

*Demo
prepared by :*



*Demo
sponsored by:*



WELCOME
to
The Land Use Database :

*Demo-5 :
Land Use Data*

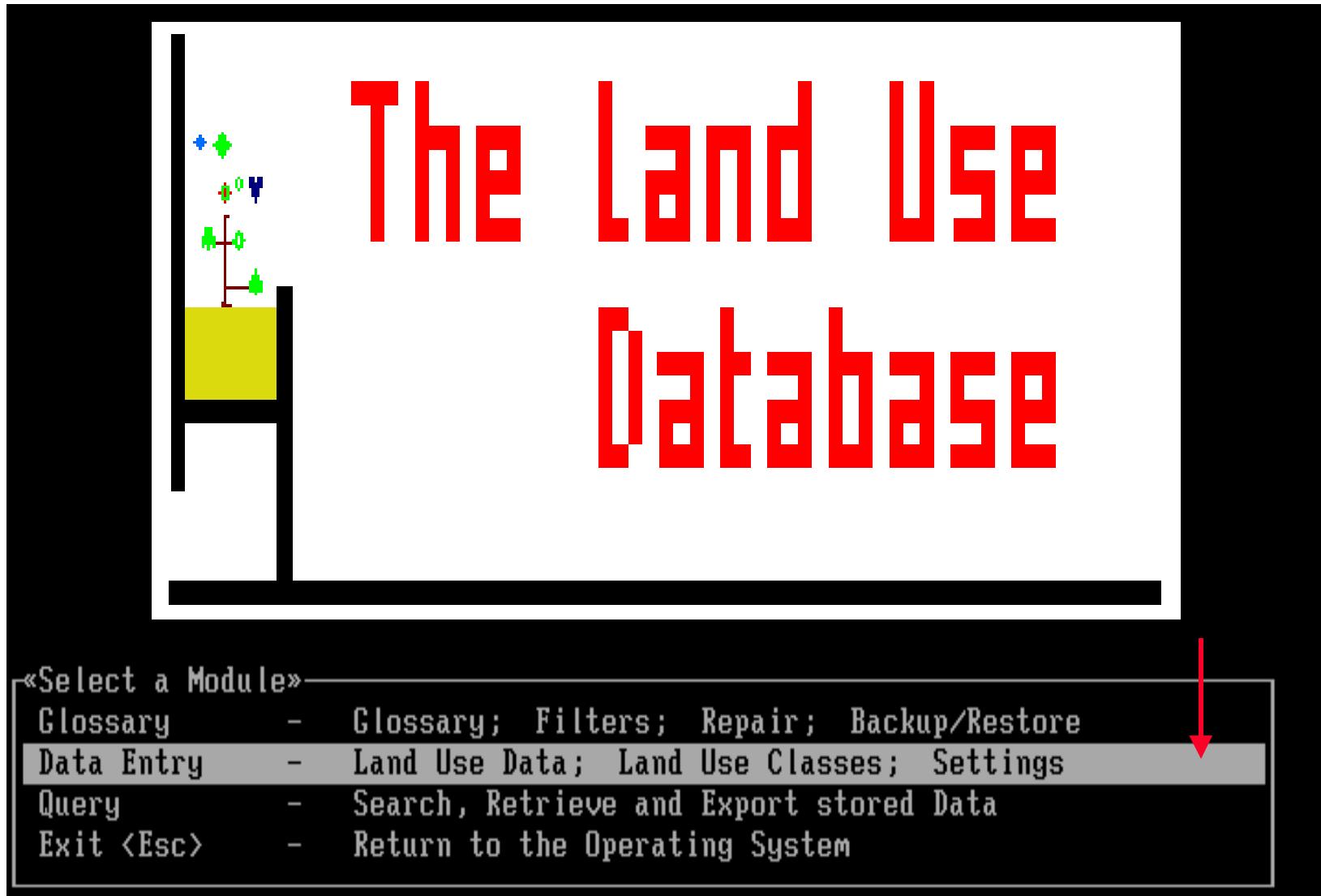
Shown is how to enter Land Use Datasets

(1st 3 levels only)

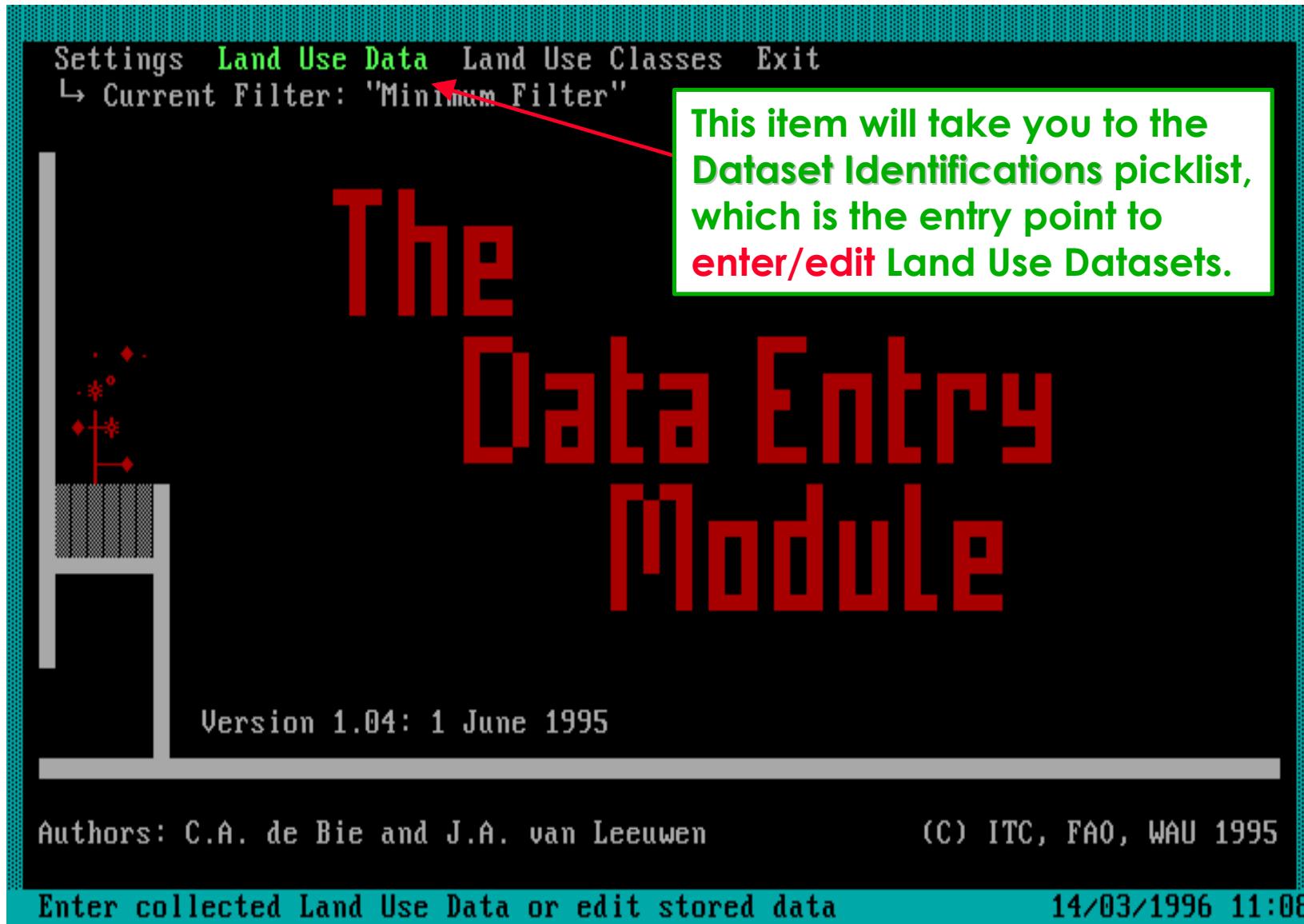
Emphasis is put on the following software aspects :

- 1 The effect of setting options on the Screen layouts.**
- 2 The impact of the Data Entry Filter on the data entry flow.**
- 3 The link between a-priori Land Use Classes and Land Use Datasets.**
- 4 The compulsory fields (parameters) of levels 1, 2, and 3.**

First of all, select the **Data Entry** option of the **Main Menu**.



Then, select the **Land Use Data** item of the **Data Entry Menu** . . .



... and you arrive at the **Dataset Identifications** picklist.

«Dataset Identifications»			
Project	Dataset No.	Administrative Area	ID. of one Dataset
FAO, BOT/91/001	No:1	a, Botswana, Ce	
FAO, BOT/91/001	No:2	a, Botswana, Ce	
FAO, BOT/91/001	No:9	a, Botswana, Ce	
FAO, BOT/91/001	No:3	, Botswana, Central, Palapye, Ratholo, Maipaa	fela »
FAO, BOT/91/001	No:23	, Botswana, Central, Palapye, Ratholo, Maipaa	fela »
FAO, BOT/91/001	No:24	, Botswana, Central, Palapye, Ratholo, Maipaa	fela »
FAO, BOT/91/001	No:4	ica, Botswana, Central, Palapye, Ratholo, Maipaa	fela »
FAO, BOT/91/001	No:5	ica, Botswana, Central, Palapye, Ratholo, Maipaa	fela »
FAO, BOT/91/001	No:18	ica, Botswana, Central, Palapye, Ratholo, Mafhoko	»
FAO, BOT/91/001	No:6	a, Botswana, Central, Palapye, Ratholo, Rakeswela	»
FAO, BOT/91/001	No:7	a, Botswana, Central, Palapye, Ratholo, Rakeswela	»
FAO, BOT/91/001	No:8	otswana, Central, Palapye, Ratholo, Bolelantlokwe	»
FAO, BOT/91/001	No:10	, Botswana, Central, Palapye, Ratholo, Boratapula	»
FAO, BOT/91/001	No:11	Botswana, Central, Palapye, Ratholo, Metsimasweu	»
FAO, BOT/91/001	No:12	Botswana, Central, Palapye, Ratholo, Metsimasweu	»
FAO, BOT/91/001	No:13	Botswana, Central, Palapye, Ratholo, Metsimasweu	»
FAO, BOT/91/001	No:14	Botswana, Central, Palapye, Ratholo, Metsimasweu	»
FAO, BOT/91/001	No:15	Botswa	Many more Land Use Datasets are present in this Picklist pane »
<Next Series>			

```
«Dataset Identifications»
FAO, BOT/91/001 ► No:1 ► a, Botswana,
FAO, BOT/91/001 ► No:2 ► a, Botswana,
FAO, BOT/91/001 ► No:9 ► a, Botswana,
FAO, BOT/91/001 ► No:3 ► , Botswana,
FAO, BOT/91/001 ► No:23 ► , Botswana,
FAO, BOT/91/001 ► No:24 ► , Botswana,
FAO, BOT/91/001 ► No:4 ► ica, Botswana
FAO, BOT/91/001 ► No:5 ► ica, Botswana
FAO, BOT/91/001 ► No:17 ► ica, Botswana
FAO, BOT/91/001 ► No:18 ► ica, Botswana
FAO, BOT/91/001 ► No:6 ► a, Botswana,
FAO, BOT/91/001 ► No:7 ► a, Botswana,
FAO, BOT/91/001 ► No:8 ► otswana, Central, Palapye, Ratholo, Bolelantlokwe »
FAO, BOT/91/001 ► No:10 ► , Botswana, Central, Palapye, Ratholo, Boratapula »
FAO, BOT/91/001 ► No:11 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:12 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:13 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:14 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:15 ► Sekgarapane »
<Next Selection>
```

Press **Ins** to Add a new dataset

Press **F10** to edit the selected dataset

Press **Del** to delete the selected dataset

Press **F3** to print the selected dataset

Press **F5** to copy the selected dataset

Press **Enter** to go to the next level of the selected dataset

If the pick list is **not empty**, many key-options are made available.....

F1=Help F3=Print F5=Copy F10=Edit Enter=Select Ins=Add Del=Delete

This picklist is the entry point to add/edit Land Use Datasets.

Software aspect no.-1 :

- 1 **The effect of setting options on the Screen layouts.**
- 2 **The impact of the Data Entry Filter on the data entry flow.**
- 3 **The link between a-priori Land Use Classes and Land Use Datasets.**
- 4 **The compulsory fields (parameters) of levels 1, 2, and 3.**

1. The effect of the Dataset Display Selection option.

«Dataset Identifications»

FAO, BOT/91/001 ► No:1 ► a, Botswana, Central, Palapye, Ratholo, Serulapye »
FAO, BOT/91/001 ► No:2 ► a, Botswana, Central, Palapye, Ratholo, Serulapye »
FAO, BOT/91/001 ► No:9 ► a, Botswana, Central, Palapye, Ratholo, Serulapye »
FAO, BOT/91/001 ► No:3 ► , Botswana, Central, Palapye, Ratholo, Maipaaafela »
FAO, BOT/91/001 ► No:23 ► , Botswana, Central, Palapye, Ratholo, Maipaaafela »
FAO, BOT/91/001 ► No:24 ► , Botswana, Central, Palapye, Ratholo, Maipaaafela »
FAO, BOT/91/001 ► No:4 ► ica, Botswana, Central, Palapye, Ratholo, Mafhoko »
FAO, BOT/91/001 ► No:5 ► ica, Botswana, Central, Palapye, Ratholo, Mafhoko »
FAO, BOT/91/001 ► No:17 ► ica, Botswana, Central, Palapye, Ratholo, Mafhoko »
FAO, BOT/91/001 ► No:18 ► ica, Botswana, Central, Palapye, Ratholo, Mafhoko »
FAO, BOT/91/001 ► No:6 ► a, Botswana, Central, Palapye, Ratholo, Rakeswela »
FAO, BOT/91/001 ► No:7 ► a, Botswana, Central, Palapye, Ratholo, Rakeswela »
FAO, BOT/91/001 ► No:8 ► otswana, Central, Palapye, Ratholo, Bolelantlokwe »
FAO, BOT/91/001 ► No:10 ► , Botswana, Central, Palapye, Ratholo, Boratapula »
FAO, BOT/91/001 ► No:11 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:12 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:13 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:14 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:15 ► Botswana, Central, Palapye, Ratholo, Sekgarapane »
<Next Series>

F1=Help F3=Print F5=Copy F10=Edit Enter=Select Ins=Add Del=Delete

This picklist shows ALL previously entered Dataset Id s, but ...

... you can also get a Picklist with only the **pre-selected** Dataset Id's for a specific Admin. Area and/or Project.

«Dataset Identifications»

«0»

Pre-selections are defined by two setting options in Settings.

This picklist shows the previously entered Land Use Dataset Id's for LREP-II/b in Asia (none!).

«Settings»

—Common Settings—	
File with Colour Settings	CO1STD.COL
Report Width	80
Coordinates	Decimals
Sound	Yes
—Settings for Data Entry Module—	
Data Entry Filter (see Glossary Module)	Minimum Filter
Structure of One Dataset	x Site-ID's : x LUS Descriptions
Dataset-Display Selection: Admin.Area	Asia, » -
Dataset-Display Selection: Project	LREP-II/b, » -
Dataset-Display Sort Order	Administrative Area
Date Format	dd/mm/yyyy (27/02/1996)
UTM Ellipsoid/Spheroid	Airy 1849

«13»

2. The effect of the Dataset Display Sort option.

«Dataset Identifications»

<Previous Series> 

FAO, BOT/91/001 ► No:2 ► a, Botswana, Central,
FAO, BOT/91/001 ► No:9 ► a, Botswana, Central, Palapye, Ratholo, Maipaafele »
FAO, BOT/91/001 ► No:3 ► , Botswana, Central, Palapye, Ratholo, Maipaafele »
FAO, BOT/91/001 ► No:23 ► Botswana Central Palapye, Ratholo, Maipaafele »

«Settings»

—Common Settings—

File with Colour Settings	CO1STD.COL
Report Width	80
Coordinates	Decimals
Sound	Yes

—Settings for Data Entry Module—

Data Entry Filter (see Glossary Module)	Minimum Filter
Structure of One Dataset	x Site-ID's : x LUS Descriptions
Dataset-Display Selection: Admin.Area	Africa, » -
Dataset-Display Selection: Project	F0
Dataset-Display Sort Order	«Dataset-Display Sort Order»
Date Format	Ad
UTM Ellipsoid/Spheroid	Administrative Area
	dd
	Ai

Sorting is defined by a single setting option in Settings.

FAO, BOT/91/001 ► No:12 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:13 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:14 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »
FAO, BOT/91/001 ► No:15 ► Botswana, Central, Palapye, Ratholo, Sekgarapane »
FAO, BOT/91/001 ► No:16 ► Botswana, Central, Palapye, Ratholo, Sekgarapane »

<Next Series>

This picklist is sorted by the glossary codes of the listed Administrative Areas.

3. The effect of the selected Data Entry Filter. (More details are given under Software aspect no.-2)

«Dataset Identification»

«Settings»

Common Settings

File with Colour Settings C01STD.COL
Report Width 80
Coordinates Decimals
Sound Yes

—Settings for Data Entry Module—

Data Entry Filter (see Glossary Module) Mi Maximum Filter
x Minimum Filter

Structure of One Dataset
Dataset-Display Selection: Admin.Area
Dataset-Display Selection: Project
Dataset-Display Sort Order
Date Format dd/mm/yyyy (15/03/1996)
UTM Ellipsoid/Spheroid Airy 1849

«Data Entry Filters»

» Min. Filter +Periods
» FAO/ITC Trainings Course
Ad «4»

«13»

FAO, BOT/91/001 ► No:2
FAO, BOT/91/001 ► No:9
FAO, BOT/91/001 ► No:3
FAO, BOT/91/001 ► No:2
FAO, BOT/91/001 ► No:2
FAO, BOT/91/001 ► No:2
FAO, BOT/91/001 ► No:4
FAO, BOT/91/001 ► No:5
FAO, BOT/91/001 ► No:1
FAO, BOT/91/001 ► No:1
FAO, BOT/91/001 ► No:6 ► a, Botswana, Central, Palapye, Ratholo, Metsimmasweu
FAO, BOT/91/001 ► No:7 ► a, Botswana, Central
FAO, BOT/91/001 ► No:8 ► otswana, Central, Palapye, Ratholo, Metsimmasweu
FAO, BOT/91/001 ► No:10 ► , Botswana, Central, Palapye, Ratholo, Metsimmasweu
FAO, BOT/91/001 ► No:11 ► Botswana, Central, Palapye, Ratholo, Metsimmasweu
FAO, BOT/91/001 ► No:12 ► Botswana, Central, Palapye, Ratholo, Metsimmasweu »

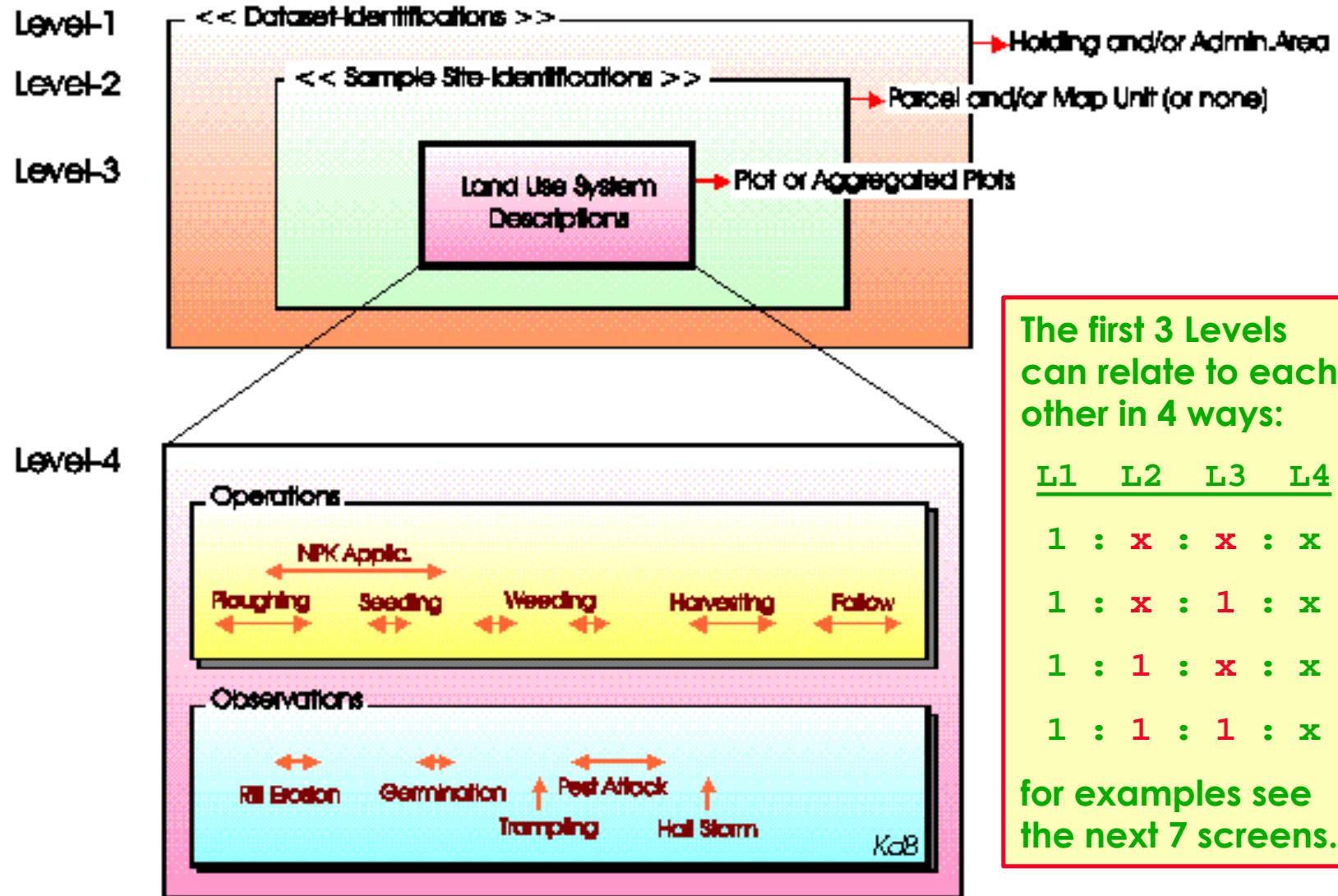
«Add/Edit a Dataset Identification»

Administrative Area : »
Project : »
Dataset Number : 0
Dataset Type : Actual

Few parameters are shown because the Minimum Filter is selected in Settings.

The above Edit Screen is shown because the Ins key was pressed.

4. The effect of the selected **Dataset Structure**.



Each of the 4 ways can be selected in the **Dataset Structure** setting.

«Dataset Identification»

«Add/Edit a Dataset Identification»

«Settings»

—Common Settings—

File with Colour Settings	CO1STD.COL
Report Width	80
Coordinates	Decimals
Sound	Yes

—Settings for Data Entry Module—

Data Entry Filter (see Glossary Module)	Ma
Structure of One Dataset	«Structure of One Dataset»
Dataset-Display Selection: Admin.Area	x x Site-ID's : x LUS Descriptions
Dataset-Display Selection: Project	» x Site-ID's : 1 LUS Description
Dataset-Display Sort Order	» 1 Site-ID : x LUS Descriptions
Date Format	Ad 1 Site-ID : 1 LUS Description
UTM Ellipsoid/Spheroid	dd Airy 1849

or

Only parameters of Level 1 are shown because of the **Dataset Structure** selection in **Settings**.

«Previous Series»

FAO, BOT/91/001 ► No:2

FAO, BOT/91/001 ► No:9

FAO, BOT/91/001 ► No:3

FAO, BOT/91/001 ► No:23

FAO, BOT/91/001 ► No:24

FAO, BOT/91/001 ► No:4

FAO, BOT/91/001 ► No:5

FAO, BOT/91/001 ► No:17

FAO, BOT/91/001 ► No:18 ► ica, Botswana, Central, Palapye, Ratholo, Mafhoko »

FAO, BOT/91/001 ► No:6 ► a, Botswana, Central, Palapye, Ratholo, Rakeswela »

FAO, BOT/91/001 ► No:7 ► a, Botswana, Cer

FAO, BOT/91/001 ► No:8 ► ctswana, Centr

FAO, BOT/91/001 ► No:10 ► , Botswana, Cer

FAO, BOT/91/001 ► No:11 ► Botswana, Cent

FAO, BOT/91/001 ► No:12 ► Botswana, Central, Palapye, Ratholo, Metsimasweu »

«Structure of One Dataset»

x x Site-ID's : x LUS Descriptions

» x Site-ID's : 1 LUS Description

» 1 Site-ID : x LUS Descriptions

Ad 1 Site-ID : 1 LUS Description

dd Airy 1849

«13»

Per Dataset: (many Site-Id.s and one or many LUS-Id s) per Dataset-Id.

«Dataset Identification»

<Previous Series>

FAO, BOT/91/001 ► No:2

FAO, BOT/91/001 ► No:9

FAO, BOT/91/001 ► No:3

FAO, BOT/91/001 ► No:23

FAO, BOT/91/001 ► No:24

FAO, BOT/91/001 ► No:4

FAO, BOT/91/001 ► No:5

FAO, BOT/91/001 ► No:17

FAO, BOT/91/001 ► No:18 ► ica, Botswana, Central, Palapye, Rathole, Matlholo »

FAO, BOT/91/001 ► No:6 ► a, Botswana, Central, Palapye, Rathole, Matlholo »

FAO, BOT/91/001 ► No:7 ► a, Botswana, Central, Palapye, Rathole, Matlholo »

FAO, BOT/91/001 ► No:8 ► otswana, Central, Palapye, Rathole, Matlholo »

«Add/Edit Levels 1 and 2»

—1. Dataset Identification—

Administrative Area : »

Project : »

Dataset Number : 0

Dataset Type : Actual

—2. Site Identifications—

Site Fragmentation : Each LUS Description is valid for one Plot

«Settings»

—Common Settings—

File with Colour Settings CO1STD.COL

Report Width 80

Coordinates Decimals

Sound Yes

—Settings for Data Entry Module—

Data Entry Filter (see Glossary Module) Ma «Structure of One Dataset»

Structure of One Dataset

Dataset-Display Selection: Admin.Area » x Site-ID's : x LUS Descriptions

Dataset-Display Selection: Project » x Site-ID's : 1 LUS Description

Dataset-Display Sort Order » 1 Site-ID : x LUS Descriptions

Date Format Ad 1 Site-ID : 1 LUS Description

UTM Ellipsoid/Spheroid dd «4»

Airy 1849 «13»

Parameters of Level 1 and 2 are shown because of the Dataset Structure selection in Settings.

The Administrative Area in which the described Land Use Systems are located
 F1=Help F6=Unspecified F10=Save Enter=Select

Per Dataset: many LUS-Id's for one (Site-Id. and Dataset-Id. combination)

```

«Dataset Identifications»
<Previous Series>
FAO, BOT/91/001 ► No:2 ► a, Botswana, Ce
FAO, BOT/91/001 ► No:9 ► a, Botswana, Ce
FAO, BOT/91/001 ► No:3 ► , Botswana, Cen
FAO, BOT/91/001 ► No:23 ► , Botswana, Ce
FAO, BOT/91/001 ► No:24 ► , Botswana, Central, Palapye, Ratholo, Mafhoko
FAO, BOT/91/001 ► No:4 ► ica, Botswana, Central, Palapye, Ratholo, Mafhoko »
«Add/Edit Levels 1, 2 and 3»
—1. Dataset Identification
Administrative Area : »
Project : »
Dataset Number : 0
Dataset Type : Actual
—2. Site Identification
Site Fragmentation : »
—Common Settings
File with Colour Settings CO1STD.COL
Report Width 80
Coordinates Decimals
Sound Yes
—3. Land Use System
A-Priori LU Class : »
—Species/Service : »
The Administrative Area
F1=Help F6=Unspecified

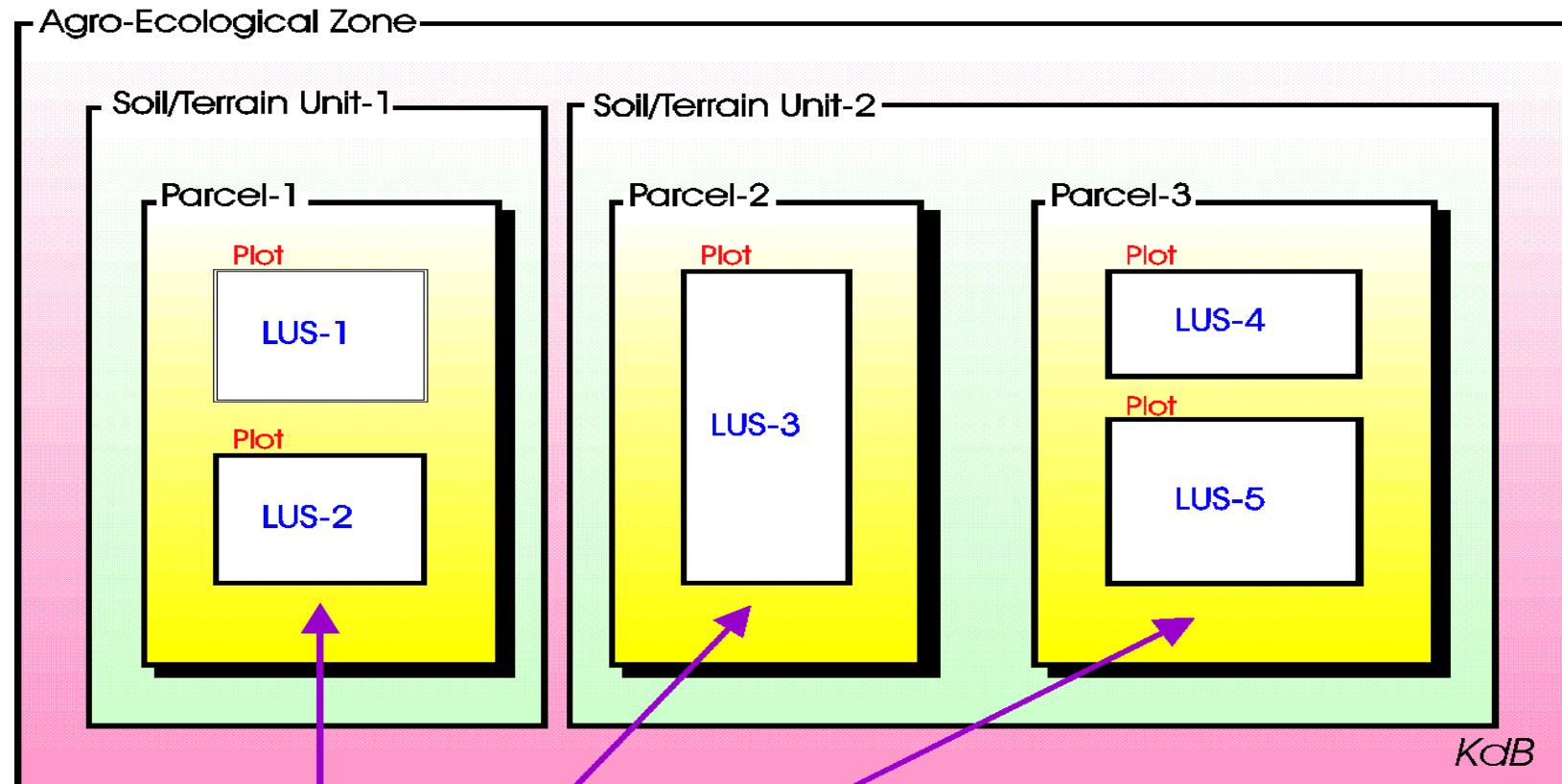
```

Parameters of Levels 1, 2 and 3 are shown because of the Dataset Structure selection in Settings.

«Structure of One Dataset»

Ma
 x Site-ID's : x LUS Descriptions
 » x Site-ID's : 1 LUS Description
 » 1 Site-ID : x LUS Descriptions
 Ad 1 Site-ID : 1 LUS Description
 dd «4»
 Airy 1849
 «13»

Per Dataset: one LUS-Id. for one (Site-Id. and Dataset-Id. combination).



Agricultural
Holding

(in Administrative Unit-A)

All data belonging to one single farm can thus form one single Dataset.
Use the 1: X : X : X setting !

Software aspect no.-2 :

- 1 The effect of setting options on the Screen layouts.
- 2 The impact of the Data Entry Filter on the data entry flow.
- 3 The link between a-priori Land Use Classes and Land Use Datasets.
- 4 The compulsory fields (parameters) of levels 1, 2, and 3.

The impact when the Minimum Data Entry Filter is selected.

«Dataset Identifications»

→

«Add/Edit Levels 1, 2 and 3»

—1. Dataset Identification—

Administrative Area : »

Project : »

Dataset Number : 0

Dataset Type : Actual

—2. Site Identifications—

Site Fragmentation : Each LUS Description is valid for one Plot

—3. Land Use System Descriptions—

A-Priori LU Class : »

- Species/Service : *

Few parameters are shown because the minimum Data Entry Filter is selected, and

Parameters of Levels 1, 2 and 3 are merged because of the Dataset Structure selection.

The applicable two setting options are mutually *independent*.

The impact when the Maximum Data Entry Filter is selected.

«Dataset Identifications»

«Add/Edit Levels 1, 2 and 3»

—1. Dataset Identification

Administrative Area :	»	
Project :	»	
Dataset Number :	0	
Dataset Type :	Actual	
Enumeration Date :	—	
Enumerator's Name :	—	
Respondent's Name :	—	
Holder's Name :	—	
Holding Location – Geographic Coordinates		
– Latitude (t or y) :	»	: - [Degrees]
– Longitude (+ or x):	»	: - [Degrees]
Holding Location – UTM Projection		
– Ellipsoid/Spheroid:	Airy 1849	
– UTM Zone :	—	
– Northing :	—	[Meters]

Now **all** parameters are shown because the **maximum Data Entry Filter** is selected.

The 3 Levels are *still* merged because the **Dataset Structure** selection is *not* changed.

Many more Parameters are included in this Edit Screen

Use of another Filter can result in another mix of parameters shown.

The whole Data Entry Screen contains then all the following fields.

Each included parameter is fully discussed in the reference manual; use the index (last pages) to find out which sections to read !!

All parameters are shown because the maximum data entry filter is selected.

Parameters of Level 1, 2 and 3 are shown because of the Dataset Structure selection.

«Add/Edit Levels 1, 2 and 3»

—1. Dataset Identification

Administrative Area : »
Project : »
Dataset Number : 0
Dataset Type : Actual
Enumeration Date : -
Enumerator's Name : -
Respondent's Name : -
Holder's Name : -
Holding Location - Geographic Coordinates
- Latitude (t or y) : » : - [Degrees]
- Longitude (* or x) : » : - [Degrees]
Holding Location - UTM Projection
- Ellipsoid/Spheroid: Airy 1849
- UTM Zone : -
- Northing : - [Meters]
- Easting : - [Meters]
Holding Size : - - [Min - Max]
- Unit : »
- Info Source : »
Comments :
—2. Site Identifications
Site Fragmentation : Each LUS Description is valid for one Plot
Site Name : -
Mapping Unit-ID : -
- Comp./Element-ID : -
- Map Comments : -
Tenancy Arrangement : »
Cadastral Number : -

Cadastral Number : - - - [Min - Max]
- Unit : »
- Info Source : »
Distance to Holding : - - - [Min - Max]
- Unit : »
- Info Source : »
Comments :
—3. Land Use System Descriptions

Plot Location - Geographic Coordinates
- Latitude (t or y) : » : - [Degrees]
- Longitude (* or x) : » : - [Degrees]
Plot Location - UTM Projection
- Ellipsoid/Spheroid: Airy 1849
- UTM Zone : -
- Northing : - [Meters]
- Easting : - [Meters]
Plot Size : - - - [Min - Max]
- Unit : »
- Info Source : »
- Boundaries : Based on actual Plot Boundaries
Infrastructures : *
Soil Sample-ID : -
Oper.Seq. Period : - - - [Start - End Date]
A-Priori LU Class : »
- Species/Service : *
Comments :
Additional Information about this Land Use System Description
F1=Help F10=Save

All » fields are linked with the pre-selected parts of one Glossary Tree:

«Dataset Identifications»

«Add/Edit Levels 1, 2 and 3»

—1. Dataset Identific

Administrative Area : **E** «Administrative Areas»

Project : » **N** «Europe»

Dataset Number : » **Drenthe**

Dataset Type : Actual

—2. Site Identifications

Site Fragmentation : Each

—3. Land Use System Descr

A-Priori LU Class : »

Species/Service : *

«Administrative Areas»

«Europe»

«Netherlands, The»

Drenthe

Flevoland

Friesland

Gelderland

Groningen

Limburg

North Brabant

Holland (North)

Overijssel

Holland (South)

Only the pre-selected glossary items as defined in the selected Data Entry Filter are shown.

In the current filter Provinces of The Netherlands are pre-selected.

«12»

Only the selected item will be stored as information.

«Dataset Identifications» «0»

Use the **F6** key if you do not want to make a selection from the current picklist.

Press **Enter** to select an item.

«Add/Edit Levels 1, 2 and 3»

—1. Dataset Identific «Administrative Areas»

Administrative Area : » **E** «Europe»

Project : » **N** «Netherlands, The»

Dataset Number : » **Drenthe**

Dataset Type : **Actual** Flevoland

—2. Site Identifications- Friesland

Site Fragmentation : **Each** Gelderland

—3. Land Use System Descr Groningen

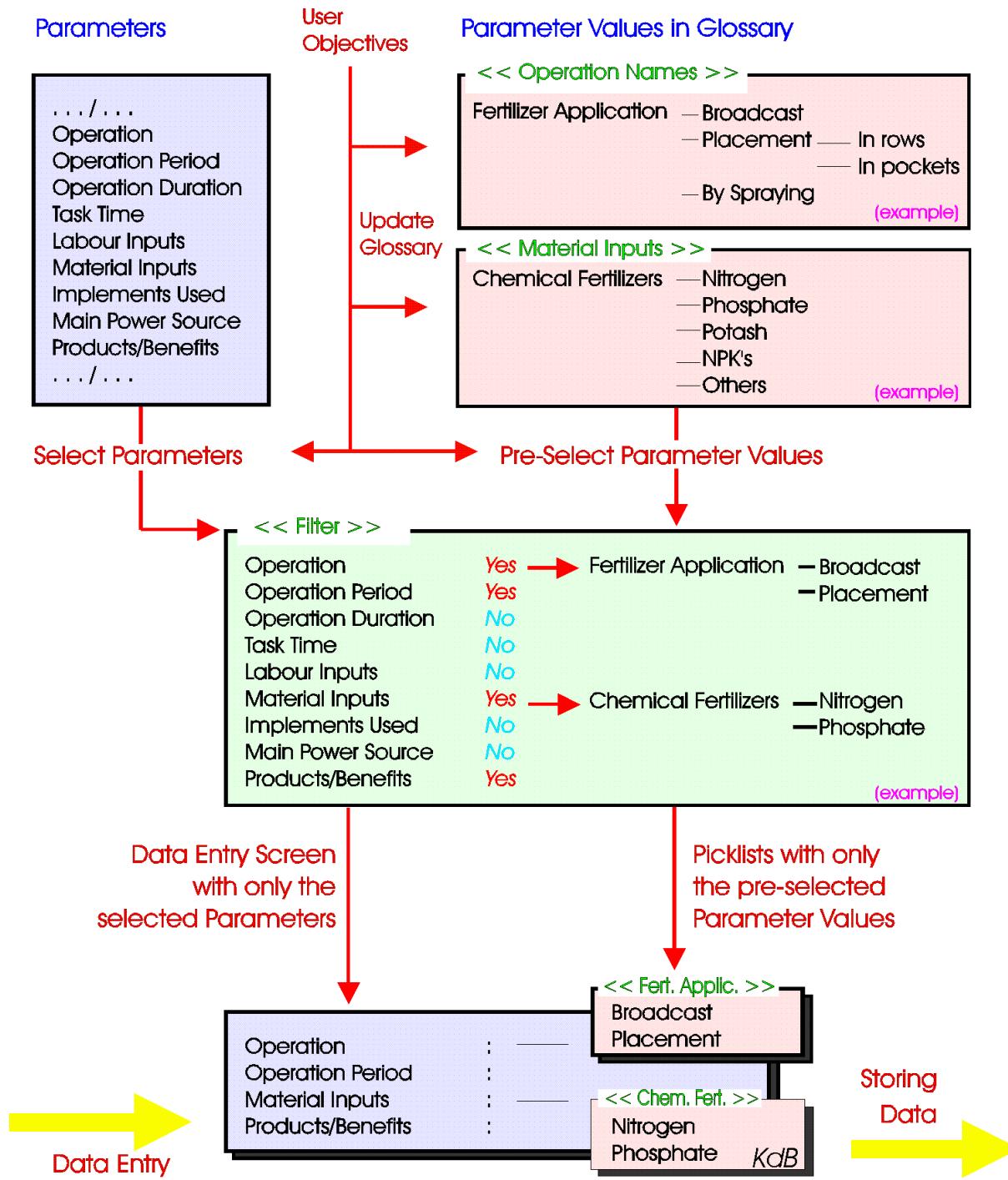
A-Priori LU Class : » Limburg

Species/Service : * North Brabant

Holland (North) Overijssel

Holland (South)

F1=Help F3=Print F4=Search F6=Unspecified Enter=Select



- To re-capture:**
1. select in the filter the required parameters
 2. upgrade the glossary with all required glossary items
 3. pre-select in the filter the required glossary items / branches
 4. select the prepared filter in settings
 5. start entering your data and if required further improve the glossary and filter

Software aspect no.-3 :

- 1 The effect of setting options on the Screen layouts.
- 2 The impact of the Data Entry Filter on the data entry flow.
- 3 The link between a-priori Land Use Classes and Land Use Datasets.
- 4 The compulsory fields (parameters) of levels 1, 2, and 3.

```
«1. FAO, BOT/91/001 ► No:1 ► Botswana, Central, Palapye, Ratholo, Serulapye »  
«2. No:1 ► Each LUS Description is valid for one Plot »  
«3. Land Use System Descriptions»  
No:1 ► **/11/1992 - **/11/1993 ► FAO-Test, Mixed-Intercr.of Cereal+Pukin/Melon  
«1»
```

```
«Add/Edit a Land Use System Description»  
Plot Location - Geographic Coordinates  
- Latitude (↑ or y) : » : - [Degrees]  
- Longitude (+ or x): » : - [Degrees]  
Plot Size : : - - [Min - Max]  
- Unit : »  
- Info Source : »  
- Boundaries : Based on actual Plot Boundaries  
Infrastructures : *  
Oper.Seq. Period : - - [Start - End Date]  
A-Priori LU Class : » ← At Level 3, i.e. Land Use  
- Species/Service : * System Descriptions, you  
Comments : must select a single A-  
Priori Land Use Class.
```

The A-Priori Land Use Class to which this Land Use System belongs
F1=Help F10=Save Enter=Select

The link with earlier defined Land Use Classes is made here !!

The **Filter** defines from which **classes** a selection can be made.

```
«1. FAO, BOT/91/001 ► No:1 ► Botswana, Central, Palapye, Ratholo, Serulapye »
«2. No:1 ► Each LUS Description is valid for one Plot »
«3. Land Use System Descriptions»
No:1 ► **/11/1992 - **/11/1993 ► FAO-Test, Mixed-Intercr.of Cereal+Pukin/Melon
«1»
```

«Add/Edit a Land Use System Description»

Plot Location – Geographic Coordinates	↑
– Latitude (↑ or y) : »	– [Degrees]
– Longitude (+ or x): »	– [Degrees]
Plot Size	: «A-Priori Land Use Classes»
– Unit	: » FAO-Test
– Info Source	: »
– Boundaries	: Based on actual
Infrastructures	: *
Oper.Seq. Period	: –
A-Priori LU Class	: »
– Species/Service	: *
Comments	:

«1»

In the used filter only
classes from FAO-Test
were pre-selected.

F1=Help F3=Print F4=Search Enter=Select

After selection, **Species/Services** can be specified.

```
«1. FAO, BOT/91/001 ► No:1 ► Botswana, Central, Palapye, Ratholo, Serulapye »
«2. No:1 ► Each LUS Description is valid for one Plot »
«3. Land Use System Descriptions»
No:1 ► **/11/1992 - **/11/1993 ► FAO-Test, Mixed-Intercr.of Cereal+Pukin/Melon
No:2 ► FAO-Test, Single Cropping of Cereals
»2»
```

«Add/Edit a Land Use System Descriptions»

Plot Location - Geographic Coordinates	↑
- Latitude (↑ or y) : »	» - [Degrees]
- Longitude (+ or x) : »	» - [Degrees]
Plot Size : »	- - [Min - Max]
- Unit : »	
- Info Source : »	
- Boundaries : Based on actual Plot Boundaries	
Infrastructures : *	
Oper.Seq. Period : - -	[Start - End Date]
A-Priori LU Class : FAO-Test, Sing	
- Species/Service : *	←
Comments : »	↓

Now, this * field can
be selected
(grey background)

The Land Use Purpose(s) and Quantities

F1=Help F10=Save Enter=Select Ins>Add

The selected Class defines which Species can be selected .

```
«1. FAO, BOT/91/001 ► No:1 ► Botswana, Central, Palapye, Ratholo, Serulapye »
«2. No:1 ► Each LUS Description is valid for one Plot »
«3. Land Use System Descriptions»
No:1 ► **/11/1992 - **/11/1993 ► FAO-Test, Mixed-Intercr.of Cereal+Pukin/Melon
No:2 ► FAO-Test, Single Cropping of Cereals
«Add/Edit a Land Use System Description»
- Longitude (+ or x): » : - [Degrees]
Plot Location - UTM Projection
- Ellipsoid/Spheroid: Airy 1849
- UTM Zone : - [Meters]
- Northing : - [Meters]
- Easting : - [Meters]
Plot Size : - [Meters]
- Unit : »
- Info Source : »
«Species/Services»
P «Plants: »
Cereals:
«Add/Edit a Land Use Purpose and Quantity»
Species/Service : »
Product/Benefit : »
Quantity : - - [Min - Max]
- Unit : »
- Info Source : »
```

Only cereals were defined for the selected class.

Family:

F1=Help F3=Print F4=Search F6=Unspecified Enter=Select

The Class and Species define which Product can be selected.

```
«1. FAO, BOT/91/001 ▶ No:1 ▶ Botswana, Central, Palapye, Ratholo, Serulapye »
«2. No:1 ▶ Each LUS Description is valid for one Plot »
«3. Land Use System Descriptions»
No:1 ▶ **/11/1992 - **/11/1993 ▶ FAO-Test, Mixed-Intercr.of Cereal+Pukin/Melon
No:2 ▶ FAO-Test, Single Cropping of Cereals
«Add/Edit a Land Use System Description»
- Longitude (+ or x): : - [Degrees]
Plot Location - UTM Projection
- Ellipsoid/Spheroid: Airy 1849
- UTM Zone : -
- Northing : - [Meters]
- Easting : -
Plot Size : -
- Unit : »
- Info Source : »
«Add/Edit a Land Use Purpose»
Species/Service : Plants, Cereals, » -
Product/Benefit : »
Quantity : - - [Min - Max]
- Unit : »
- Info Source : »
```

The products defined for cereals for the selected class.

Software aspect no.-4 :

- 1 The effect of setting options on the Screen layouts.
- 2 The impact of the Data Entry Filter on the data entry flow.
- 3 The link between a-priori Land Use Classes and Land Use Datasets.
- 4 The compulsory fields (parameters) of levels 1, 2, and 3.

There are many built-in **checks**, like the one shown below.

«Dataset Identifications»

«Add/Edit Levels 1, 2 and 3»

- Longitude (+ or x): »	:	-
Plot Location - UTM Projection		
- Ellipsoid/Spheroid: Airy 1849		
- UTM Zone	:	-
- Northing	:	- [Meters]
- Easting	:	- [Meters]
Plot Size	:	- - - [Min - Max]
- Unit	:	»
- Info Source	:	»
- Boundaries	:	Based on actual Plot Boundaries
Infrastructures	:	* []
Soil Sample-ID	:	- []

By pressing the F10 key you save the information as defined in the Data Entry Screen.

A warning will appear if compulsory fields are not as yet specified.

The Administrative Area must be specified, or entered as "Unspecified"
The Project must be specified, or entered as "Unspecified"
The Dataset Number must be larger than 0
The A-Priori Land Use Class must be specified, or entered as "Unspecified"

«Press <Enter>»

F1=Help

After storing the data, a new **reference** to that dataset is added.



F1=Help F3=Print F5=Copy F10=Edit Enter=Select Ins>Add Del>Delete

Some last remarks

- 1 The effect of setting options on the Screen layouts.
- 2 The impact of the Data Entry Filter on the data entry flow.
- 3 The link between a-priori Land Use Classes and Land Use Datasets.
- 4 The compulsory fields (parameters) of levels 1, 2, and 3.

For * fields, you can specify several items, e.g. roads, terraces, ...

```
«1. FAO, BOT/91/001 ► No:1 ► Botswana, Central, Palapye, Ratholo, Serulapye »
«2. No:1 ► Each LUS Description is valid for one Plot »
«3. Land Use System Descriptions»
No:1 ► **/11/1992 - **/11/1993 ► FAO-Test, Mixed-Intercr.of Cereal+Pukin/Melon
No:2 ► FAO-Test, Single Cropping of Cereals
«Add/Edit a Land Use System Description»
- Longitude (+ or x): » : - [Degrees]
Plot Location - UTM Projection
- Ellipsoid/Spheroid: Airy 1849
- UTM Zone : - [ ]
- Northing : - [Meters]
- Easting : - [Meters]
Plot Size : - - - [Min - Max]
- Unit : »
- Info Source : »
- Boundaries : Based on actual
Infrastructures : * ←
```

«Add/Edit an Infrastructure»

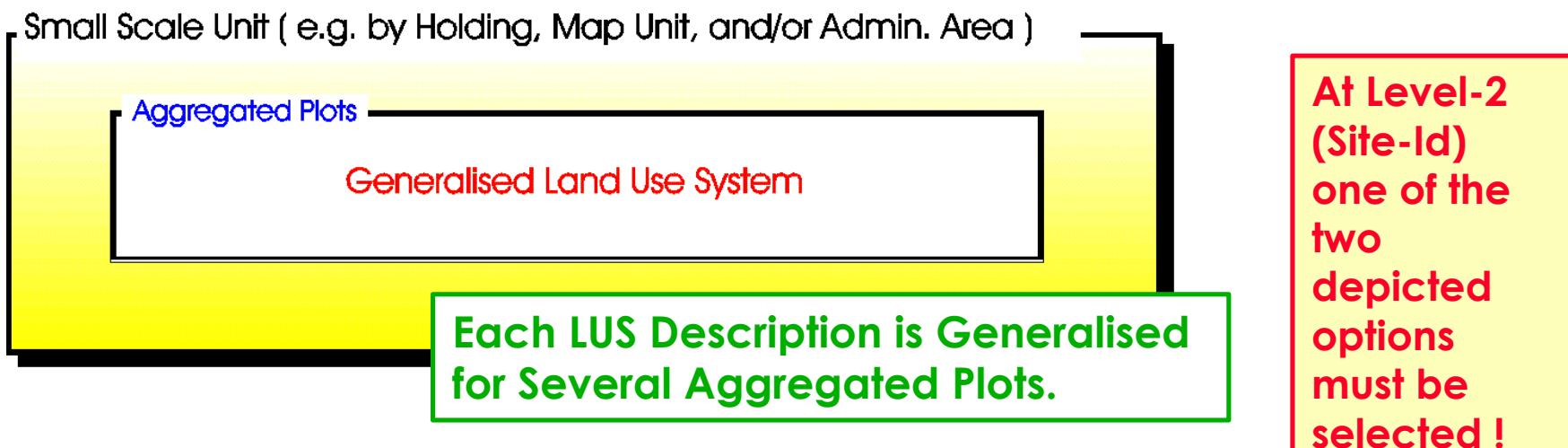
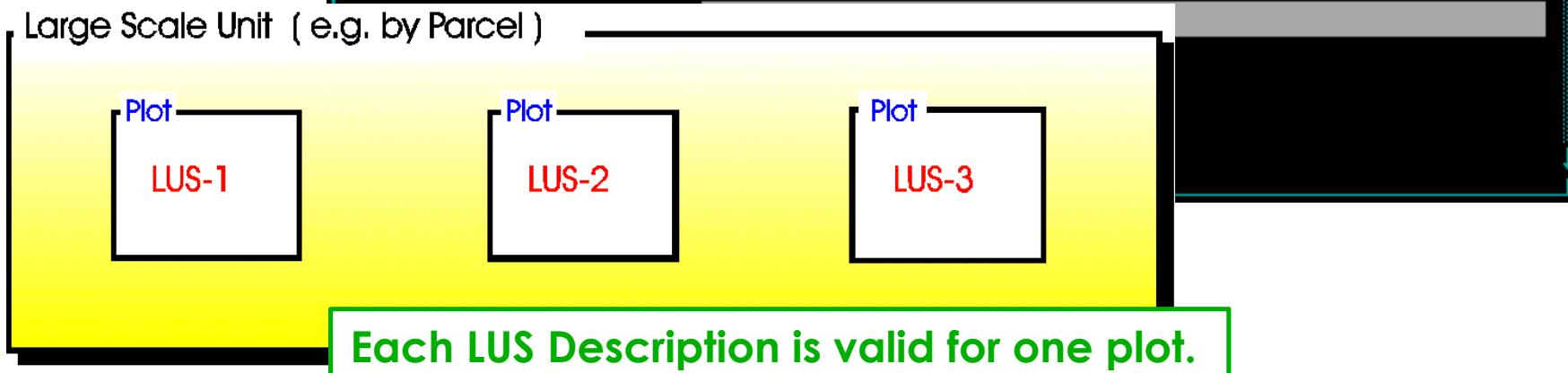
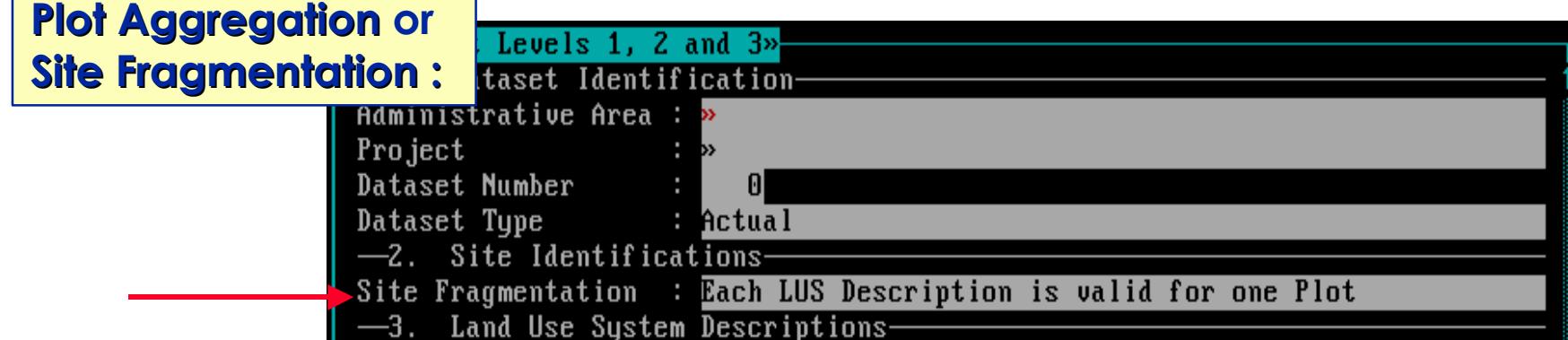
Infrastructure	: »
Quantity	: - - -
- Unit	: »
- Info Source	: »

Selecting a * field will open a second Edit Screen.

After saving the specified item, a new * will appear, etc.

Existing Infrastructures which are or may be used during the Operation Sequence
F1=Help F10=Save Enter=Select

Plot Aggregation or Site Fragmentation :



Use of the Enter key will take you to Level 4 of this Dataset Id. . .

```
«Dataset Identifications»  
» - ▶ No:1 ▶ Europe, Netherlands, The, Gelderland, Wageningen, » - »  
«1»
```

As reminder the present settings are shown :

```
«Settings»  
—Common Settings—  
File with Colour Settings C01STD.COL  
Report Width 80  
Coordinates Decimals  
Sound Yes  
—Settings for Data Entry Module—  
Data Entry Filter (see Glossary Module) Ma «Structure of One Dataset»  
Structure of One Dataset x Site-ID's : x LUS Descriptions  
Dataset-Display Selection: Admin.Area » x Site-ID's : 1 LUS Description  
Dataset-Display Selection: Project » 1 Site-ID : x LUS Descriptions  
Dataset-Display Sort Order Ad 1 Site-ID : 1 LUS Description  
Date Format dd «4»  
UTM Ellipsoid/Spheroid Airy 1849  
«13»
```

Current Dataset Structure setting
(levels 1, 2, 3 are merged)

F1=Help F3=Print F5=Copy F10=Edit Enter=Select Ins=Add Del=Delete

Shown below are two empty picklists at **Level 4**.
One for **Operations-Id. s** and one for **Observations Id. s.**

```
«1. » - ▶ No:1 ▶ Europe, Netherlands, The, Gelderland, Wageningen, » - »  
«2. No:1 ▶ Each LUS Description is valid for one Plot »  
«3. No:1 ▶ FAO-Test, Single Cropping of Cereals »  
«4. Operations and Observations»  
«Operations»  
«Observations»  
»2»
```

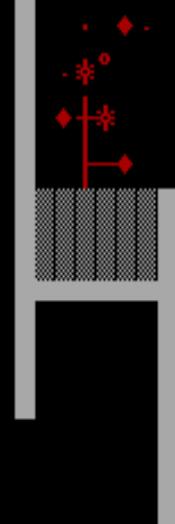
Demo-6 will continue explaining
these two options.

F1=Help F3=Print F5=Copy F10=Edit Ctrl-Ins=Add Obs. Ins=Add Oper. Del=Delete

Settings Land Use Data Land Use Classes Exit
↳ Current Filter: "Minimum Filter"

Half of the aspects of
this item are now
demonstrated.

The Data Entry Module



Version 1.04: 1 June 1995

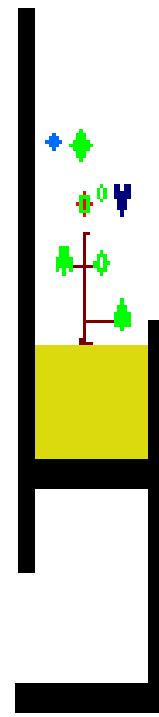
Authors: C.A. de Bie and J.A. van Leeuwen

(C) ITC, FAO, WAU 1995

Enter collected Land Use Data or edit stored data

14/03/1996 11:08

This is the end of the demo on Land Use Data: Part-1 . . .



The Land Use Database

End of Demo-5 ... Thank You

