that are not considered feasible seedlings ie: seeds that didn't grow or stopped growing, seedling below target ht or target rcd				
SEEDLINGS OVER STANDARD		N	NUMBER	4
Number of seedlings in group being inspected that have exceeded growth specifications.				
REJECTION INDICATOR		N	VARCHAR2	1
For a nursery inspection (inspection performed by nursery staff) indicates if the inspection has been rejected from the results. This will automatically occur if nursery inspection results are > 3% off of ministry performed inspections				
OVERRIDE REJECTION IND		N	VARCHAR2	1
Indicates if the results in the rejection_ind field are to be ignored. Relevant to Nursery performed inspections only. If set to Y then Override rejection comment must be filled in.				
OVERRIDE REJECTION COMMENT		Y	VARCHAR2	500
Reason provided by Ministry staff as to why the automatic rejection calculation for a nursery inspection is being overridden.				
REDUCED STANDARD HEIGHT		Y	NUMBER	5
Optional Standard Ht to be used when calculating inspection results. Entered if it is determined that valid or exceptional reasons exist as to why stock target height is to be ignored				
REDUCED STANDARD RCD		Y	NUMBER	3,1
Optional Standard rcd to be used when calculating inspection results. Entered if it is determined that valid or exceptional reasons exist as to why stock target rcd is to be ignored				
REDUCED STANDARD COMMENT		Y	VARCHAR2	500
reason provided as to why non-standard ht or rcd being applied to stock for the purposes of the inspection. Required if either reduced_standard_ht or reduced_standard_rcd has been filled in.				
ENTRY USERID		N	VARCHAR2	40
userid of individual entering the inspection				
ENTRY DATE		N	DATE	
Date inspection entered into system				
UPDATE USERID		N	VARCHAR2	40
userid of individual updating the inspection information				
UPDATE DATE		N	DATE	
date inspection record updated				

* = Attributes in primary unique identifier.

Entity Name:	NURSERY COMPETENCY INSPECTION (cont'd)	Short Name:	NCI
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Relationships:

Each Occurrence Of This Entity:

MAY BE have inspection one and only one INITIAL NURSERY STOCK
MUST BE is a type of one and only one NURSERY INSPECTION CODE
MAY BE have inspection for one and only one SEEDLING
MAY BE identifies one or more SEEDLING COMPETENCY EXCLUSION
* = Relationships in primary unique identifier.

Unique Identifiers:

NCISP_PK	Primary	Y
INSPECTION ID		

NIC_PK Primary Y

NURSERY INSPECTION CODE

Entity Name:	NURSERY LOCATION	<i>Short Name:</i>	NL
<i>Plural:</i>	NURSERY LOCATION		
<i>Init. Volume:</i>	100	<i>Avg. Volume:</i>	10
		<i>Max. Volume:</i>	200
		<i>Annual Growth Rate:</i>	

Description:

A table used to identify the geographic location of Nursery Clients. They are either considered 'C' (Coastal) or 'I' (Interior).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE is owned by one and only one CLIENT LOCATION

* = Relationships in primary unique identifier.

Unique Identifiers:

NURSERY_LOCATION_PK	Primary	Y
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MUST BE is owned by one and only one CLIENT LOCATION

Notes:

2003-01-03 HS: Added as NSA makes reference to this table.

Entity Name: NURSERY SEEDLING DELIVERY			Short Name: NURSEEDDEL
Plural:	NURSERY SEEDLING DELIVERY		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Store the distance and cost related to the delivery of seedlings between a nursery and an org unit.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
The Fiscal Year associated with the delivery data.				
* STORAGE DESTINATION		N	VARCHAR2	2
User assigned identifier to identify a specific storage destination within a field office location (Org Unit)				
COST PER CARTON		N	NUMBER	6,3
Cost per carton in dollars for transporting seedlings by water (i.e. Ferry, barge)				
DELIVERY KM		N	NUMBER	6
Number of kilometres to delivery site for a specific Nursery to Org Unit.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE relates to one and only one CLIENT LOCATION
- * MUST BE delivered to one and only one ORG UNIT

* = Relationships in primary unique identifier.

Unique Identifiers:

NURS_SEED_PK	Primary	Y
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FISCAL YEAR

MUST BE relates to one and only one CLIENT LOCATION

MUST BE delivered to one and only one ORG UNIT

STORAGE DESTINATION

Entity Name: NURSERY TENDER BID			Short Name: NRSYTNDBID
Plural:	NURSERY TENDER BID		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Stores the Nursery's bid price for a single seedling for a specific tender bid group.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
The Fiscal Year associated with the nursery's tender bid.				
* TENDER NUMBER		N	VARCHAR2	7
A number assigned by BCTS used to identiy a group of similar seedling requests that are to be grown under contract				
* TENDER BID GROUP		N	VARCHAR2	3
An identifier within a Tender Number which indicates the part of a Tender to which a grouping of seedling requests belongs				
SEEDLING BID PRICE		N	NUMBER	7,2
Price per seedling in cents that a nursery bids for a specific tender.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE relates to one and only one CLIENT LOCATION
- * MUST BE relates to one and only one CONTAINER STOCK TYPE XREF
- * MUST BE relates to one and only one VEGETATION CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

NURS_TEND_KEY	Primary	Y
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TENDER NUMBER

TENDER BID GROUP

MUST BE relates to one and only one CLIENT LOCATION

FISCAL YEAR

MUST BE relates to one and only one VEGETATION CODE

MUST BE relates to one and only one CONTAINER STOCK TYPE XREF

Entity Name: NURSERY TENDER RATING			<i>Short Name:</i> NURTENDRAT		
<i>Plural:</i> NURSERY TENDER RATING					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Stores the 3 year Nursery Performance Rating average used in the evaluation of seedling tenders for a fiscal year.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
Fiscal Year for the performance rating data.				
PERFORMANCE RATING		N	NUMBER	6,2
The 3 year average performance rating for a Nursery.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE relates to one and only one CLIENT LOCATION

* = Relationships in primary unique identifier.

Unique Identifiers:

NURTENDRAT	Primary	Y
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FISCAL YEAR

MUST BE relates to one and only one CLIENT LOCATION

Entity Name: OPERATION TIME REQUIREMENT			<i>Short Name:</i>	OTR
<i>Plural:</i>	OPERATION TIME REQUIREMENT			
<i>Init. Volume:</i>	500	<i>Avg. Volume:</i>	50	<i>Max. Volume:</i> 750
			<i>Annual Growth Rate:</i>	

Description:

Identifies the Ministry schedule of time required to deliver a service. A blank Tree Species Code indicates a time requirement for all species.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* OPERATION TIME REQT SKEY		N	NUMBER	10,0
A number assigned by the system to uniquely identify this record.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE is described by one and only one VEGETATION CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

OPERATION_TIME_REQUIREMENT	Primary	Y
OPERATION TIME REQT SKEY		

Notes:

2003-01-03 HS: Added as NSA makes reference to this table.

Short Name: ORG UNIT

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

A code describing a Ministry organizational unit.

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

ORG UNIT NO

Entity Name: PAYMENT PLOT**Short Name:**

PP

Plural: PAYMENT PLOT**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Records the inspection information off the FS704 Form. Several plots(inspection areas) are inspected within a cutblock, the information recorded and then used in calculating payment owed to the contractor.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PLOT ID		N	NUMBER	9
Auto generated id assigned to a inspection plot.				
PLANTED TREES		N	NUMBER	3
Number of planted trees recorded within the plot.				
PLANTABLE SPOTS		N	NUMBER	3
Number of planting locations within the plot that are both an acceptable microsite and provides correct spacing.				
EXCESS PLANTED		N	NUMBER	3
If more trees are planted than the "plantable spots" the extras are coded as "excess trees" regardless of any other faults that may exist.				
SATISFACTORY PLANTED		N	NUMBER	3
Number of trees planted within the plot that 1)are planted on an acceptable microsite, 2) properly planted and 3) meet spacing requirements of the contract within the latitude allowed.				
UNSATISFACTORY PLANTED		N	NUMBER	3
Number of trees on the plot that are not 1) planted on an acceptable microsite, 2) properly planted or 3) meeting the spacing requirements of the contract				
* = Attributes in primary unique identifier.				

Relationships:**Each Occurrence Of This Entity:**

- * MUST BE an inspection for one and only one PLANTING PAYMENT
 - * MUST BE identified by one and only one SEEDLING PLANTING UNIT
- * = Relationships in primary unique identifier.

Unique Identifiers:

PP Primary Y

PLOT ID

MUST BE an inspection for one and only one PLANTING PAYMENT

MUST BE identified by one and only one SEEDLING PLANTING UNIT

Entity Name: PESTICIDE TYPE CODE			<i>Short Name:</i>	PTC
<i>Plural:</i>	PESTICIDE TYPE CODE			
<i>Init. Volume:</i>	3	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	3
			<i>Annual Growth Rate:</i>	

Description:

A single character code defining the type of pesticide. i.e. f = fungiscide, h = herbicide, i = insecticide.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PESTICIDE TYPE CODE		N	VARCHAR2	1
A single character code defining the type of pesticide. i.e. f = fungiscide, h = herbicide, i = insecticide.				
DESCRIPTION		N	VARCHAR2	120
A description for the affiliated code.				
EFFECTIVE DATE		N	DATE	
The effective date the code is in effect.				
EXPIRY DATE		N	DATE	
The date the code expires on.				
UPDATE TIMESTAMP		N	DATE	
The date and time the code values were last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defines one or more PESTICIDE

* = Relationships in primary unique identifier.

Unique Identifiers:

PESTICIDE_TYPE_CODE	Primary	Y
PESTICIDE TYPE CODE		

Entity Name: PLANTING PAYMENT

Short Name:

PPAY

Plural: PLANTING PAYMENT

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Stores information for calculating/verifying that a contractor is entitled to the payment agreed upon for planting trees. Data is accessed via project ids and must be able to be linked back to the originating Genus project.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PAYMENT NUMBER		N	NUMBER	9
unique id assigned to a payment. auto generated via seq NSA_PAYMENT_NUMBER_SEQ				
INSPECTION PLOT SIZE		N	NUMBER	6,3
Inspection plot size used by inspector. Normal inspection plot sizes are 0.005 ha or 0.010 ha. Size varies depending on the size of the planting unit being inspected.				
FINAL PAYMENT IND		N	VARCHAR2	1
Indicates when the that the payment being recorded is the last payment being made for the project				
HOLD BACK PCT		N	NUMBER	6,2
Amount of payment that is to be held back.				
INSPECTOR NAME		N	VARCHAR2	40
Name of the person who performed the inspection				
INSPECTION DATE		N	DATE	
Date of inspection of the planted area defined by the payment parameters				
WASTED TREES		N	NUMBER	4
Seedlings that had to be discarded due to damage. affect calculation of payment				
STASHED TREES		N	NUMBER	4
number of seedlings found hidden or abandoned. affects calculation of payment.				
TREES LOW DENSITY		N	NUMBER	4
Number of trees planted on a low density hectare. Affects calculation of payment.				
UNTREATED HECTARES		N	NUMBER	6,2
number of hectares that remained unplanted. affects payment calculations				
STORAGE HANDLING PENALTY		N	NUMBER	7,2
penalty amount charged for improper handling or storage of seedlings. (affects quality of the seedlings being planted) Used in calculating payment				
ADDITIONAL CREDIT		N	NUMBER	7,2
Additional Amount to be paid to the contractor, normally for additional costs incurred that not covered by the contract				
ADDITIONAL DEDUCTION		N	NUMBER	7,2
Additional cost or penalty to be levied against the contractor.				
ADDITIONAL COMMENT		Y	VARCHAR2	2000
Description or reason for the additional credits or deductions				
EARLY PAYMENT DEDUCTION		Y	VARCHAR2	10
Type of deduction being applied for early payment: options are \$100 or 2%				
ENTRY USERID		N	VARCHAR2	40
User who created the payment certificate				
ENTRY TIMESTAMP		N	DATE	
Date/Time when record was created				
UPDATE USERID		N	VARCHAR2	40
userid of person who last updated the payment information				
UPDATE TIMESTAMP		N	DATE	

Entity Name:	PLANTING PAYMENT (cont'd)	<i>Short Name:</i>	PPAY
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date/timestamp of when record was last updated.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

- MAY BE requires inspection one or more PAYMENT PLOT
 - MAY BE has comment one or more PLANTING PAYMENT COMMENT
 - MAY BE make up one or more PLANTING PAYMENT DETAIL
- * = *Relationships in primary unique identifier.*

Unique Identifiers:

PAY_VER_KEY	Primary	Y
PAYMENT NUMBER		

Entity Name: PLANTING PAYMENT COMMENT*Short Name:*

PPC

Plural: PLANTING PAYMENT COMMENT*Init. Volume:**Avg. Volume:**Max. Volume:**Annual Growth Rate:***Description:**

Lists any additional notes or comments to be recorded about a specific planting payment

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PLANTING PAYMENT COMMENT ID		N	NUMBER	8
unique identifier for a comment. Autogenerated.				
PAYMENT COMMENT		N	VARCHAR2	1000
Note made by inspector or ministry representative regarding the payment to be issued to the planting contractor.				
ENTRY USERID		N	VARCHAR2	40
userid of person who entered the note				
ENTRY TIMESTAMP		N	DATE	
Date/Time when record was created				
UPDATE USERID		N	VARCHAR2	40
userid of person who last updated the comment				
UPDATE TIMESTAMP		N	DATE	
date note/comment was updated				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

* MUST BE identified by one and only one PLANTING PAYMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

PPC

Primary Y

PLANTING PAYMENT COMMENT ID

MUST BE identified by one and only one PLANTING PAYMENT

Entity Name: PLANTING PAYMENT DETAIL**Short Name:**

PPDET

Plural: PLANTING PAYMENT DETAIL**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Stores the list of cutblock planting activities that has been covered by a payment. (a cutblock planting activity may appear on more than one payment) If the project is a price/tree contract then request key information will also be recorded.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PAYMENT DETAIL ID		N	NUMBER	9
Auto generated number to indentify a detail record				
TREES ISSUED		N	NUMBER	9
Number of trees issued to the contractor to be planted.				
ACTUAL HECTARES		N	NUMBER	6,2
actual hectares planted for the project unit.				
PRICE		N	NUMBER	7,2
Price as recorded on the planting contract.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MUST BE contains payments for one and only one PLANTING PAYMENT

MUST BE identified by one and only one SEEDLING

MUST BE identified by one and only one SEEDLING PLANTING UNIT

* = Relationships in primary unique identifier.

Unique Identifiers:

PC	Primary	Y
PAYMENT DETAIL ID		

Entity Name: PLANTING SEASON CODE		<i>Short Name:</i>	PSC
<i>Plural:</i>	PLANTING SEASON CODE		
<i>Init. Volume:</i>	4	<i>Avg. Volume:</i>	<i>Max. Volume:</i> 4
		<i>Annual Growth Rate:</i>	

Description:
A code which represents a time period within a year for which planting occurs.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PLANTING SEASON CODE		N	VARCHAR2	2
A code which represents a time period within a year for which planting occurs.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE identifies one or more INITIAL NURSERY STOCK
MAY BE contains a code for one or more SEASON RANGE
MAY BE identifies one or more SEASONAL TRUCK CAPACITY
MAY BE defines season one or more SEEDLING
MAY BE defines season one or more SEEDLING TRADE PRICE
MAY BE is specified for one or more STOCK_SAMPLING
MAY BE may be one or more STOCK SPECIFICATION
MAY BE defines season one or more STORAGE TRANSPORT COST
* = Relationships in primary unique identifier.

Unique Identifiers:
PLANTING_SEASON_CODE Primary Y
PLANTING SEASON CODE

Notes:
SPAR

Entity Name: REQUEST ITEM*Short Name:*

RI2

Plural: REQUEST ITEM*Init. Volume:* 50000*Avg. Volume:* 30000*Max. Volume:* 150000*Annual Growth Rate:***Description:**

A particular item within a request for which services are being requested.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ITEM ID		N	VARCHAR2	1

A unique identifier for each item within a request. It is alphabetically assigned (A, B,...Z).

* = *Attributes in primary unique identifier.*

Relationships:Each Occurrence Of This Entity:

MAY BE has a nursery assigned at one and only one CLIENT LOCATION

MAY BE has seed extracted at one and only one CLIENT LOCATION

MAY BE is received by one and only one CLIENT LOCATION

MAY BE is described by one and only one FACILITY CODE

MAY BE has one or more REQUEST OVERRIDE

MAY BE is satisfied by one or more REQUEST SEEDLOT

MAY BE is satisfied by one or more REQUEST VEGLOT

* MUST BE is a breakown of one and only one SPAR REQUEST

MAY BE has services defined by one and only one STANDARD WORKPLAN

MAY BE is described by one and only one VEGETATION CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

REQUEST_ITEM_PK	Primary	Y
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MUST BE is a breakown of one and only one SPAR REQUEST

ITEM ID

Notes:

Had to change SPAR's shortname of RI to RI2, due to the existing NSA shortname of RI for the SEEDLING_INVENTORY entity.

Entity Name: REQUEST OVERRIDE			<i>Short Name:</i>	RO
<i>Plural:</i>	REQUEST OVERRIDE			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	10000	<i>Max. Volume:</i> 50000
			<i>Annual Growth Rate:</i>	

Description:
An override of the Transfer Guidelines or Sowing Rules for a requested seed lot or cutting lot.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ENTRY TIMESTAMP		N	DATE	
The time and date an override was entered onto the system.				
* ENTRY TIMESTAMP MS		N	NUMBER	6,0
The millisecond portion an override was entered onto the system.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:

* MUST BE is applied for one and only one REQUEST ITEM

* = Relationships in primary unique identifier.

Unique Identifiers:

REQUEST_OVERRIDE_PK	Primary	Y
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MUST BE is applied for one and only one REQUEST ITEM

ENTRY TIMESTAMP

ENTRY TIMESTAMP MS

Entity Name:	REQUEST PREP DAY			<i>Short Name:</i>	RPD
<i>Plural:</i>	REQUEST PREP DAY				
<i>Init. Volume:</i>	12	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i>	12
			<i>Annual Growth Rate:</i>		

Description:

A table used to look up the number of days needed to process a Seedling Request at Silviculture Branch and at the Tree Seed Centre based on the time of year.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MONTH OF YEAR		N	VARCHAR2	2
The number representation for the month in a year.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

REQUEST_PREP_DAYS_PK	<i>Primary</i>	Y
MONTH OF YEAR		

Notes:

2003-01-03 HS: Added as NSA makes reference to this table.

Entity Name: REQUEST SEEDLOT				Short Name:	RS
Plural:	REQUEST SEEDLOT				
Init. Volume:	50000	Avg. Volume:	35000	Max. Volume:	150000
			Annual Growth Rate:		

Description:
A request for seed from or a transfer to a particular seed lot owned quantity. A seed sale or transfer will create both a 'from' and a 'to' record.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* REQUEST SEEDLOT SKEY		N	NUMBER	10,0
A sequentially assigned sequence number (surrogate key) to assist in uniquely identify an entry.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE is made for one and only one REQUEST ITEM
* MUST BE makes adjustments for one and only one SEEDLOT
* = Relationships in primary unique identifier.

Unique Identifiers:
REQUEST_SEEDLOT_PK Primary Y
MUST BE makes adjustments for one and only one SEEDLOT
REQUEST SEEDLOT SKEY

Entity Name: REQUEST VEGLOT**Short Name:**

RV

Plural: REQUEST VEGLOT**Init. Volume:** 0**Avg. Volume:** 1000**Max. Volume:** 5000**Annual Growth Rate:****Description:**

A request for cuttings from a particular lot.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VEG LOT ID		N	VARCHAR2	5
The unique identifier (key) assigned to a source of cuttings of a particular species with the same genetic class and suitability factors.				
* CLIENT NUMBER		N	VARCHAR2	8
A sequentially assigned number which uniquely identifies a Ministry client.				
* CLIENT LOCN CODE		N	VARCHAR2	2
A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.				
* CUTTING PRDCTN YEAR		N	NUMBER	4,0
The year for which a particular cutting lot produces cuttings. Cutting amounts will be projected for future production years.				
* CUTTING AGE CLASS CODE		N	VARCHAR2	1
A code which represents the age range for a group of cuttings from a particular cutting lot.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

* MUST BE is made for one and only one REQUEST ITEM

* = Relationships in primary unique identifier.

Unique Identifiers:

REQUEST_VEGLOT_PK

Primary Y

MUST BE is made for one and only one REQUEST ITEM

VEG LOT ID

CLIENT NUMBER

CLIENT LOCN CODE

CUTTING PRDCTN YEAR

CUTTING AGE CLASS CODE

Entity Name: SAMPLE SIZE			<i>Short Name:</i> SAMP	
<i>Plural:</i> SAMPLE SIZE				
<i>Init. Volume:</i> 51	<i>Avg. Volume:</i>	<i>Max. Volume:</i> 51	<i>Annual Growth Rate:</i>	

Description:

Identifies the number of samples required for an empty cavity count or height growth sampling where the coefficient_variant is the average of the data being sampled.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* COEFFICIENT VARIANT		N	NUMBER	2,0
coefficient_variant is the average of the data being sampled.				
NUMBER SAMPLES REQUIRED		N	NUMBER	2,0
Number of samples required for an empty cavity count or height growth sampling.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

COEFFICIENT_VARIANT	<i>Primary</i>	<i>Y</i>
COEFFICIENT VARIANT		

Entity Name:	SEASON RANGE	<i>Short Name:</i>	SR
<i>Plural:</i>	SEASON RANGE		
<i>Init. Volume:</i>	4	<i>Avg. Volume:</i>	0
		<i>Max. Volume:</i>	4
		<i>Annual Growth Rate:</i>	

Description:

A table which defines the date range and default date for a Silviculture season. The start and end dates may overlap.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE is described by one and only one PLANTING SEASON CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SEASON_RANGE_PK	Primary	Y
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MUST BE is described by one and only one PLANTING SEASON CODE

Entity Name: SEASONAL TRUCK CAPACITY			Short Name: SEASTRKCAP	
Plural: SEASONAL TRUCK CAPACITY				
Init. Volume:		Avg. Volume:		Max. Volume:
Annual Growth Rate:				

Description:

Stores the average number of cartons a delivery truck can carry during a specific season and Fiscal Year. Used in the evaluation of Tender Bid price.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
The fiscal year for which the average truck capacity has been calculated.				
NUMBER CARTONS		N	NUMBER	4
The number of cartons a truck can carry during a specific season.				
COST PER KM		N	NUMBER	5,2
The cost per kilometre to transport one carton of seedlings.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE relates to one and only one PLANTING SEASON CODE
- * MUST BE relates to one and only one SEEDLING ADMIN ZONE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SEASTRKCAP	Primary	Y
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FISCAL YEAR

MUST BE relates to one and only one PLANTING SEASON CODE

MUST BE relates to one and only one SEEDLING ADMIN ZONE CODE

Entity Name:	SEED PLAN ZONE CODE	<i>Short Name:</i>	SPZC
<i>Plural:</i>	SEED PLAN ZONE CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:
A list of valid Seed Planning Zone Codes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEED PLAN ZONE CODE		N	VARCHAR2	3
A code describing various Seed Planning Zones.				
DESCRIPTION		N	VARCHAR2	120
A description for the affiliated code.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

SPZ_KEY	<i>Primary</i>	Y
SEED PLAN ZONE CODE		

Entity Name: SEEDLING**Short Name:** SEEDLING**Plural:** SEEDLING**Init. Volume:** 8150**Avg. Volume:****Max. Volume:** 50000**Annual Growth Rate:****Description:**

Seedling request from SPAR related to trees requested for a specific site.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* NSA NUMBER		N	NUMBER	8
Unique Auto Number Key for an NSA request.				
SOWING YEAR		N	NUMBER	5
Part of Foreign Key for linking to Spar Data; The year in which the seed is sown to produce seedlings.				
REQUEST SEQUENCE		N	VARCHAR2	5
unique number assigned to a sowing year & org unit request. Part of the business key				
SEEDLING REQUEST ACTION NO		N	NUMBER	2
identifies the number of times a request has been split/heldover/transplanted. If number = 0 then dealing with original request out of spar.				
INITIAL QTY SEEDLINGS		N	NUMBER	9
Initial number of seedlings requested to be grown by the nursery. Normally is transferred from spar unless key is created via NSA program				
REQUEST TYPE		N	VARCHAR2	4
Code defining whether the record is for Purchase, Speculative or Request for seedlings. (i.e. Prch, Spcl, Rqst)				
PLANTING YEAR		N	NUMBER	4
The year in which the seedlings will be planted at the planting site.				
PLANTING DAY		Y	VARCHAR2	4
The month and day wihtin the planting year and season for which the requesting agency would like the seedlings delivered to the planting site. Normally it is provided for hot lifted stock for summer and fall planting.				
ACTUAL SOWING DATE		Y	DATE	
Date that seed for this request was actually sown in the nursery.				
ELEVATION SITE MAX		N	NUMBER	5
Maximum elevation of request planting site.				
ELEVATION SITE MIN		N	NUMBER	5
Minimum elevation of request planting site.				
LATITUDE DEGREES		N	NUMBER	2
A global designation for the relative distance north or south from the equator, (measured in degrees and minutes). Values should be between 48 and 60 for the province of British Columbia.				
LATITUDE MINUTES		N	NUMBER	2
Smaller units within a degree of latitude. Value should be between 0 and 60.				
LONGITUDE DEGREES		N	NUMBER	3
The longitude (degrees portion) for the intended use of the Seed Lot.				
LONGITUDE MINUTES		N	NUMBER	2
The longitude (minutes portion) for the intended use of the Seed Lot.				
AMOUNT TREES LIFTED		Y	NUMBER	9
The number of trees removed from the Greenhouses for shipping.				
REQUESTED BLOCKS		Y	NUMBER	5
number of planting blocks required to make up the seedlings requested				
LIFT DATE		Y	DATE	

Entity Name:	SEEDLING (cont'd)	Short Name:	SEEDLING
	The date of the removal or partial removal of a request from a growing facility. This can be updated as more of the request is removed.		
LIFT COMPLETE IND	Y VARCHAR2	1	
	Indicates whether the removal of this request from the growing facility has been completed.		
NO PESTICIDE APPLIED USERID	Y VARCHAR2	40	
	The userid of the person who indicated that No Pesticide has been applied to a request.		
NO PESTICIDE APPLIED DATE	Y DATE		
	A date when a user chooses to indicate that No Pesticide has been applied to the request.		
FACILITY NUMBER	Y VARCHAR2	6	
	A Nursery defined number to identify the Facility Location of specific seedlings.		
ENTRY DATE	Y DATE		
	The timestamp when this request was created on NSA.		
ENTRY USERID	N VARCHAR2	40	
	The userid of the person that created this request on NSA.		
REVISION COUNT	N NUMBER	5	
	number times the record has been modified		
UPDATE USERID	N VARCHAR2	40	
	The userid of the person who last modified a request.		
UPDATE DATE	Y DATE		
	A timestamp whan a request was last modified.		
	* = Attributes in primary unique identifier.		

Relationships:

Each Occurrence Of This Entity:

MUST BE grown at one and only one CLIENT LOCATION
 MUST BE requested by one and only one CLIENT LOCATION
 MUST BE grown in one and only one CONTAINER STOCK TYPE XREF
 MAY BE identifies location one and only one FACILITY CODE
 MUST BE is funded by one and only one NSA_FUNDING
 MAY BE may identify one or more NURSERY COMPETENCY INSPECTION
 MUST BE is planted in one and only one ORG UNIT
 MAY BE identifies one or more PLANTING PAYMENT DETAIL
 MUST BE is planted during one and only one PLANTING SEASON CODE
 MAY BE originates from one and only one SEEDLING
 MUST BE split into one or more SEEDLING
 MAY BE allocated to one or more SEEDLING ALLOCATION
 MAY BE identifies one or more SEEDLING AUDIT
 MAY BE lifted into one or more SEEDLING BLOCK
 MAY BE identifies one or more SEEDLING COMMENT
 MAY BE identifies one or more SEEDLING COMPETENCY EXCLUSION
 MAY BE counted in one or more SEEDLING INVENTORY
 MAY BE treated with one or more SEEDLING PESTICIDE
 MUST BE actioned by one and only one SEEDLING REQUEST ACTION CODE
 MAY BE identifies request in one and only one SEEDLING REVIEW LOG
 MUST BE grown until one and only one SEEDLING STOCK AGE CODE
 MAY BE Surplus Accepted By one or more SEEDLING SURPLUS
 MAY BE identifes one or more SEEDLING TRADE ITEM
 MAY BE grown from one and only one SEEDLOT
 MAY BE commented in one or more SHIPPER COMMENT
 MAY BE composed of one or more SHIPPING CARTON

Entity Name:	SEEDLING (cont'd)	<i>Short Name:</i>	SEEDLING
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MAY BE composed of one or more SHIPPING CARTON AUDIT

MAY BE has sample one or more STOCK SAMPLING LINK

MAY BE grown from one and only one VEG LOT

** = Relationships in primary unique identifier.*

Unique Identifiers:

NSA_NUMBER	Primary	Y
NSA NUMBER		

Subtypes:

SEEDLING REQUEST

Entity Name: SEEDLING ADMIN ZONE CODE			Short Name:	SAZC
Plural:	SEEDLING ADMIN ZONE CODE			
Init. Volume:	3	Avg. Volume:		
		Max. Volume:	3	Annual Growth Rate:

Description:
An operational Administration zone that each Nursery falls within, i.e. Coast, North, South, etc.

Attributes:				
<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING ADMIN ZONE CODE		N	VARCHAR2	5
An operational Administration zone that each Nursery falls within, i.e. Coast, North, South, etc.				
DESCRIPTION		N	VARCHAR2	120
A description for the affiliated code.				
EFFECTIVE DATE		N	DATE	
The effective date the code is in effect.				
EXPIRY DATE		N	DATE	
The date the code expires on.				
UPDATE TIMESTAMP		N	DATE	
The date and time the code values were last updated.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE identifies one or more SEASONAL TRUCK CAPACITY
MAY BE provides admin zone for one or more SEEDLING SITE
* = Relationships in primary unique identifier.

Unique Identifiers:
SEEDLING_ADMIN_ZONE_CODE Primary Y
SEEDLING ADMIN ZONE CODE

Entity Name: SEEDLING ALLOCATION			<i>Short Name:</i>	SA
<i>Plural:</i>	SEEDLING ALLOCATION			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Contains the actual number of seedlings allocated to a cut block.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SEEDLINGS ALLOCATED		N	NUMBER	9
identifies the (cutblock)unique_block_identifiers in genus to which a request has been assigned				
ALLOCATION COMPLETED DATE		Y	DATE	
Date user has completed the allocation of seedlings for a Cut Block, CP.				
UPDATE TIMESTAMP		N	DATE	
the last date that the allocation figures were updated.				
UPDATE USERID		N	VARCHAR2	40
USERID of user responsible for the latest changes to the allocation figures.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SEEDLING
- * MUST BE is allocated to one and only one SEEDLING PLANTING UNIT
- * = Relationships in primary unique identifier.

Unique Identifiers:

SA	Primary	Y
MUST BE identified by one and only one SEEDLING		
MUST BE is allocated to one and only one SEEDLING PLANTING UNIT		

Entity Name:	SEEDLING ALLOCATION PREFERENCE	<i>Short Name:</i>	SAP
<i>Plural:</i>	SEEDLING ALLOCATION PREFERENCE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Stores the Planned Species & trees to be planted on a cut-block. Fields data is mostly provided by genus and then updated by users in NSA to facilitate the seedling allocation process. Updated data may be transferred back to Genus at a later date.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SPECIES PCT		Y	NUMBER	5,1
Percentage of the cutblock to be planted in the selected species.				
TARGET DENSITY		Y	NUMBER	5
The target stand density of total countable conifers.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE prefers one and only one CONTAINER STOCK TYPE XREF

* MAY BE Planted On one and only one SEEDLING PLANTING UNIT

* MUST BE identifies by one and only one VEGETATION CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SAPREF_PK	<i>Primary</i>	Y
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MAY BE Planted On one and only one SEEDLING PLANTING UNIT

MUST BE identifies by one and only one VEGETATION CODE

Entity Name: SEEDLING AUDIT**Short Name:** SDLNG AUDT**Plural:** SEEDLING AUDIT**Init. Volume:** 8150**Avg. Volume:****Max. Volume:** 100000**Annual Growth Rate:****Description:**

Seedling request from SPAR related to trees requested for a specific site.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* REVISION COUNT		N	NUMBER	5
number times the record has been modified				
AGENCY CLIENT LOCN		N	VARCHAR2	2
location descriptor of the agency that requested the seedlings to be grown				
AGENCY CLIENT NUMBER		N	VARCHAR2	8
Client number of agency that requested the seedlings to be grown				
CONTAINER STOCK TYPE XREF		N	NUMBER	4
Container that the seedling is being grown in ie: PSB 615A				
NURSERY CLIENT NUMBER		N	VARCHAR2	8
client number of nursery responsible for growing seedling				
NURSERY CLIENT LOCN		N	VARCHAR2	2
location descriptor of nursery growing seedling				
INITIAL QTY SEEDLINGS		N	NUMBER	9
Initial number of seedlings requested to be grown by the nursery. Normally is transferred from spar unless key is created via NSA program				
REQUEST TYPE		N	VARCHAR2	4
Code defining whether the record is for Purchase, Speculative or Request for seedlings. (i.e. Prch, Spcl, Rqst)				
PLANTING YEAR		N	NUMBER	4
The year in which the seedlings will be planted at the planting site.				
PLANTING SEASON CODE		N	VARCHAR2	2
Planting Season of Request ie: SP Spring, FA fall				
PLANTING DAY		Y	VARCHAR2	4
The month and day wihtin the planting year and season for which the requesting agency would like the seedlings delivered to the planting site. Normally it is provided for hot lifted stock for summer and fall planting.				
ACTUAL SOWING DATE		Y	DATE	
Date that seed for this request was actually sown in the nursery.				
SEEDLOT NUMBER		Y	VARCHAR2	5
A unique number assigned to a species of seed collected from a specific geographic area and elevation.				
CROP TYPE		Y	VARCHAR2	1
Type of crop being sown. B=Blocks M=Metres (used for cuttings)				
SEEDLINGS REQUIRED		Y	NUMBER	9
actual number of seedlings required by the agency from their original request at beginning of year. May be more or less than the initial request. Helps to identify surplus or deficit requests.				
SEEDLINGS REQUIRED USERID		Y	VARCHAR2	40
user who last modified the seedlings required amount				
SPAR FUND SRCE CODE		N	VARCHAR2	3
A code describing various Funding Sources.				
SEEDLINGS REQUIRED DATE		Y	DATE	
Date the seedlings required was entered into the record.				

Entity Name: SEEDLING AUDIT (cont'd)		Short Name:	SDLNG AUDT
AGENCY APPROVAL IND	Y VARCHAR2	1	
Indicates whether the requesting agency is accepting or rejecting any overruns. Blank = no accepted amount entered. Y= accepted overruns to the amount entered in the seedlings_accepted field. N= only accepting requested amount			
DATE SEEDLINGS ACCEPTED	Y DATE		
date of which the seedlings accepted amount was entered.			
SEEDLINGS ACCEPTED	Y NUMBER	9	
Number of seedlings of those lifted that the requested agency is accepting. Required for actual billing purposes			
SEEDLINGS ACCEPTED TIMESTAMP	Y DATE		
The Date/Time the seedlings were accepted.			
SEEDLINGS ACCEPTED USERID	Y VARCHAR2	40	
userid of user entering trees accepted information			
VEG LOT ID	Y VARCHAR2	5	
A unique number assigned to a species of cutting collected from a specific geographic area and elevation.			
SEEDLING STOCK AGE CODE	N VARCHAR2	6	
A code which represents the age of the stock being requested to be grown. It has three parts (two characters each) each representing the number of years in a given growin gmedium. e.g. 151510 represents 1.5 + 1.5 + 1.0 years (4.0 years).			
AMOUNT SOWN	Y NUMBER	5	
Amount of Blocks or Metres sown. (Crop type identifies Blocks or Metres)			
FACILITY CODE	Y VARCHAR2	2	
A code describing various facilities.			
AMOUNT TREES LIFTED	Y NUMBER	9	
The number of trees removed from the Greenhouses for shipping.			
LIFT DATE	Y DATE		
The date of the removal or partial removal of a request from a growing facility. This can be updated as more of the request is removed.			
LIFT COMPLETE IND	Y VARCHAR2	1	
Indicates whether the removal of this request from the growing facility has been completed.			
NO PESTICIDE APPLIED USERID	Y VARCHAR2	40	
The userid of the person who indicated that No Pesticide has been applied to a request.			
NO PESTICIDE APPLIED DATE	Y DATE		
A date when a user chooses to indicate that No Pesticide has been applied to the request.			
FACILITY NUMBER	Y VARCHAR2	6	
A Nursery defined number to identify the Facility Location of specific seedlings.			
REQUESTED BLOCKS	Y NUMBER	5	
number of planting blocks required to make up the seedlings requested			
UPDATE USERID	N VARCHAR2	40	
The userid of the person who last modified a request.			
UPDATE DATE	Y DATE		
A timestamp whan a request was last modified.			
* = Attributes in primary unique identifier.			

Relationships:**Each Occurrence Of This Entity:**

* MUST BE tracks history one and only one SEEDLING

* = Relationships in primary unique identifier.

Unique Identifiers:

Entity Name:	SEEDLING AUDIT (cont'd)	Short Name:	SDLNG AUDT
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SEED_REV_COUNT

Primary Y

MUST BE tracks history one and only one SEEDLING REVISION COUNT

Entity Name: SEEDLING BLOCK			<i>Short Name:</i>	SEEDBL
<i>Plural:</i>	SEEDLING BLOCK			
<i>Init. Volume:</i>	4600	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	42000
			<i>Annual Growth Rate:</i>	

Description:

Number of styroblocks lifted during a lift.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LIFTED TIMESTAMP		N	DATE	
A timestamp when blocks were removed from a growing site.				
NUMBER BLOCKS		N	NUMBER	4
Blocks lifted from a growing site to allow calculation of blocks unlified for a request.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

* MUST BE lifted for one and only one SEEDLING

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SEEDBL	<i>Primary</i>	<i>Y</i>
<i>LIFTED TIMESTAMP</i>		
<i>MUST BE lifted for one and only one SEEDLING</i>		

Entity Name: SEEDLING CARTON		<i>Short Name:</i>	SC1
<i>Plural:</i>	SEEDLING CARTON		
<i>Init. Volume:</i>	4000	<i>Avg. Volume:</i>	<i>Max. Volume:</i> 4700
		<i>Annual Growth Rate:</i>	

Description:

Average number of seedlings of specific stocktype and age which will fit into the specific carton type.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SEEDLINGS PER CARTON		N	NUMBER	4

Average number of seedlings of specific stocktype and age which will fit into the specific carton type.

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE requires one and only one CARTON SIZE
 - * MUST BE requires one and only one CONTAINER STOCK TYPE XREF
 - * MUST BE requires one and only one SEEDLING STOCK AGE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

SC1	<i>Primary</i>	Y
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MUST BE requires one and only one CARTON SIZE
MUST BE requires one and only one CONTAINER STOCK TYPE XREF
MUST BE requires one and only one SEEDLING STOCK AGE CODE

Entity Name: SEEDLING COMMENT			Short Name:	SDLGCOM
Plural:	SEEDLING COMMENT			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Stores associated comments for a seedling request.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* COMMENT ID		N	NUMBER	9,0
Unique sequential id assigned to identify a row in the table.				
NSA COMMENT		N	VARCHAR2	4000
The User comment for a specific NSA_Number and Comment_Srce.				
ENTRY USERID		N	VARCHAR2	40
The userid of the person that created this comment.				
ENTRY TIMESTAMP		N	DATE	
A timestamp when the comment was made.				
UPDATE USERID		N	VARCHAR2	40
The userid of the person that updated the Seedling Comment.				
UPDATE TIMESTAMP		N	DATE	
A timestamp when the Seedling Comment was updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE identified by one and only one SEEDLING
MUST BE identifies one and only one SEEDLING COMMENT TYPE CODE
* = Relationships in primary unique identifier.

Unique Identifiers:

COMMENT_ID_PK	Primary	Y
COMMENT ID		

Entity Name: SEEDLING COMMENT TYPE CODE			<i>Short Name:</i>	SCTC
<i>Plural:</i>	SEEDLING COMMENT TYPE CODE			
<i>Init. Volume:</i>	3	<i>Avg. Volume:</i>		
		<i>Max. Volume:</i>	3	<i>Annual Growth Rate:</i>

Description:

Identified the type of code being created by the user. Seedling, Inventory, Overrun, etc

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING COMMENT TYPE CODE		N	VARCHAR2	5
An operational Administration zone that each Nursery falls within, i.e. Coast, North, South, etc.				
DESCRIPTION		N	VARCHAR2	120
A description for the affiliated code.				
EFFECTIVE DATE		N	DATE	
The effective date the code is in effect.				
EXPIRY DATE		N	DATE	
The date the code expires on.				
UPDATE TIMESTAMP		N	DATE	
The date and time the code values were last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE is identified by one or more SEEDLING COMMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

SEEDLING_ADMIN_ZONE_CODE	Primary	Y
SEEDLING COMMENT TYPE CODE		

Entity Name: SEEDLING COMPETENCY EXCLUSION**Short Name:** SDLGCOMEXC**Plural:** SEEDLING COMPETENCY EXCLUSION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Identifies request keys that have been excluded from a specific or all inspections. When excluded a request key is not included in calculations.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* EXCLUSION ID		N NUMBER	9,0
Unique sequential id assigned to identify a row in the table.			
CANCELLED IND		N VARCHAR2	1
Indicates that the request to remove the request key from one or all inspections has been cancelled.			
EXCLUDED REASON		N VARCHAR2	4000
The User comment for a specific NSA_Number and Comment_Srce.			
ENTRY USERID		N VARCHAR2	40
The userid of the person that created the exclusion status.			
ENTRY TIMESTAMP		N DATE	
A timestamp when the exclusion status was made.			
UPDATE USERID		N VARCHAR2	40
The userid of the person that updated the exclusion status.			
UPDATE TIMESTAMP		N DATE	
A timestamp when the exclusion status was updated.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

MAY BE is excluded from one and only one NURSERY COMPETENCY INSPECTION

MUST BE is identified by one and only one SEEDLING

* = Relationships in primary unique identifier.

Unique Identifiers:

EXCLUSION_ID_PK Primary Y

EXCLUSION ID

Entity Name:	SEEDLING CONTAINER CODE		<i>Short Name:</i>	SCC
<i>Plural:</i>	SEEDLING CONTAINER CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A code representing the type of container in which seedlings will be grown (if container stock). The first character represents the approximate diameter, the next two characters represent the approximate depth, and a one character density code.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING CONTAINER CODE		N	VARCHAR2	4

A code representing the type of container in which seedlings will be grown (if container stock). The first character represents the approximate diameter, the next two characters represent the approximate depth, and a one character density code.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE contains a code for one or more CAVITIES BLOCK

MAY BE identifies one or more CAVITIES DENSITY

MAY BE identifies one or more CONTAINER STOCK TYPE XREF

MAY BE identifies one or more INITIAL NURSERY STOCK

MAY BE contains a code for one or more LATEST_SOWING_DATE

MAY BE identifies one or more SEEDLING TRANSPORT CARTON

MAY BE contains a code for one or more SPAR REQUEST

MAY BE contains a code for one or more STOCK SPECIFICATION

MAY BE is described by one or more STOCK SPECIFICATION

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SEEDLING_CONTAINER_CODE	<i>Primary</i>	Y
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SEEDLING CONTAINER CODE

Entity Name: SEEDLING INVENTORY			<i>Short Name:</i>	RI
<i>Plural:</i>	SEEDLING INVENTORY			
<i>Init. Volume:</i>	33000	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	200000
			<i>Annual Growth Rate:</i>	

Description:

An estimate of the number of trees growing in a nursery at the time the sample was taken.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVENTORY DATE		N	DATE	
Date when trees are sampled for seedling inventory.				
INVENTORY AMOUNT		Y	NUMBER	9,0
Estimated number of trees growing for a particular request key at the date of sampling.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

* MUST BE inventory of one and only one SEEDLING

* = *Relationships in primary unique identifier.*

Unique Identifiers:

INVENTORY_KEY	<i>Primary</i>	<i>Y</i>
<i>INVENTORY DATE</i>		
<i>MUST BE inventory of one and only one SEEDLING</i>		

Entity Name: SEEDLING PESTICIDE			Short Name:	SEEDPEST
Plural:	SEEDLING PESTICIDE			
Init. Volume:	12000	Avg. Volume:	Max. Volume:	95700
		Annual Growth Rate:		

Description:
Pesticide applied to particular seedlings.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TREATMENT DATE		N	DATE	
Date of pesticide application.				
APPLICATION RATE		N	VARCHAR2	15
Rate of pesticide application per unit.				
FORMULATION		N	VARCHAR2	15
Physical state of pesticide applied. i.e. WP for wettable powder.				
GUARANTEE PERCENT		N	NUMBER	3
The active ingredient guaranteed in the basic pesticide formulation.				
APPLICATION METHOD		Y	VARCHAR2	20
The method of pesticide application. i.e. spray.				
REASON FOR APPLICATION		Y	VARCHAR2	50
The reason for pesticide application, i.e. insects.				
ENTRY USERID		Y	VARCHAR2	40
Userid of data entry of pesticide application.				
ENTRY DATE		N	DATE	
Date pesticide application was entered into system.				
REVISION COUNT		N	NUMBER	5
number of times record has been modified				
* = Attributes in primary unique identifier.				

Relationships:

- Each Occurrence Of This Entity:
- * MUST BE is applied with one and only one PESTICIDE
 - * MUST BE is applied to one and only one SEEDLING
- * = Relationships in primary unique identifier.

Unique Identifiers:

PESTICIDE_KEY	Primary	Y
TREATMENT DATE		
MUST BE is applied with one and only one PESTICIDE		
MUST BE is applied to one and only one SEEDLING		

Entity Name: SEEDLING PLANTING UNIT**Short Name:**

SPU

Plural: SEEDLING PLANTING UNIT**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Maintains a cross reference list of Genus Cut Blocks planting units and corresponding field data to be used for estimating Seedling Allocation and the payment verification process. Some of the field information will be xfered back into Genus once all processing in NSA has been completed.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SEEDLING PLANTING UNIT ID		N NUMBER	11
Unique Id (auto generated sequence) for a Licence, CP, Blk, Planting Unit entry			
CUTB SEQ NBR		N NUMBER	15
Link to cutblock in genus system.			
SILA SEQ NBR		N NUMBER	15
Unique Id from the genus system to identify an activity. Used to link back to associated activity.			
SIPR SEQ NBR		Y NUMBER	15
Unique id assigned to a project within genus. Used link to project information. May be empty as not all users create projects for their activities.			
PLUN SEQ NBR		N NUMBER	15
Unique id from genus to identify a planting unit assigned to an activity on a cut-block. Link required to access Genus data.			
PRIORITY IND		N VARCHAR2	1
Indicates if the planting unit takes priority when allocating stock			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE identifies one or more PAYMENT PLOT

MAY BE assigned to one or more PLANTING PAYMENT DETAIL

MAY BE planted with one or more SEEDLING ALLOCATION

MUST BE Planted with one or more SEEDLING ALLOCATION PREFERENCE

* = Relationships in primary unique identifier.

Unique Identifiers:

NSA_GENUS_CB Primary Y

SEEDLING PLANTING UNIT ID

Entity Name: SEEDLING REQUEST**Short Name:** SEEDREQ**Plural:** SEEDLING REQUEST**Init. Volume:** **Avg. Volume:****Max. Volume:****Annual Growth Rate:****Subtype of:** SEEDLING**Description:**

A sub-type of Seedling.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
SEEDLINGS REQUIRED USERID		Y VARCHAR2	40
The UserID of the User entering the Seedling_Required information into the system.			
SEEDLINGS REQUIRED DATE		Y DATE	
Date the Seedlings_Required information was entered into the system.			
SEEDLINGS REQUIRED		Y NUMBER	9,0
Number of seedlings the District requires for the planting season. This figure may be greater than or less than the actual trees requested.			
CROP TYPE		Y VARCHAR2	1
Indicates the type of crop ie: C=Container, is sown by blocks; B = Bareroot, is sown by metres			
REQUESTED BLOCKS		Y NUMBER	5,0
Blocks required to be sown per request key.			
AMOUNT SOWN		Y NUMBER	5
The number of blocks or metres sown for a seedling request.			
SEEDLINGS ACCEPTED		Y NUMBER	9,0
Seedlings accepted per request key by originating agency.			
DATE SEEDLINGS ACCEPTED		Y DATE	
Date that an agency enters Seedlings Accepted and Agency Approval Ind.			
SEEDLINGS ACCEPTED TIMESTAMP		Y DATE	
The date/time that a user entered an amount into the seedlings_accepted field.			
SEEDLINGS ACCEPTED USERID		Y VARCHAR2	40
The userid of the user accepting the seedlings/trees			
AGENCY APPROVAL IND		Y VARCHAR2	1
Approval code indicating client acceptance of overrun seedlings, i.e. Y, N or blank.			

* = Attributes in primary unique identifier.

Entity Name: SEEDLING REQUEST ACTION CODE			Short Name:	SCC_1
Plural:	SEEDLING REQUEST ACTION CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
A code representing the type of container in which seedlings will be grown (if container stock). The first character represents the approximate diameter, the next two characters represent the approximate depth, and a one character density code.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING REQUEST ACTION CODE		N	VARCHAR2	1
A code representing the type of container in which seedlings will be grown (if container stock). The first character represents the approximate diameter, the next two characters represent the approximate depth, and a one character density code.				
DESCRIPTION		N	VARCHAR2	120
A description for the affiliated code.				
EFFECTIVE DATE		N	DATE	
The effective date the code is in effect.				
EXPIRY DATE		N	DATE	
The date the code expires on.				
UPDATE TIMESTAMP		N	DATE	
The date and time the code values were last updated.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE relates to one or more SEEDLING
* = Relationships in primary unique identifier.

Unique Identifiers:
SEEDLING_CONTAINER_CODE Primary Y
SEEDLING REQUEST ACTION CODE

Entity Name: SEEDLING REVIEW LOG			<i>Short Name:</i>	SRL
<i>Plural:</i>	SEEDLING REVIEW LOG			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Used to record transactions that admin services or requesting agencies need to monitor and perform some action on. ie: approval of surplus requests or changes to required amounts.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LOG ENTRY ID		N	NUMBER	8
Unique id assigned to an entry in the log.				
SEEDLINGS REQUIRED		Y	NUMBER	9
number of seedlings required by the requesting agency.				
SEEDLINGS ACCEPTED		Y	NUMBER	9
number of seedlings accepted by the requesting agency				
COMMENTS		Y	VARCHAR2	50
any identifying comments for review by either the admin services or requesting agency				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE identified by one and only one SEEDLING

* = Relationships in primary unique identifier.

Unique Identifiers:

SRL	Primary	Y
LOG ENTRY ID		

Entity Name: SEEDLING SITE			<i>Short Name:</i>	STS
<i>Plural:</i>	SEEDLING SITE			
<i>Init. Volume:</i>	100	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	200
			<i>Annual Growth Rate:</i>	

Description:

Site where seedlings are located, i.e. storage site, nursery, etc.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
LOCATION TYPE		N	VARCHAR2	1
Type of site where seedlings are located, i.e. S=Storage, N=Nursery.				
SITE ACRONYM		N	VARCHAR2	8
User defined acronym for a specific client site.				
REVISION COUNT		N	NUMBER	5
number of times a record has been modified				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

* MUST BE provides operation area one and only one CLIENT LOCATION

MAY BE exists within one and only one SEEDLING ADMIN ZONE CODE

MAY BE operates within one and only one SEEDLING TRANSPORT ZONE CODE

MAY BE identifies sample site one or more STOCK_SAMPLING

* = *Relationships in primary unique identifier.*

Unique Identifiers:

STS	<i>Primary</i>	Y
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MUST BE provides operation area one and only one CLIENT LOCATION

Entity Name: SEEDLING STOCK AGE CODE		Short Name:	SSAC
Plural:	SEEDLING STOCK AGE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

SPAR: A code which represents the age of the stock being requested to be grown. It has three parts (two characters each) each representing the number of years in a given growin gmedium. e.g. 151510 represents 1.5 + 1.5 + 1.0 years (4.0 years).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING STOCK AGE CODE		N	VARCHAR2	6
A code which represents the age of the stock being requested to be grown. It has three parts (two characters each) each representing the number of years in a given growin gmedium. e.g. 151510 represents 1.5 + 1.5 + 1.0 years (4.0 years).				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE identifies one or more INITIAL NURSERY STOCK
- MAY BE contains a code for one or more LATEST_SOWING_DATE
- MAY BE provides age limit for one or more SEEDLING
- MAY BE is a list for one or more SEEDLING CARTON
- MAY BE is code for one or more SEEDLING TRADE PRICE
- MAY BE contains a code for one or more SPAR REQUEST
- MAY BE is specified for one or more STOCK_SAMPLING
- MAY BE contains a code for one or more STOCK SPECIFICATION
- MAY BE identifies one or more STOCK SPECIFICATION
- MAY BE must be one or more STORAGE TRANSPORT COST
- * = Relationships in primary unique identifier.

Unique Identifiers:

SEEDLING_STOCK_AGE_CODE	Primary	Y
SEEDLING STOCK AGE CODE		

Entity Name:	SEEDLING STOCK TYPE CODE	<i>Short Name:</i>	SSTC
<i>Plural:</i>	SEEDLING STOCK TYPE CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

SPAR: A code which represents the type of stock which is to be grown at the nursery.
.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING STOCK TYPE CODE		N	VARCHAR2	3
A code which represents the type of stock which is to be grown at the nursery.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifies one or more CONTAINER STOCK TYPE XREF
MAY BE identifies one or more INITIAL NURSERY STOCK
MAY BE contains a code for one or more LATEST_SOWING_DATE
MAY BE contains a code for one or more SPAR REQUEST
MAY BE contains a code for one or more STOCK SPECIFICATION
* = Relationships in primary unique identifier.

Unique Identifiers:

SEEDLING_STOCK_TYPE_CODE	Primary	Y
SEEDLING STOCK TYPE CODE		

Entity Name: SEEDLING SURPLUS			Short Name: SDLNG_SUR
Plural:	SEEDLING SURPLUS		
Init. Volume:	Avg. Volume:	Max. Volume: 300000	Annual Growth Rate:

Description:

List of Accepted Seedlings that are surplus to the original requestor.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING SURPLUS ID		N	NUMBER	10
unique system generated id assigned to a surplus accepted record. Used by shipping carton to identify the request that is accepting specific cartons at a storage location.				
SURPLUS DATE ACCEPTED		N	DATE	
Date the Seedling Surplus was accepted by the Agency.				
SURPLUS TREES ACCEPTED		N	NUMBER	9,0
Number of surplus trees accepted by the Agency.				
ACCEPTED COMMENT		Y	VARCHAR2	1000
Allows users to enter any specific shipping requirement information or in the case where a seedling surplus request is cancelled to enter the cancelled reason.				
ENTRY DATE		N	DATE	
Date the Seedling Surplus was entered into the system.				
ENTRY USERID		N	VARCHAR2	40
The UserID of the person entering the Seedling Surplus into the system.				
UPDATE DATE		Y	DATE	
Date the Seedling Surplus information was updated.				
UPDATE USERID		Y	VARCHAR2	40
UserId of the person updating the Seedling Surplus information.				
REVISION COUNT		N	NUMBER	5
number of times a record has been modified				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE Is Accepted By one and only one CLIENT LOCATION
- MUST BE Seedling Info one and only one SEEDLING
- MAY BE identifies one or more SEEDLING SURPLUS AUDIT
- MAY BE applied to one and only one SEEDLING TRADE ITEM
- MAY BE assigned cartons one or more SHIPPING CARTON
- MUST BE has status one and only one SURPLUS TRANS STATUS CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

SDLNG_SUR	Primary	Y
SEEDLING SURPLUS ID		

Entity Name: SEEDLING SURPLUS AUDIT			<i>Short Name:</i> SDLNG_SU_A		
<i>Plural:</i> SEEDLING SURPLUS AUDIT					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i> 300000	
<i>Annual Growth Rate:</i>					

Description:
List of Accepted Seedlings that are surplus to the original requestor.

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SURPLUS DATE ACCEPTED		N	DATE	
Date the Seedling Surplus was accepted by the Agency.				
SURPLUS TREES ACCEPTED		N	NUMBER	9,0
Number of surplus trees accepted by the Agency.				
SURPLUS TRANS STATUS CODE		N	VARCHAR2	3
A code used to identify the status of a request for Surplus trees.				
ACCEPTED COMMENT		Y	VARCHAR2	1000
Allows users to enter any specific shipping requirement information or in the case where a seedling surplus request is cancelled to enter the cancelled reason.				
UPDATE DATE		Y	DATE	
Date the Seedling Surplus information was updated.				
UPDATE USERID		Y	VARCHAR2	40
UserId of the person updating the Seedling Surplus information.				
* REVISION COUNT		N	NUMBER	5
number of times a record has been modified				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:

- * MUST BE tracks history one and only one SEEDLING SURPLUS
- * = Relationships in primary unique identifier.

Unique Identifiers:
SEED_SUR_REV_CNT Primary Y
 REVISION COUNT
 MUST BE tracks history one and only one SEEDLING SURPLUS

Entity Name: SEEDLING TRADE ITEM			Short Name:	STI
Plural:	SEEDLING TRADE ITEM			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

List of Request Keys and their associated costs for a specific trade contract

<i>Attributes:</i>				
<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
NUMBER SEEDLINGS		N	NUMBER	9
Number of Seedlings for a specific Request Key on the Trade Transaction.				
SEEDLING TRADE PRICE		N	NUMBER	6,2
trade price for seedling from a specific request. Based on request seedlot/age information.				
UNIT SEED COST		N	NUMBER	6,2
unit seed cost in cents per seed required to grow a specific request				
STORAGE COST		N	NUMBER	6,2
storage cost in cents per seedling to store a lifted seedling				
TRANSPORT COST		N	NUMBER	6,4
Transport cost in cents per seedling to ship a lifted seedling				
OVERRIDE COST COMMENT		Y	VARCHAR2	250
User comment describing the reason for overriding the default cost of the purchase sale.				
OVERRIDE COST USERID		Y	VARCHAR2	40
Userid of the person giving the reason for overriding the default cost of the purchase sale.				
OVERRIDE COST DATE		Y	DATE	
A Timestamp of when the User comment describing the reason for overriding the default cost of the purchase sale was made.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE picked up at one and only one CLIENT LOCATION

* MUST BE identified by one and only one SEEDLING

MAY BE relates to one and only one SEEDLING SURPLUS

* MUST BE is part of one and only one SEEDLING TRADE TRANSACTION

* = Relationships in primary unique identifier.

Unique Identifiers:

STI	Primary	Y
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MUST BE is part of one and only one SEEDLING TRADE TRANSACTION

MUST BE identified by one and only one SEEDLING

Entity Name: SEEDLING TRADE PRICE		Short Name:	STP
Plural:	SEEDLING TRADE PRICE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

The commercial equivalent price of seedling for purchase or sale purposes based on weighted mean of the bid values for a specific species, stock type, container size, age, season and fiscal year.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
Fiscal year in which the seedling trade price is in effect.				
SEEDLING TRADE PRICE		N	NUMBER	6,2
Price, in cents, per seedling for purchase or sale.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE assigned by one and only one CONTAINER STOCK TYPE XREF
- * MUST BE identified by one and only one PLANTING SEASON CODE
- * MUST BE assigned by one and only one SEEDLING STOCK AGE CODE
- * MUST BE assigned by one and only one VEGETATION CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

FISC_YR_KEY	Primary	Y
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FISCAL YEAR

MUST BE assigned by one and only one VEGETATION CODE

MUST BE assigned by one and only one CONTAINER STOCK TYPE XREF

MUST BE assigned by one and only one SEEDLING STOCK AGE CODE

MUST BE identified by one and only one PLANTING SEASON CODE

Entity Name: SEEDLING TRADE TRANSACTION

Short Name:

STT

Plural: SEEDLING TRADE TRANSACTION

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Seedling purchase or sale contract. This table stores the single entry items for the contract. Client address information is retrieved from the client system, but a separate seller or buyer representative is stored as a contact name for the organization/ministry client on the contract

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CONTROL NUMBER		N	NUMBER	7
Unique identifier for the Seedling Trade Transaction.				
FILE NUMBER		Y	VARCHAR2	20
file number assigned by user to purchase/sale contract				
PROJECT		Y	VARCHAR2	20
An ID allowing users to group Trade Transactions.				
SELLER REPRESENTATIVE		Y	VARCHAR2	50
representative of the seller that is responsible for the contract				
SELLER AUTHORIZED ID		Y	VARCHAR2	40
userid of user that authorizes the contract on behalf of the seller				
SELLER AUTHORIZED DATE		Y	DATE	
date the seller authorizes the contract				
BUYER REPRESENTATIVE		Y	VARCHAR2	50
representative of the buyer that is responsible for the contract				
BUYER AUTHORIZED ID		Y	VARCHAR2	40
userid of user that authorizes the contract on behalf of the buyer				
BUYER AUTHORIZED DATE		Y	DATE	
date the buyer authorizes the contract				
PROVINCIAL SALE TAX		Y	NUMBER	6,2
The Provincial Sales Tax applied the Seedling Trade Transaction.				
GOODS SERVICES TAX		Y	NUMBER	6,2
The Goods and Services Tax applied the Seedling Trade Transaction.				
AGREEMENT DATE		N	DATE	
date the contract agreement was created.				
ENTRY USERID		N	VARCHAR2	40
userid of user who first created the contract				
ENTRY DATE		N	DATE	
date contract entered into the system				
UPDATE USERID		N	VARCHAR2	40
userid of user who updated the contract.				
UPDATE DATE		N	DATE	
date contract last modified				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE bought by one and only one CLIENT LOCATION

MUST BE sold by one and only one CLIENT LOCATION

MAY BE consists of one or more SEEDLING TRADE ITEM

* = Relationships in primary unique identifier.

Unique Identifiers:

Entity Name:	SEEDLING TRADE TRANSACTION (cont'd)	<i>Short Name:</i>	STT
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STT	<i>Primary</i>	Y
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CONTROL NUMBER

Entity Name: SEEDLING TRANSPORT CARTON			<i>Short Name:</i> SEEDTRNCRT		
<i>Plural:</i> SEEDLING TRANSPORT CARTON					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
			<i>Annual Growth Rate:</i>		

Description:

Stores the average number of cavities in a shipping carton for a specific Fiscal Year. Required for calculation of Tender Bid Prices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
The Fiscal Year for which the average number of seedlings has been calculated.				
NUMBER SEEDLINGS		N	NUMBER	4
Average number of seedlings a carton type can hold for transportation purposes.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE relates to one and only one SEEDLING CONTAINER CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SEEDTRNCRT	Primary	Y
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FISCAL YEAR

MUST BE relates to one and only one SEEDLING CONTAINER CODE

Entity Name: SEEDLING TRANSPORT ZONE CODE			<i>Short Name:</i>	OPZONE
<i>Plural:</i>	SEEDLING TRANSPORT ZONE CODE			
<i>Init. Volume:</i>	8	<i>Avg. Volume:</i>		<i>Max. Volume:</i> 20
			<i>Annual Growth Rate:</i>	

Description:
A code that defines the Zone or area in the province for seedling transport.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLING TRANSPORT ZONE CODE		N	VARCHAR2	1
A code that defines the Zone or area in the province.				
DESCRIPTION		N	VARCHAR2	120
A description for the affiliated code.				
EFFECTIVE DATE		N	DATE	
The effective date the code is in effect.				
EXPIRY DATE		N	DATE	
The date the code expires on.				
UPDATE TIMESTAMP		N	DATE	
The date and time the entry was modified.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE identifies one or more DISTRICT SEEDLING TRANS ZONE
MAY BE provides transport zone for one or more SEEDLING SITE
* = *Relationships in primary unique identifier.*

Unique Identifiers:
TRANSPORT_ZONE_CODE *Primary* *Y*
SEEDLING TRANSPORT ZONE CODE

Entity Name: SEEDLOT		<i>Short Name:</i>	SEE
<i>Plural:</i>	SEEDLOT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

SPAR: A unique ID assigned to a species of seed collected from a specific geographic area and elevation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLOT NUMBER		N	VARCHAR2	5
A unique number assigned to a species of seed collected from a specific geographic area and elevation.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE is collected by one and only one CLIENT LOCATION
 - MAY BE is extracted by one and only one CLIENT LOCATION
 - MUST BE is stored by one and only one CLIENT LOCATION
 - MAY BE is administered by one and only one ORG UNIT
 - MAY BE is adjusted by one or more REQUEST SEEDLOT
 - MAY BE provides seeds for one or more SEEDLING
 - MAY BE is tested by one or more SEEDLOT TEST
 - MAY BE is specified for one or more STOCK_SAMPLING
 - MAY BE is a source of one or more VEG LOT
- * = Relationships in primary unique identifier.

Unique Identifiers:

SEEDLOT	<i>Primary</i>	Y
SEEDLOT NUMBER		

Entity Name: SEEDLOT TEST				Short Name:	ST
Plural:	SEEDLOT TEST				
Init. Volume:	50000	Avg. Volume:	10000	Max. Volume:	100000
			Annual Growth Rate:		

Description:

Seed Lots are tested periodically. Several tests may be performed at or around the same time. For Germination tests, the type of test indicates the type of preparation done on the seed. Preparation methods are ranked in terms of the germination results.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TEST DATE		N	DATE	
The actual date (year, month, and day) that the test was completed.				
* SEEDLOT TEST CODE		N	VARCHAR2	3
A code which represents the type of test that was performed against a seed lot.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE periodically tests one and only one SEEDLOT

* = Relationships in primary unique identifier.

Unique Identifiers:

SEEDLOT_TEST_PK	Primary	Y
MUST BE periodically tests one and only one SEEDLOT		
TEST DATE		
SEEDLOT TEST CODE		

Entity Name: SHIPPER COMMENT		<i>Short Name:</i>	SC
<i>Plural:</i>	SHIPPER COMMENT		
<i>Init. Volume:</i>	8800	<i>Avg. Volume:</i>	<i>Max. Volume:</i> 35800
		<i>Annual Growth Rate:</i>	

Description:
A quality control comment about a specific item on the packing slip.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SHIPPER COMMENT		N	VARCHAR2	100
A general comment area for the sender of seedlings. This comment pertains to a single line on the Transport Form which may pertain to multiple cartons.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:
Each Occurrence Of This Entity:

- * MUST BE refers to one and only one SEEDLING
- * MUST BE refers to one and only one STOCK MOVEMENT

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SC	<i>Primary</i>	Y
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MUST BE refers to one and only one STOCK MOVEMENT
MUST BE refers to one and only one SEEDLING

Entity Name: SHIPPING CARTON*Short Name:*

SC2

Plural: SHIPPING CARTON*Init. Volume:* 41561*Avg. Volume:**Max. Volume:* 1900000*Annual Growth Rate:***Description:**

The status and location of a lifted carton.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* CARTON NUMBER		N NUMBER	30
A unique autonumber to distinguish a specific carton. Number range is 1 to 10,000,000.			
SEEDLINGS PER CARTON		N NUMBER	3
The number of seedlings in the carton.			
CARTON LIFT DATE		N DATE	
The date this specific carton was Lifted.			
CARTON STATUS CODE		N VARCHAR2	3
Current status of a seedling carton, i.e. Reg = Regular, Sur = Surplus or Des = Destroyed.			
DESTROYED DATE		Y DATE	
The date the carton of seedlings were destroyed.			
DESTROYED REASON		Y VARCHAR2	100
The reason the carton of seedlings were destroyed.			
DISPOSAL USERID		Y VARCHAR2	40
userid of user who indicated that the specified carton was destroyed			
DISPOSAL DATE		Y DATE	
date carton was marked as destroyed			

* = *Attributes in primary unique identifier.***Relationships:***Each Occurrence Of This Entity:*

MUST BE is defined by one and only one CARTON SIZE

MUST BE is currently at one and only one CLIENT LOCATION

MUST BE listed in one and only one SEEDLING

MAY BE identified by one and only one SEEDLING SURPLUS

MAY BE transported by one or more STOCK MOVEMENT CARTON LINK

* = *Relationships in primary unique identifier.***Unique Identifiers:**CARTON_KEY *Primary Y*

CARTON NUMBER

Entity Name: SHIPPING CARTON AUDIT*Short Name:*

SCAUDIT

Plural: SHIPPING CARTON AUDIT*Init. Volume:* 41561*Avg. Volume:**Max. Volume:* 1900000*Annual Growth Rate:***Description:**

Summary of an invoice's carton records to allow users to track changes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SHIPPING CARTON AUDIT ID		N	NUMBER	9
Unique id for an invoice's specific request key carton rollup. (Auto Sequence)				
NUMBERCARTONS		N	NUMBER	30
total no. of cartons for the specified nsa_number (request) on the specified tracking no (invoice)				
SEEDLINGS PER CARTON		N	NUMBER	3
The number of seedlings in the carton.				
CARTON STATUS CODE		N	VARCHAR2	3
Current status of a seedling carton, i.e. Reg = Regular, Sur = Surplus or Des = Destroyed.				
DESTROYED DATE		Y	DATE	
The date the carton of seedlings were destroyed.				
DESTROYED REASON		Y	VARCHAR2	100
The reason the carton of seedlings were destroyed.				
DISPOSAL USERID		Y	VARCHAR2	40
userid of user who indicated that the specified carton was destroyed				
DISPOSAL DATE		Y	DATE	
date carton was marked as destroyed				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MUST BE is defined by one and only one CARTON SIZE

MUST BE identified by one and only one SEEDLING

MUST BE identified by one and only one STOCK MOVEMENT AUDIT

* = Relationships in primary unique identifier.

Unique Identifiers:

SHIP_CART_AUDIT_KEY

Primary Y

SHIPPING CARTON AUDIT ID

Entity Name: SPAR FUND SRCE CODE		Short Name:	SPARFUND
Plural:	SPAR FUND SRCE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SPAR FUND SRCE CODE		N	VARCHAR2	3
A code describing various Funding Sources.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE provides list for one or more NSA_FUNDING

* = Relationships in primary unique identifier.

Unique Identifiers:

SPAR_FUND_SRCE_CODE	Primary	Y
SPAR FUND SRCE CODE		

Entity Name: SPAR REQUEST				<i>Short Name:</i> SR1	
<i>Plural:</i> SPAR REQUEST					
<i>Init. Volume:</i> 50000		<i>Avg. Volume:</i> 15000		<i>Max. Volume:</i> 100000	
				<i>Annual Growth Rate:</i>	

Description:

A request for services to be provided. There are many types of requests (e.g. Seedling Requests, Seed Withdrawals, Tests and Evaluations, etc.). A request may be for several Items. Each Item may have several Services.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* REQUEST SKEY		N	NUMBER	10,0
A surrogate key to uniquely identify each Spar Request.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE is described by one and only one INTENDED USE CODE

MAY BE is comprised of one or more REQUEST ITEM

MAY BE is described by one and only one SEEDLING CONTAINER CODE

MAY BE is described by one and only one SEEDLING STOCK AGE CODE

MAY BE is described by one and only one SEEDLING STOCK TYPE CODE

MAY BE is described by one and only one VEGETATION CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SPAR_REQUEST_PK	<i>Primary</i>	<i>Y</i>
REQUEST SKEY		

Entity Name:	STANDARD WORKPLAN	<i>Short Name:</i>	SW
<i>Plural:</i>	STANDARD WORKPLAN		
<i>Init. Volume:</i>	50	<i>Avg. Volume:</i>	10
		<i>Max. Volume:</i>	100
		<i>Annual Growth Rate:</i>	

Description:

A defined sequence of activites required to deliver a Tree Seed Centre service.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STANDARD WORKPLAN SKEY		N	NUMBER	10,0
A surrogate key which uniquely identifies a standard workplan.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE is suitable for one or more REQUEST ITEM

MAY BE is used for one or more WORKPLAN NURSERY

MAY BE is defined for one or more WORKPLAN SERVICE

MAY BE is used for one or more WORKPLAN SPECIES

MAY BE is used for one or more WORKPLAN TEST TYPE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

STANDARD_WORKPLAN_PK	<i>Primary</i>	Y
STANDARD WORKPLAN SKEY		

Entity Name: STOCK MOVEMENT**Short Name:** SMOVEMGR**Plural:** STOCK MOVEMENT**Init. Volume:** 2981**Avg. Volume:****Max. Volume:** 16000**Annual Growth Rate:****Description:**

Tracks seedling movement from site to site.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TRACKING NUMBER		N	NUMBER	7
A unique tracking number for shipping of seedlings, i.e.000001				
SHIP DATE		N	DATE	
Date the shipment of seedlings was shipped from a site.				
RECEIVED DATE		Y	DATE	
Date the shipment of seedlings is received at a site.				
UPDATE USERID		N	VARCHAR2	40
The userid of the person entering the update information.				
UPDATE DATE		N	DATE	
A timestamp when the information was updated.				
SHIPPING CONTACT		Y	VARCHAR2	25
The name of the person to contact at the shipping end.				
SHIPPER PHONE		Y	VARCHAR2	13
The phone number of the person shipping the seedlings.				
LOAD START DATE		Y	DATE	
Shows Loading Date and Start Time that the seedlings were loaded on the transport.				
LOAD FINISH DATE		Y	DATE	
Shows Loading Date and Finish Time that the seedlings were loaded on the transport.				
RECEIVING CONTACT		Y	VARCHAR2	25
The name of the person to contact at the receiving end.				
RECEIVER PHONE		Y	VARCHAR2	13
The phone number of the person receiving the seedlings.				
UNLOAD START DATE		Y	DATE	
The Start Date and Time that the seedlings were unloaded from the transport.				
UNLOAD FINISH DATE		Y	DATE	
The Finish Date and Time that the seedlings were unloaded from the transport.				
INSTRUCTION		Y	VARCHAR2	50
Instructions on how the stock is to be handled by the transport company.				
CANCELLED IND		Y	VARCHAR2	1
Indicates whether the stock movement activity was cancelled.				
NURSERY PACKING NUMBER		Y	VARCHAR2	20
A Cross-reference number associated with the invoice number and used by individual nurseries for their own tracking purpose.				
REVISION COUNT		N	NUMBER	5
number of time record has been modified				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE delivered to one and only one CLIENT LOCATION

MUST BE shipped from one and only one CLIENT LOCATION

MUST BE transported by one and only one CLIENT LOCATION

MAY BE commented in one or more SHIPPER COMMENT

Entity Name:	STOCK MOVEMENT (cont'd)	Short Name:	SMOVEMGR
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MAY BE identifies one or more STOCK MOVEMENT AUDIT

MUST BE contains one or more STOCK MOVEMENT CARTON LINK

* = *Relationships in primary unique identifier.*

Unique Identifiers:

TRACKING_NUMBER	Primary	Y
TRACKING NUMBER		

Entity Name: STOCK MOVEMENT AUDIT

Short Name: SMOVE_AUDT

Plural: STOCK MOVEMENT AUDIT

Init. Volume: 2981

Avg. Volume:

Max. Volume: 50000

Annual Growth Rate:

Description:

Tracks seedling movement from site to site.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* REVISION COUNT		N	NUMBER	5
number of time record has been modified				
SHIP DATE		N	DATE	
Date the shipment of seedlings was shipped from a site.				
RECEIVED DATE		Y	DATE	
Date the shipment of seedlings is received at a site.				
SHIPPING CONTACT		Y	VARCHAR2	25
The name of the person to contact at the shipping end.				
SHIPPER PHONE		Y	VARCHAR2	13
The phone number of the person shipping the seedlings.				
LOAD START DATE		Y	DATE	
Shows Loading Date and Start Time that the seedlings were loaded on the transport.				
LOAD FINISH DATE		Y	DATE	
Shows Loading Date and Finish Time that the seedlings were loaded on the transport.				
RECEIVING CONTACT		Y	VARCHAR2	25
The name of the person to contact at the receiving end.				
RECEIVER PHONE		Y	VARCHAR2	13
The phone number of the person receiving the seedlings.				
UNLOAD START DATE		Y	DATE	
The Start Date and Time that the seedlings were unloaded from the transport.				
UNLOAD FINISH DATE		Y	DATE	
The Finish Date and Time that the seedlings were unloaded from the transport.				
INSTRUCTION		Y	VARCHAR2	50
Instructions on how the stock is to be handled by the transport company.				
CANCELLED IND		Y	VARCHAR2	1
Indicates whether the stock movement activity was cancelled.				
NURSERY PACKING NUMBER		Y	VARCHAR2	20
A Cross-reference number associated with the invoice number and used by individual nurseries for their own tracking purpose.				
UPDATE USERID		N	VARCHAR2	40
The userid of the person entering the update information.				
UPDATE DATE		N	DATE	
A timestamp when the information was updated.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE contains one or more SHIPPING CARTON AUDIT

* MUST BE tracks history one and only one STOCK MOVEMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

SM_AUDIT_ID

Primary Y

Entity Name:	STOCK MOVEMENT AUDIT (cont'd)	Short Name:	SMOVE_AUDT
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REVISION COUNT
MUST BE tracks history one and only one STOCK MOVEMENT

Entity Name: STOCK MOVEMENT CARTON LINK				<i>Short Name:</i> STOCKMOVEC	
<i>Plural:</i> STOCK MOVEMENT CARTON LINK					
<i>Init. Volume:</i> 1250000		<i>Avg. Volume:</i>		<i>Max. Volume:</i> 4500000	
<i>Annual Growth Rate:</i>					

Description:

Identifies Cartons that are associated with a specific Shipping Invoice.
Links a specific shipping Carton Number with a stock movement Tracking Number.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

- Relationships:**
- Each Occurrence Of This Entity:
- * MUST BE contains one and only one SHIPPING CARTON
 - * MUST BE transport in one and only one STOCK MOVEMENT
- * = Relationships in primary unique identifier.

Unique Identifiers:

STOCKMOVEC	Primary	Y
MUST BE contains one and only one SHIPPING CARTON		
MUST BE transport in one and only one STOCK MOVEMENT		

Entity Name: STOCK SAMPLING			<i>Short Name:</i>	SS
<i>Plural:</i>	STOCK_SAMPLING			
<i>Init. Volume:</i>	1800	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	3600
			<i>Annual Growth Rate:</i>	

Description:

Sampling data for Seedling Measurements to indicate quality and quantity.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE KEY		N	NUMBER	10
A key to ensure a unique sampling number for each sample.				
SAMPLE DATE		N	DATE	
The date a sampling of seedings is taken.				
SAMPLE TYPE		N	VARCHAR2	1
A code speifying a type of sampling, i.e. H=Height Growth, or E= Empty Cavity, etc.				
PLANTING YEAR		N	NUMBER	4
The year in which the seedlings will be planted at the planting site.				
RECOVERY FACTOR		Y	NUMBER	4,2
The factor to multiply by to ensure the actual calculation is correct.				
GREENTREE PER BLOCK		Y	NUMBER	5,2
Calculation based on Cavities per Block and Measured Empties.				
REVISION COUNT		N	NUMBER	5
number of time record has been modified				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE requires one and only one CONTAINER STOCK TYPE XREF

MAY BE composed of one or more EMPTY CAVITY SAMPLE

MAY BE composed of one or more HEIGHT GROWTH SAMPLE

MUST BE requires one and only one PLANTING SEASON CODE

MUST BE sampled at one and only one SEEDLING SITE

MUST BE requires one and only one SEEDLING STOCK AGE CODE

MAY BE requires one and only one SEEDLOT

MUST BE provides sample for one or more STOCK SAMPLING LINK

MAY BE requires one and only one VEG LOT

* = Relationships in primary unique identifier.

Unique Identifiers:

SAMPLE_KEY	Primary	Y
SAMPLE KEY		

Entity Name: STOCK SAMPLING LINK			<i>Short Name:</i> SAMPLE_APP		
<i>Plural:</i> STOCK SAMPLING LINK					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
			<i>Annual Growth Rate:</i>		

Description:

Identifies Request Keys that are associated with a specific height growth or empty cavity sample.
Links a specific NSA Number with a Stock Sampling Number.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

- Relationships:**
- Each Occurrence Of This Entity:
- * MUST BE identifies sample one and only one SEEDLING
 - * MUST BE identifies key sampled one and only one STOCK SAMPLING
- * = Relationships in primary unique identifier.

Unique Identifiers:

SAMPLE_APP	Primary	Y
MUST BE identifies key sampled one and only one STOCK SAMPLING		
MUST BE identifies sample one and only one SEEDLING		

Entity Name: STOCK SPECIFICATION				<i>Short Name:</i>	SS2
<i>Plural:</i>	STOCK SPECIFICATION				
<i>Init. Volume:</i>	6000	<i>Avg. Volume:</i>	6000	<i>Max. Volume:</i>	30000
				<i>Annual Growth Rate:</i>	

Description:
Identifies the stock specifications for seedling contracting purposes.

Attributes:						
	<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	
*	STOCK SPECIFICATION SKEY		N	NUMBER	10,0	
	Unique identifier for a record.					
	SOWING YEAR		Y	NUMBER	10	
	The year in which seed is sown for seedling contracting.					
	TARGET HEIGHT		N	NUMBER	5	
	The tree height (in centimeters) to be acheived					
	TARGET ROOT COLLAR		N	NUMBER	3,1	
	the diameter in millimetres to be acheived					
	MIN HEIGHT		N	NUMBER	5	
	Minimum acceptable tree height in centimetres at free growing					
	MIN ROOT COLLAR		N	NUMBER	3,1	
	the minimum diameter in millimetres					
	MAX HEIGHT		N	NUMBER	5	
	the maximum acceptable height (in centimetres) at free growing					
	REVISION COUNT		N	NUMBER	5	
	number of times the record has been modified					
	* = Attributes in primary unique identifier.					

Relationships:
Each Occurrence Of This Entity:
MAY BE is adminstered by one and only one ORG UNIT
MAY BE is described by one and only one PLANTING SEASON CODE
MAY BE is described by one and only one SEEDLING CONTAINER CODE
MAY BE must be one and only one SEEDLING CONTAINER CODE
MUST BE is described by one and only one SEEDLING STOCK AGE CODE
MUST BE requires a one and only one SEEDLING STOCK AGE CODE
MAY BE is described by one and only one SEEDLING STOCK TYPE CODE
MUST BE is described by one and only one VEGETATION CODE
* = Relationships in primary unique identifier.

Unique Identifiers:
STOCK_SPECIFICATION_PK Primary Y
STOCK SPECIFICATION SKEY

Notes:
Had to change SPAR's shortname of SS to SS2, due to the existing NSA shortname of SS for the STOCK_SAMPLING entity.

Entity Name: STORAGE TRANSPORT COST			<i>Short Name:</i>	STC
<i>Plural:</i>	STORAGE TRANSPORT COST			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Cost to transport and store a grown seedling.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
Fiscal Year in which the Storage and Transport Costs are in effect.				
* SEEDLINGS PER CARTON		N	NUMBER	3
Average number of seedlings of specific stocktype and age which will fit into the specific carton type.				
STORAGE COST		N	NUMBER	6,2
Average storage cost per seedling, in cents, in a specified container size, stock age				
TRANSPORT COST		N	NUMBER	6,4
Average transport cost per seedling, in cents, in a specified container size, stock age, planting season				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE grown in one and only one CONTAINER STOCK TYPE XREF
 - * MUST BE applicable to one and only one ORG UNIT
 - * MUST BE requires one and only one PLANTING SEASON CODE
 - * MUST BE is described by one and only one SEEDLING STOCK AGE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

FISCYR_RECORD	Primary	Y
FISCAL YEAR		
SEEDLINGS PER CARTON		
MUST BE is described by one and only one SEEDLING STOCK AGE CODE		
MUST BE grown in one and only one CONTAINER STOCK TYPE XREF		
MUST BE requires one and only one PLANTING SEASON CODE		
MUST BE applicable to one and only one ORG UNIT		

Entity Name: SURPLUS TRANS STATUS CODE			<i>Short Name:</i>	STSC
<i>Plural:</i> SURPLUS TRANS STATUS CODE				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A code used to identify the status of a request for Surplus trees.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SURPLUS TRANS STATUS CODE		N	VARCHAR2	3
A code used to identify the status of a request for Surplus trees.				
DESCRIPTION		N	VARCHAR2	120
A description of the code value.				
EFFECTIVE DATE		N	DATE	
The date the code became effective.				
EXPIRY DATE		N	DATE	
The date the code was expired.				
UPDATE TIMESTAMP		N	DATE	
The date and time the code values were last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE refers to one or more SEEDLING SURPLUS

* = Relationships in primary unique identifier.

Unique Identifiers:

STSC	<i>Primary</i>	Y
SURPLUS TRANS STATUS CODE		

Entity Name: UNIT SEED COST			<i>Short Name:</i>	USC
<i>Plural:</i>	UNIT SEED COST			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Cost of seed per grown seedling used for purchase or sale. It is unique for species, seed class and fiscal year.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FISCAL YEAR		N	NUMBER	4
Fiscal year in which the seed cost is in effect				
UNIT SEED COST		N	NUMBER	6,2
Average seed cost per seedling for seedling purchase, sales purposes				
* GENETIC WORTH RTNG MIN		N	NUMBER	5
minimum genetic worth rating of a seedlot that the unit_seed_cost applies to.				
* GENETIC WORTH RTNG MAX		N	NUMBER	5
maximum genetic worth rating of a seedlot that the unit_seed_cost applies to.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE applies to one and only one GENETIC CLASS CODE
- * MUST BE defined by one and only one VEGETATION CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

FISC_YEAR_SP	<i>Primary</i>	Y
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FISCAL YEAR

GENETIC WORTH RTNG MIN

GENETIC WORTH RTNG MAX

MUST BE applies to one and only one GENETIC CLASS CODE

MUST BE defined by one and only one VEGETATION CODE

Entity Name: VEG LOT		Short Name:	VEG LOT
<i>Plural:</i>	VEG LOT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

A source of cuttings of a particular species with the same genetic class and suitability factors.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VEG LOT ID		N	VARCHAR2	5
The unique identifier (key) assigned to a source of cuttings of a particular species with the same genetic class and suitability factors.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE provides cuttings for one or more SEEDLING

MAY BE is derived from one and only one SEEDLOT

MAY BE is specified for one or more STOCK_SAMPLING

* = Relationships in primary unique identifier.

Unique Identifiers:

VEG_LOT	Primary	Y
VEG LOT ID		

Entity Name:	VEGETATION CODE			<i>Short Name:</i>	VC
<i>Plural:</i>	VEGETATION CODE				
<i>Init. Volume:</i>	50	<i>Avg. Volume:</i>	5	<i>Max. Volume:</i>	250
			<i>Annual Growth Rate:</i>		

Description:
A list of valid Vegetation Species Codes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VEGETATION CODE		N	VARCHAR2	8
A code describing various Vegetation Species.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

<u>Each Occurrence Of This Entity:</u>
MAY BE identifies one or more INITIAL NURSERY STOCK
MAY BE contains a code for one or more LATEST_SOWING_DATE
MAY BE identifies one or more NURSERY TENDER BID
MAY BE contains a code for one or more OPERATION TIME REQUIREMENT
MAY BE contains a code for one or more REQUEST ITEM
MAY BE preference for one or more SEEDLING ALLOCATION PREFERENCE
MAY BE is code for one or more SEEDLING TRADE PRICE
MAY BE contains a code for one or more SPAR REQUEST
MAY BE contains a code for one or more STOCK SPECIFICATION
MAY BE is code for one or more UNIT SEED COST
MAY BE contains a code for one or more WORKPLAN SPECIES
* = <i>Relationships in primary unique identifier.</i>

Unique Identifiers:

VEGETATION_CODE_PK	<i>Primary</i>	Y
VEGETATION CODE		

Entity Name:	WORKPLAN NURSERY	<i>Short Name:</i>	WN1
<i>Plural:</i>	WORKPLAN NURSERY		
<i>Init. Volume:</i>	50	<i>Avg. Volume:</i>	10
		<i>Max. Volume:</i>	100
		<i>Annual Growth Rate:</i>	

Description:

Association to standard worplan idneitifies that a workplan is suitable for the identified nursery preparation requirements.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

- Relationships:*
- Each Occurrence Of This Entity:
- * MUST BE is for the nursery owned by one and only one CLIENT LOCATION
 - * MUST BE is identified by one and only one STANDARD WORKPLAN
 - * = Relationships in primary unique identifier.

Unique Identifiers:

WORKPLAN_NURSERY_PK Primary Y

MUST BE is identified by one and only one STANDARD WORKPLAN

MUST BE is for the nursery owned by one and only one CLIENT LOCATION

Notes:

2003-01-03 HS: Added as NSA makes reference to this table.

Entity Name:	WORKPLAN SERVICE	Short Name:	WS
Plural:	WORKPLAN SERVICE		
Init. Volume:	100	Avg. Volume:	50
		Max. Volume:	500
		Annual Growth Rate:	

Description:
Defines the list of services that will be performed for a workplan.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEED SERVICE CODE		N	CHAR	3
A code which represents the type of service which is being requested to be performed.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:

* MUST BE is identified by one and only one STANDARD WORKPLAN

* = Relationships in primary unique identifier.

Unique Identifiers:

WORKPLAN_SERVICE_PK	Primary	Y
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MUST BE is identified by one and only one STANDARD WORKPLAN SEED SERVICE CODE

Notes:

2003-01-03 HS: Added as NSA makes reference to this table.

Entity Name: WORKPLAN SPECIES			<i>Short Name:</i>	WS1
<i>Plural:</i>	WORKPLAN SPECIES			
<i>Init. Volume:</i>	50	<i>Avg. Volume:</i>	10	<i>Max. Volume:</i> 100
			<i>Annual Growth Rate:</i>	

Description:
Association to Standard Workplan identifies that a workplan is suitable for the identified species preparation requirements.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

- Relationships:**
Each Occurrence Of This Entity:
- * MUST BE is identified by one and only one STANDARD WORKPLAN
 - * MUST BE is described by one and only one VEGETATION CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

WORKPLAN_SPECIES_PK	Primary	Y
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MUST BE is identified by one and only one STANDARD WORKPLAN

MUST BE is described by one and only one VEGETATION CODE

Notes:
2003-01-03 HS: Added as NSA makes reference to this table.

Entity Name:	WORKPLAN TEST TYPE	<i>Short Name:</i>	WTT
<i>Plural:</i>	WORKPLAN TEST TYPE		
<i>Init. Volume:</i>	100	<i>Avg. Volume:</i>	50
		<i>Max. Volume:</i>	500
		<i>Annual Growth Rate:</i>	

Description:

Association to Standard Workplan identifies that a workplan is suitable for the identified test type preparation requirements.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEEDLOT TEST CODE		N	VARCHAR2	3
A code which represents the type of test that was perfomed against a seed lot. A blank represents that the associated workplan is suitable for all test types.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE is identified by one and only one STANDARD WORKPLAN
- * = Relationships in primary unique identifier.

Unique Identifiers:

WORKPLAN_TEST_TYPE_PK	Primary	Y
MUST BE is identified by one and only one STANDARD WORKPLAN		
SEEDLOT TEST CODE		

Notes:

2003-01-03 HS: Added as NSA makes reference to this table.

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