

*Demo  
prepared by :*



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*WELCOME  
to  
The Land Use Database :*

*Demo-7 : Query*

# ***Shown is how to carry out a Query***

**Emphasis is put on the following software aspects :**

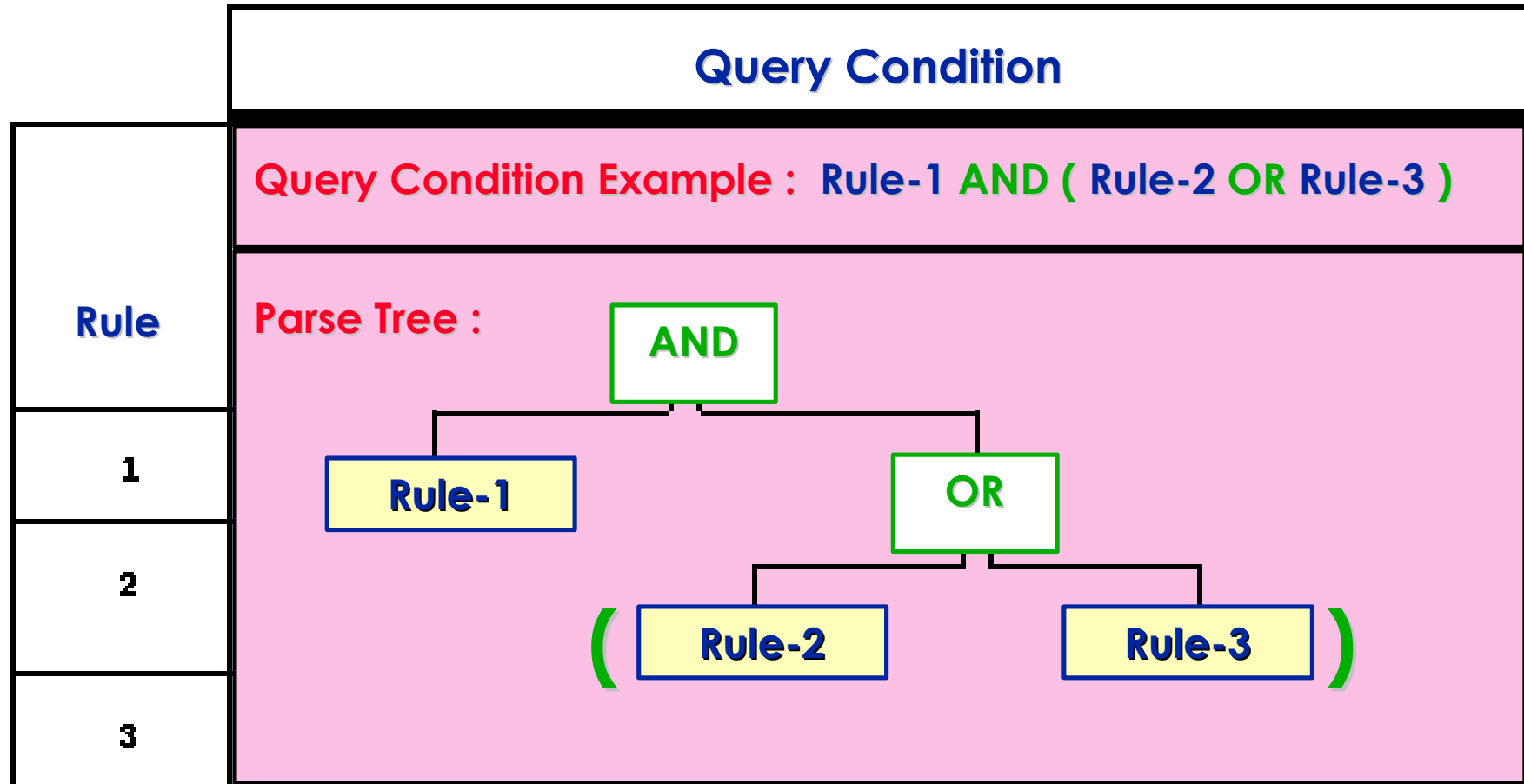
- 1 Select a query and define query settings.**
- 2 The functionality of the Approval File concept.**
- 3 How to define a query Condition.**
- 4 How to define query Output Fields.**
- 5 Run the query to get the required data.**

First some basic query info in a nutshell :

Query Condition			
Rule	Field Name	Criterion	
		Operator	Value
1	Administrative area	is equal to	Zimbabwe
2	Plot size	is larger than	0.5 hectares
3	Material input	is equal to	urea

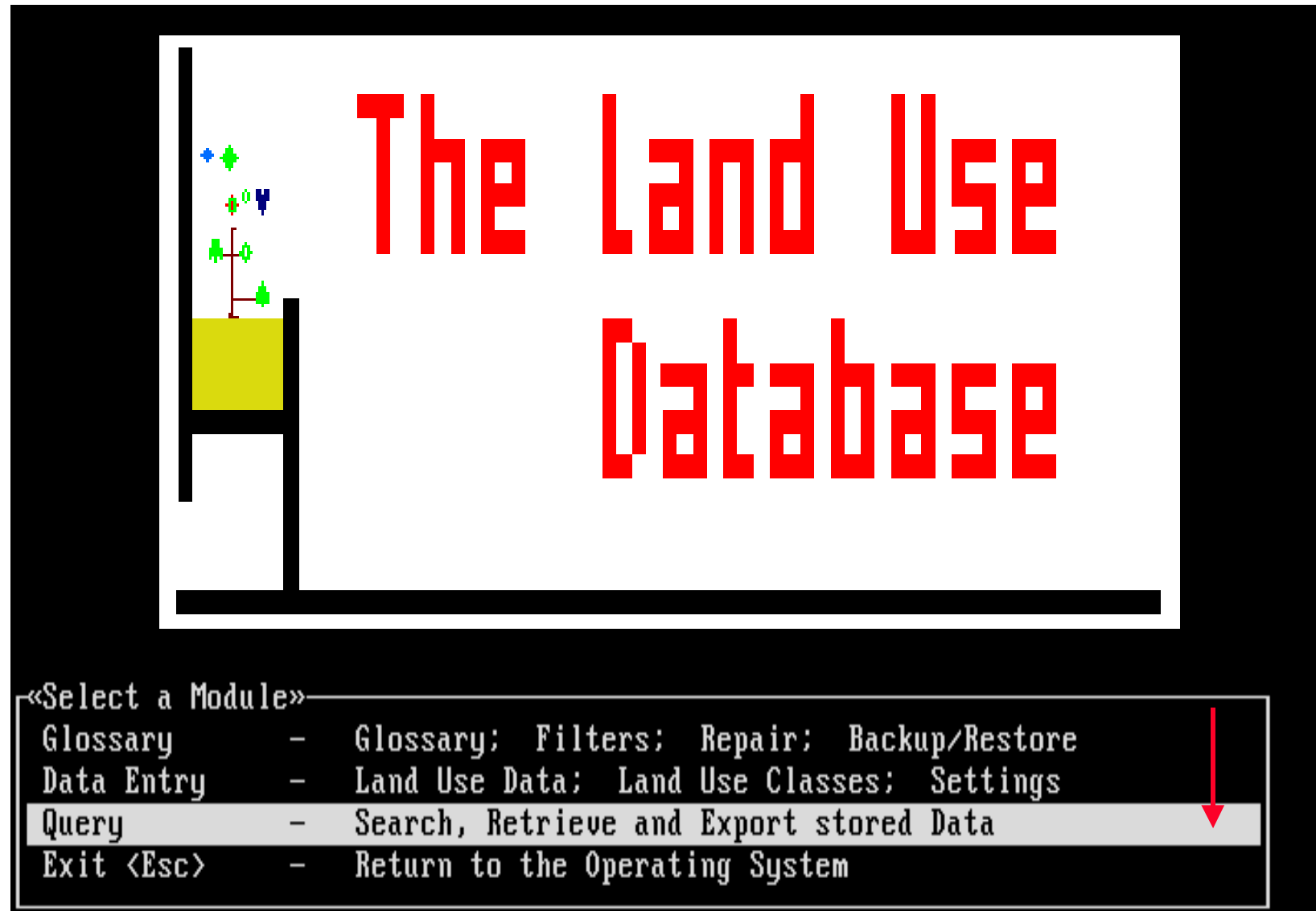
Keywords used to define a Query Condition are : Rule, Field Name, Criterion, Operator and Value.

Rules of one query can be combined using **AND**, **OR**, and **()** :



Besides the **Query Condition**, the selected fields to include in the query output must be selected; they are called : **Output Fields**.

Now back to the software: select **Query** of the **Main Menu**.



## ***Software aspect no.-1:***

- 1 Select a query and define query settings.**
- 2 The functionality of the Approval File concept.
- 3 How to define a query Condition.
- 4 How to define query Output Fields.
- 5 Run the query to get the required data.

Accordingly the first Main Menu of the Query Module will be shown.

Select a Query Exit  
↳ Current Query: "No Query Selected"

Presently only **two** options are shown. . . (till a query is selected).  
Choose now the **Select a Query** item and press **Enter**.

# The Query Module

Version 1.04; 1 June 1995

Authors: C.A. de Bie and J.A. van Leeuwen (C) ITC, FAO, WAU 1995

Select a Query and/or Edit the Query Settings 15/04/1996 11:22

The **Queries** picklist shows that no queries were previously defined.

«Queries»  
«0»

Before you can retrieve data, an existing query *must* be selected or a new one *added* . . .

To add a new Query press **Ins**.

F1=Help Ins=Add



Then the **Edit Settings** screen will allow you to start defining a new query. Later the query rules and output fields must be specified.

«Edit Settings»

Name	:	
Approval File	:	Dataset Identifications
Output Format	:	Screen/Printer
Output File	:	-
Log File	:	-
Print Field Names?	:	None
Date Format	:	dd/mm/yyyy
UTM Ellipsoid	:	Airy 1849
Query Type	:	Without Formulas and Subqueries
Used Items only?	:	No

A descriptive Name of the Query  
F1=Help F10=Save

Specify first the **Name** of the new query.

Then the **Approval File** must be selected.

The screenshot shows a terminal window with a menu structure. On the left, under the heading «Edit Settings», there is a list of options. The option «Approval File» is highlighted with a yellow box, and a red arrow points from it to the «Approval File» heading in the main menu on the right. The main menu is titled «Approval File» and contains a tree structure of sub-items. The sub-items are: Dataset Identifications (with sub-items Site Identifications and Land Use System Descriptions), Infrastructures, Land Use Purposes and Quantities, Operations (with sub-items Implements Used, Material Inputs, and Products/Benefits Obtained), Labour Inputs, Observations (with sub-item Implements Used), A-Priori Land Use Classes (with sub-items Species/Services//Products/Benefits and Classifiers), and «15» at the bottom right.

```
«Edit Settings»
Name :
Approval File : D
Output Format : S
Output File : -
Log File : -
Print Field Names? : N
Date Format : d
UTM Ellipsoid : A
Query Type : W
Used Items only? : N

«Approval File»
Dataset Identifications
├─ Site Identifications
│   └─ Land Use System Descriptions
│       ├── Infrastructures
│       ├── Land Use Purposes and Quantities
│       └─ Operations
│           ├── Implements Used
│           ├── Material Inputs
│           └─ Products/Benefits Obtained
├─ Labour Inputs
├─ Observations
│   └─ Implements Used
├─ A-Priori Land Use Classes
│   ├── Species/Services//Products/Benefits
│   └─ Classifiers
«15»
```

The File of the Relational Database in which the Records are selected

F1=Help

## ***As intermezzo: Software aspect no.-2:***

- 1 Select a query and define query settings.
- 2 **The functionality of the Approval File concept.**
- 3 How to define a query Condition.
- 4 How to define query Output Fields.
- 5 Run the query to get the required data.

The **relational structure** of all database files is shown in order to select one of these files.

The next three **examples** will start providing background on the **Approval File** concept . . .

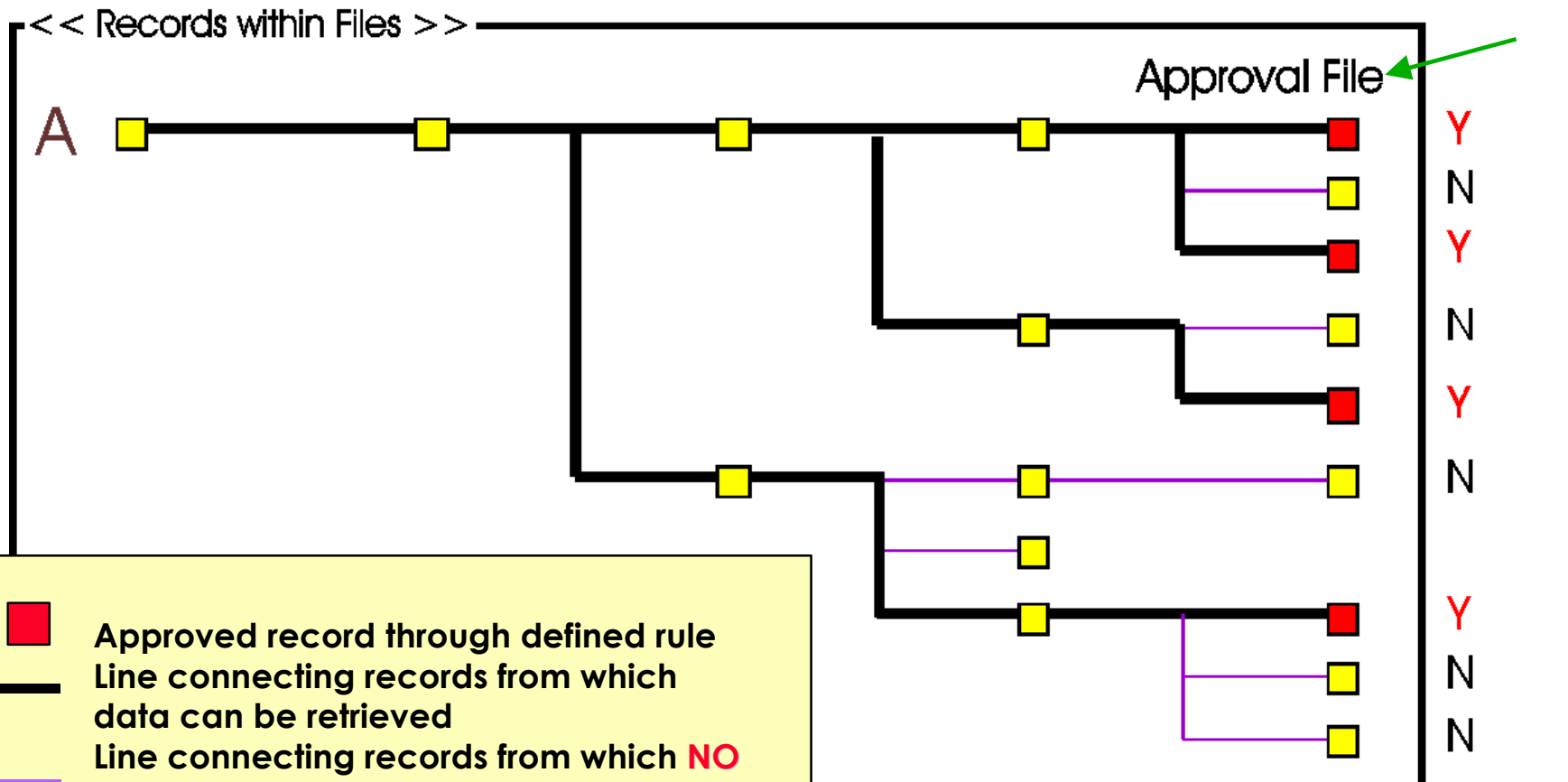
The screenshot displays a menu system with two main sections. On the left, under the heading «Edit Settings», there is a list of options with corresponding characters in a column: Name, Approval File (highlighted with a yellow box), Output Format, Output File, Log File, Print Field Names?, Date Format, UTM Ellipsoid, Query Type, and Used Items only. On the right, under the heading «Approval File», there is a hierarchical tree structure of dataset identifications. A red arrow points from the highlighted 'Approval File' option in the left menu to the «Approval File» heading in the right menu. The tree structure includes: Dataset Identifications, Site Identifications, Land Use System Descriptions, Infrastructures, Land Use Purposes and Quantities, Operations, Implements Used, Material Inputs, Products/Benefits Obtained, Labour Inputs, Observations, Implements Used, A-Priori Land Use Classes, Species/Services//Products/Benefits, and Classifiers. The bottom right corner of the menu area shows «15».

The File of the Relational Database in which the Records are selected

F1=Help

**Example-A: The Approval File selected is **Material Inputs**.**

<< Files >>					
Dataset	Sample Site	L.U. System	Material	Urea	
Identifications	Identifications	Descriptions	Inputs	used?	

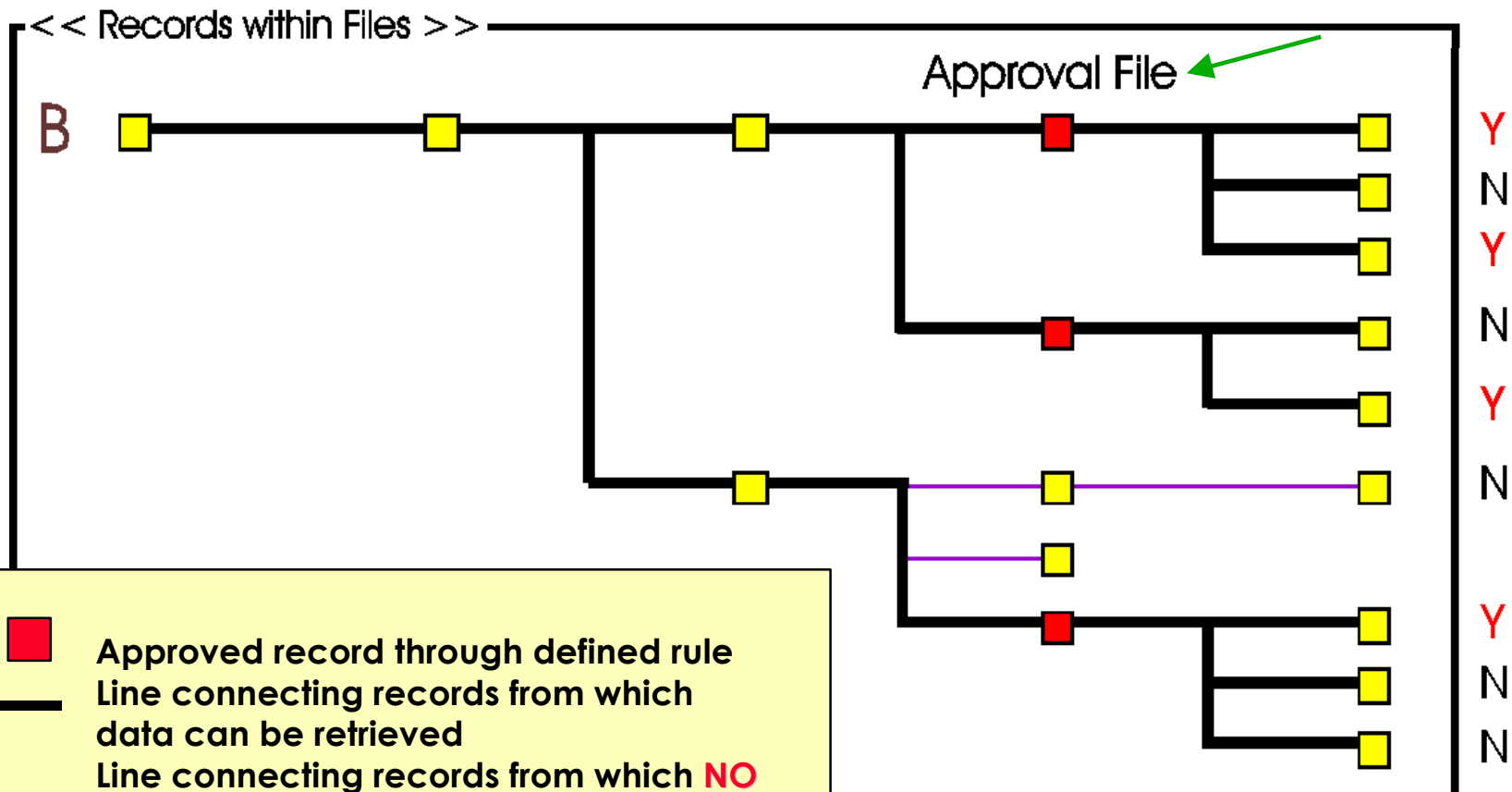


■ Approved record through defined rule  
 Line connecting records from which data can be retrieved  
 Line connecting records from which **NO** data can be retrieved

Continued ...

**Example-B: The Approval File selected is **Operations**.**

<< Files >>					Urea used?
Dataset	Sample Site	L.U. System	Material		
Identifications	Identifications	Descriptions	Operations	Inputs	

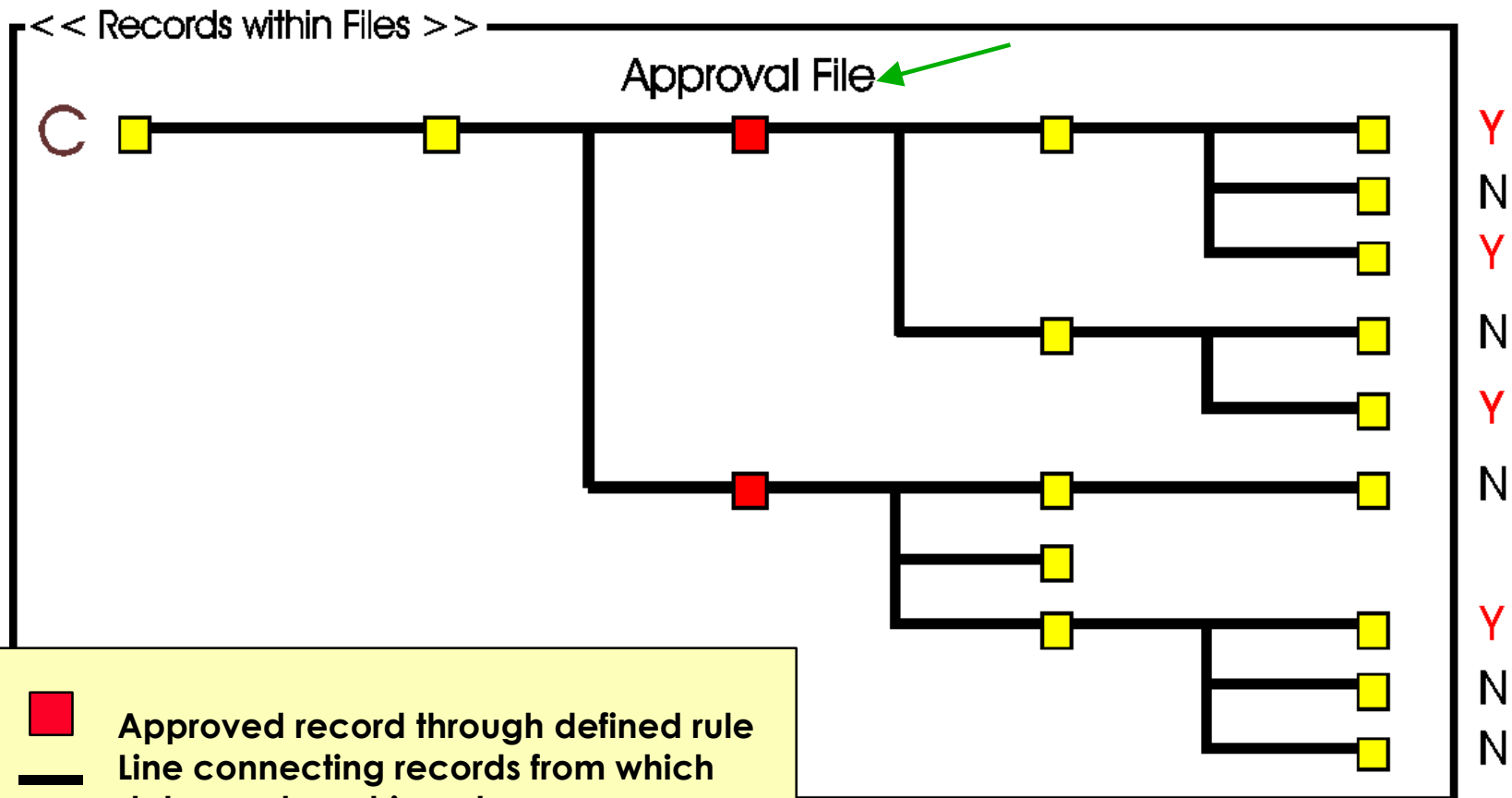




■ Approved record through defined rule  
 Line connecting records from which data can be retrieved  
 Line connecting records from which **NO** data can be retrieved

Continued ...

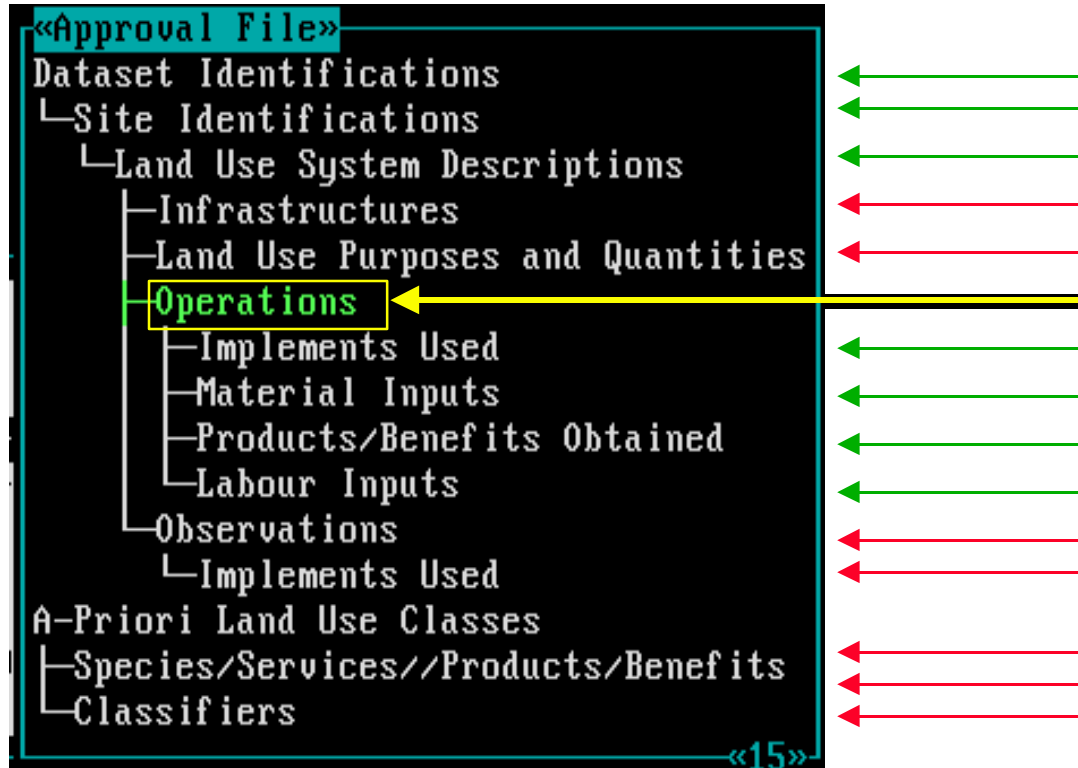
**Example-C: The Approval File selected is L.U.System Descriptions.**

<< Files >>					Urea used?
Dataset Identifications	Sample Site Identifications	L.U. System Descriptions	Operations	Material Inputs	



 Approved record through defined rule  
 Line connecting records from which data can be retrieved

If the selected Approval File is **Operations**, then . . .



Data can be retrieved only from files connected through a **left-up** line or through a **down-right** line.

- ← Files from which data can be retrieved (define the fields later in **Output Fields** ), and from which fields can be used to define query rules.
- ← Files from which **NO** data can be retrieved, and from which **NO** fields can be selected to define query rules (except when defining a sub-query using **having** ).



## ***Continuation of software aspect no.-1:***

- 1 Select a query and define query settings.**
- 2 The functionality of the Approval File concept.
- 3 How to define a query Condition.
- 4 How to define query Output Fields.
- 5 Run the query to get the required data.

Next the Output Format must be selected.

Presently 13 Output Format options are made available.

```
«Output Format»
Screen/Printer
Land Use Data (Land Use Database Format)
Database - dBASE (One File)
Text - SDF
Text - Comma Delimited
Spreadsheet - 1-2-3 2.x
Spreadsheet - 1-2-3 3.x
Spreadsheet - Quattro
Spreadsheet - Quattro Pro
Spreadsheet - Symphony
Spreadsheet - Excel 2.x
Spreadsheet - Excel 3.x for Windows
Spreadsheet - Excel 4.x for Windows
«13»
```

«Edit Settings»

Name	:	D	Text - SDF
Approval File	:	D	Text - Comma Delimited
Output Format	:	S	Spreadsheet - 1-2-3 2.x
Output File	:	-	Spreadsheet - 1-2-3 3.x
Log File	:	-	Spreadsheet - Quattro
Print Field Names?	:	N	Spreadsheet - Quattro Pro
Date Format	:	d	Spreadsheet - Symphony
UTM Ellipsoid	:	A	Spreadsheet - Excel 2.x
Query Type	:	W	Spreadsheet - Excel 3.x for Windows
Used Items only?	:	N	Spreadsheet - Excel 4.x for Windows

Relational Database Output

Flat File Output

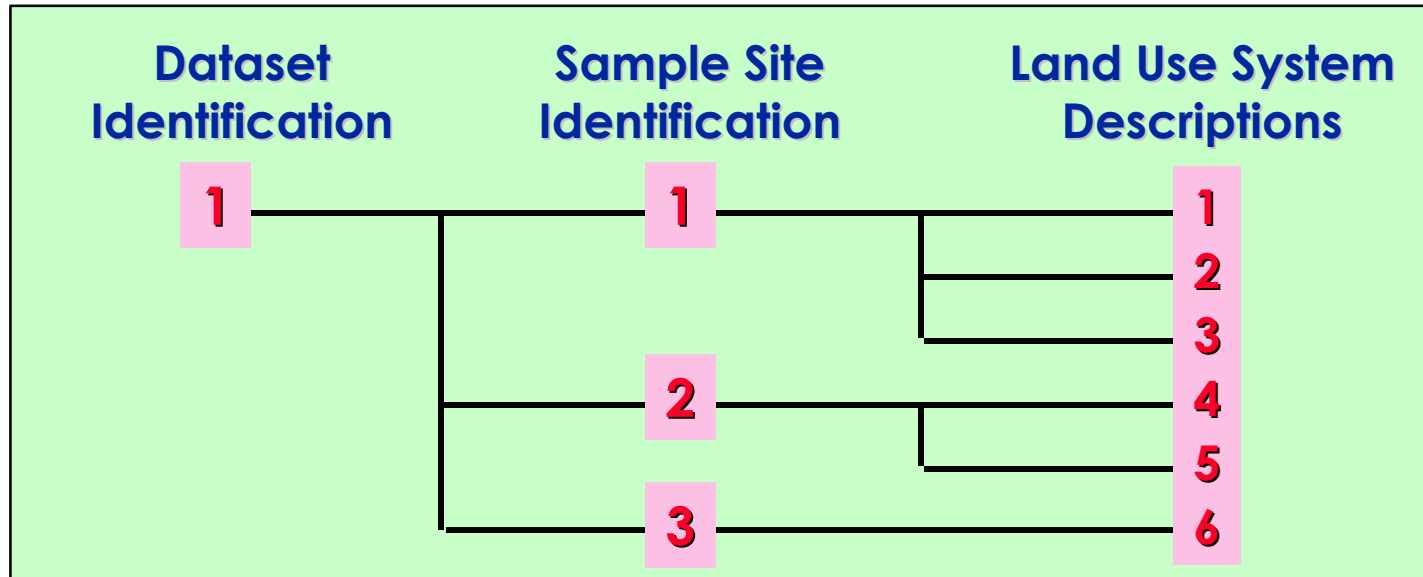
The Format in which the Output is generated

F1=Help

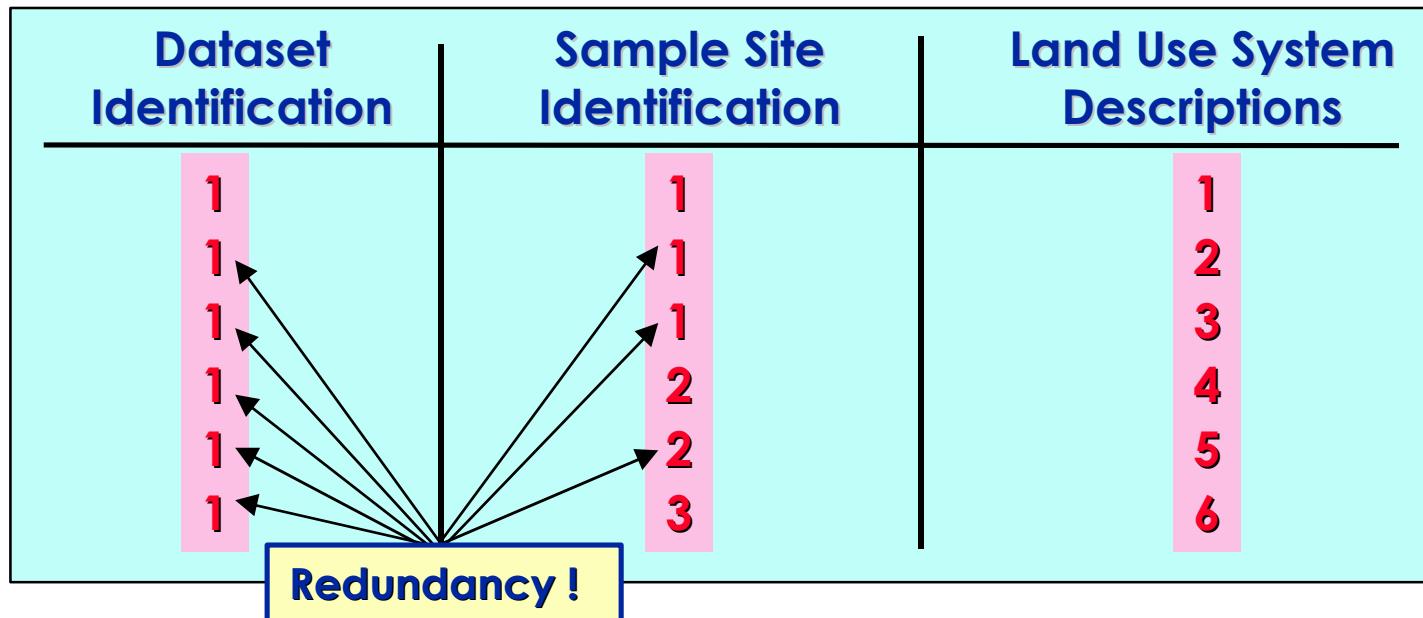
The Flat File output formats are explained next . . .

## Converting Relational Files to a single Flat File output format :

Records in  
Files of a  
Relational  
Database



Flat File  
with rows  
and  
columns





See the manual for the other settings ( Section 7.3 ).

Now all settings  
for **Test Query** are  
specified.

Press **F10** to save  
the new query.

«Edit Settings»

Name	:	test query
Approval File	:	Dataset Identifications
Output Format	:	Screen/Printer
Output File	:	-
Log File	:	-
Print Field Names?	:	<b>Descriptive with Line</b>
Date Format	:	dd/mm/yyyy
UTM Ellipsoid	:	Airy 1849
Query Type	:	Without Formulas and Subqueries
Used Items only?	:	No

Determine if a Field Name is printed for each Column in the Output  
F1=Help F10=Save Enter=Select

The **Queries** picklist includes now the new query : **test query**.

```
<<Queries>>  
test query  
                                     <<1>>
```

Now you can select this query and specify all other query details like: the condition and the output fields .....

To select the new Query press **Enter**.

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

## ***Software aspect no.-3:***

- 1 Select a query and define query settings.
- 2 The functionality of the Approval File concept.
- 3 How to define a query Condition.**
- 4 How to define query Output Fields.
- 5 Run the query to get the required data.

After selecting **test query**, the second Main Menu is shown which now includes the **Condition** and **Output Fields** options.

Select a Query **Condition** Output Fields Execute Exit  
↳ Current Query: "test query"

The name of the selected query is now shown.

**The Query Module**

Version 1.04; 1 June 1995

Authors: C.A. de Bie and J.A. van Leeuwen (C) ITC, FAO, WAU 1995

Edit the Condition of the Query 15/04/1996 11:32

Select the **Condition** option and press **Enter**.



The **Query Condition** picklist shows that so far no **rules** are defined.

«Query Condition»  
«()»

Remember that a Condition consists of Rules, and that each rule consists of a [ Field Name, an Operator and a Value ].

Press **Ins** to add a rule.

F1=Help **Ins=Add**

To start preparing a rule, first select a **File** from the relational structure.

```
«Select a File»
Dataset Identifications
├─ Site Identifications
│   └─ Land Use System Descriptions
│       ├── Infrastructures
│       ├── Land Use Purposes and Quantities
│       ├── Operations
│       │   ├── Implements Used
│       │   ├── Material Inputs
│       │   ├── Products/Benefits Obtained
│       │   └─ Labour Inputs
│       └─ Observations
│           └─ Implements Used
└─ «12»
```

Select any of the shown Files.

Only the files are shown from which fields can be used to define a rule; this depends on the selected Approval File.

Next in sequence a **Field Name** must be selected . . .

```
File: Dataset Identifications
«Select a Field»
■ A Unique Dataset ID
Administrative Area
Project
Dataset Number
Dataset Type
Enumeration Date
Enumerator's Name
Respondent's Name
Holder's Name
Holding Latitude
Holding Longitude
Holding UTM Zone
Holding UTM Northing
Holding UTM Easting
Minimum Holding Size
Maximum Holding Size
■ Average Holding Size
├─ Holding Size Unit
└─ Holding Size Info Source
Dataset Comments
«20»
```

The name of the selected File.

Select any of the shown Field Names.

All field names of the selected file are shown plus ■ fields that either represent calculated averages or the record no. within the database file.

F1=Help

Next in sequence the **Operator** must be selected . . .

File: Dataset Identifications

└Field: Administrative Area

«Select an Operator»

is equal to  
is not equal to  
is unspecified  
is specified

«4»

The name of the selected Field.

Select any of the shown Operators.

The list of operators differs from one selected field to another one; only applicable operators are listed.

F1=Help

Finally the **Value** of the rule must be selected . . .

File: Dataset Identifications

└Field: Administrative Area

is equal to

«Administrative Areas»

5 Africa

10 Asia

15 Australasia; SW-Pacific

20 Europe

25 North,Centr America; W Indies

30 Near-East

35 S-America

0 >>

0 >>

0 >>

0 >>

0 >>

>>

>>

>>

The name of the  
selected Operator.

Select any of the shown  
Glossary Items.

Only for the fields linked with  
the glossary, the applicable  
glossary trees will be shown.

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

After selecting the **Value**, the **Rule** is added to the **Query Condition**.

```
<<Query Condition>>  
Administrative Area is equal to Africa  
«1»
```

Press **Ins** again if you want to specify an additional rule.

F1=Help F5=Copy Ins=Add Del=Delete

After pressing **Ins**, select again a **File** from the relational structure.

```
«Select a File»
Dataset Identifications
├─ Site Identifications
│   └─ Land Use System Descriptions
│       ├── Infrastructures
│       ├── Land Use Purposes and Quantities
│       ├── Operations
│       │   ├── Implements Used
│       │   ├── Material Inputs
│       │   ├── Products/Benefits Obtained
│       │   └─ Labour Inputs
│       └─ Observations
│           └─ Implements Used
└─ «12»
```

Select any of the shown Files.

This list is as shown before (same Approval File).

Again, next in sequence a **Field Name** must be selected . . .

```
File: Dataset Identifications
└─ «Select a Field»
  └─ A Unique Dataset ID
  Administrative Area
  Project
  Dataset Number
  Dataset Type
  Enumeration Date
  Enumerator's Name
  Respondent's Name
  Holder's Name
  Holding Latitude
  Holding Longitude
  Holding UTM Zone
  Holding UTM Northing
  Holding UTM Easting
  Minimum Holding Size
  Maximum Holding Size
  └─ Average Holding Size
    └─ Holding Size Unit
    └─ Holding Size Info Source
  Dataset Comments
  └─ «20»
```

The name of the selected File.

Select any of the shown Field Names.

F1=Help



Again, next in sequence the **Operator** must be selected . . .

File: Dataset Identifications

└Field: Enumeration Date

«Select an Operator»

is equal to  
is not equal to  
is smaller than  
is smaller than or equal to  
is larger than  
is larger than or equal to  
is between  
is not between  
is unspecified  
is specified

«10»

The name of the selected Field.

Select any of the shown Operators.

The list of operators indeed differs from one shown before (different field selection).

F1=Help

And again, finally the **Value** of the rule must be selected . . .

```
File: Dataset Identifications
└Field: Enumeration Date
  is larger than
```

The name of the  
selected Operator.

The selected fields is not linked  
with the Glossary.

As in the Data Entry Module, an  
edit screen is shown in which  
the required Value for the field  
must be entered.

```
Enumeration Date : 
```

(dd/mm/yyyy)

F1=Help F6=Unspecified F8=Calendar F10=Save

After selecting the **Value**, the **Rule** is added to the **Query Condition**.

```
«Query Condition»  
Administrative Area is equal to Africa  
and  
Enumeration Date is larger than 01/01/1990  
«3»
```

Between the two rules, automatically an AND boolean is placed.

Press **Ins** again if you want to specify a third rule.

Additional functions keys are now made available in order to modify the condition.

F1=Help F5=Copy Ins=Add Del=Delete ()=Parentheses Alt-A=And Alt-M=Move Alt-O=Or

Again **Ins** is pressed. Now as example a **subquery** will be shown . . .

```
File: Land Use System Descriptions
└Field: A-Priori LU Class
  «Select an Operator»
  is equal to
  is not equal to
  is unspecified
  is specified
  having
  not having
  «6»
```

The names of the selected File and Field.

Select Having from the list of shown Operators.

Again the list of operators differs from ones shown before.

The operators Having and Not Having relate to a temporary shift of Approval File selection !!

F1=Help

Since now a **subquery** is initiated, an empty **Query Condition** picklist is shown, the subquery behaves fully like a normal query . . .

```
File: Land Use System Descriptions
└Field: A-Priori LU Class
  «Query Condition»
  «()»
```

Other subqueries can be initiated by selecting the Having operators for the A Unique xxx -Id fields.

To assess the Having operators, as Query Type setting the option With Formulas and Subqueries must be selected.

Press **Ins** to  
add a rule.

F1=Help Ins=Add

Once more, to start preparing a rule, first select a **File** from the relational structure.

```
File: Land Use System Descriptions
└Field: A-Priori LU Class
  «Select a File»
  A-Priori Land Use Classes
  └Species/Services//Products/Benefits
    └Classifiers
      «3»
```

Presently only those files are shown that relate to **A-Priori Land Use Classes** as Approval File.

**Note: the field: A-Priori LU Class and the file: A-Priori Land Use Classes have a 1:1 relation.**

Once the **rule** is specified (as shown before), it will be included in the **Query Condition** picklist of the **subquery**.

```
File: Land Use System Descriptions
└Field: A-Priori LU Class
  «Query Condition»
  Species/Service is equal to Plants, Cereals
  «1»
```

Press now **Esc** to  
return to the  
original query.

F1=Help F5=Copy Ins=Add Del=Delete

The **Query Condition** picklist of the original query will now include the subquery.

```
«Query Condition»  
Administrative Area is equal to Africa  
and  
Enumeration Date is larger than 01/01/1990  
and  
A-Priori LU Class having (  
  Species/Service is equal to Plants, Cereals  
)  
«?»
```

Rule embedded  
in the subquery.

**Note:** if the A-Priori LU Class is defined on the basis of cereal production, the A-Priori LU Class record is approved, and successively the Dataset Identification record is approved.

Press now **Esc** to return to second Main Menu of the Query Module.

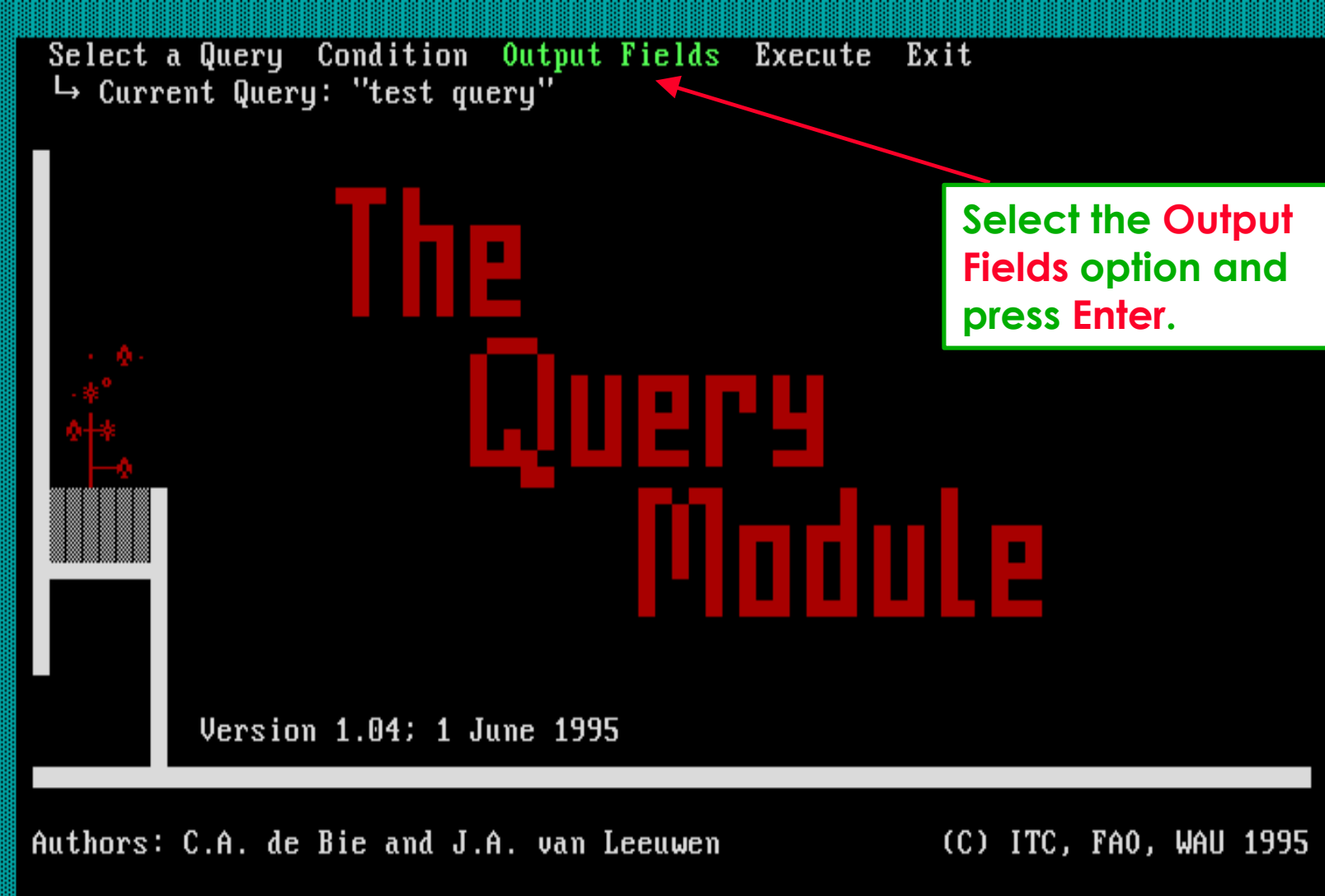
F1=Help F5=Copy Ins=Add Del=Delete ()=Parentheses Alt-A=And Alt-M=Move Alt-O=Or



## ***Software aspect no.-4:***

- 1 Select a query and define query settings.
- 2 The functionality of the Approval File concept.
- 3 How to define a query Condition.
- 4 **How to define query Output Fields.**
- 5 Run the query to get the required data.

After defining the **Query Condition** you must specify one or more **Output Fields**.



The screenshot shows a terminal window with a black background and white text. At the top, a menu is displayed: "Select a Query Condition Output Fields Execute Exit". The "Output Fields" option is highlighted in green. Below the menu, it says "↳ Current Query: 'test query'". A red arrow points from a callout box to the "Output Fields" option. The callout box contains the text: "Select the Output Fields option and press Enter." In the center of the screen, the title "The Query Module" is written in large, red, pixelated letters. To the left of the title, there is a small graphic of a tree with red leaves and a grey base. At the bottom left, it says "Version 1.04: 1 June 1995". At the bottom right, it says "Authors: C.A. de Bie and J.A. van Leeuwen (C) ITC, FAO, WAU 1995". A teal bar at the very bottom of the screen contains the text "Select Fields for Query Output" on the left and "15/04/1996 11:45" on the right.

Select a Query Condition **Output Fields** Execute Exit  
↳ Current Query: "test query"

**The Query Module**

Version 1.04: 1 June 1995

Authors: C.A. de Bie and J.A. van Leeuwen (C) ITC, FAO, WAU 1995

Select Fields for Query Output 15/04/1996 11:45

Select the **Output Fields** option and press Enter.

The **Output Fields** picklist shows that so far no **fields** are selected.

«Output Fields»  
«|»

Realize that the **Query Condition** defines *which* section of the database will be available for data retrieval. Now, for *that* section, you must define the **Output Fields** (parameters) for which data retrieval is *actually* required.

Press **Ins** to  
add a field.

F1=Help Ins=Add

Before selecting an **Output Field**, first select a **File** from the relational structure.

```
«Select a File»
Dataset Identifications
├─ Site Identifications
│   └─ Land Use System Descriptions
│       ├── Infrastructures
│       ├── Land Use Purposes and Quantities
│       ├── Operations
│       │   ├── Implements Used
│       │   ├── Material Inputs
│       │   ├── Products/Benefits Obtained
│       │   └─ Labour Inputs
│       └─ Observations
│           └─ Implements Used
└─ «12»
```

Select any of the shown Files.

Only the files are shown from which Output Fields can be selected; this again depends on the selected Approval File.

F1=Help Enter=Select

Next in sequence, an **Output Field** must be selected . . .

File: Land Use System Descriptions

«Select a Field»

■ A Unique LUS Description ID

Plot Latitude

Plot Longitude

Plot UTM Zone

Plot UTM Northing

Plot UTM Easting

Minimum Plot Size

Maximum Plot Size

■ Average Plot Size

├ Plot Size Unit

├ Plot Size Info Source

└ Plot Size Boundaries

Soil Sample-ID

Start Operation Sequence Period

End Operation Sequence Period

A-Priori LU Class

LUS Comments

«17»

The name of the selected File.

Select any of the shown Field Names.

All field names of the selected file are shown plus ■ fields that either represent calculated averages or the record no. within the database file.

F1=Help Enter=Select

After selecting the **Output Field**, a **Display Format** must be selected.

```
File: Land Use System Descriptions
└Field: Plot Latitude
«Select a Display Format»
Coordinate, Negative for Western or Southern Hemisphere
Left justified
Negative values in ( )
Negative values in ( ) and left justified
Degrees, Minutes, Seconds (°'")
«5»
```

The name of the selected Field.

Select any of the shown Display Formats.

The list of display formats differs from one selected field to another one; only applicable formats are listed.

F1=Help Enter=Select

Next, for Flat File output formats, the **Column Width and Number of Decimals** for the selected Output Column must be specified.

```
File: Land Use System Descriptions
└Field: Plot Latitude
  └Display Format: Coordinate, Negative for Western or Southern Hemisphere
```

The selected  
Display Format.

**Note:**  
shown below is the  
format 123.56789

Default values will be provided,  
only change them when  
required.

Press **F10** to accept the  
specified values.

```
Column Width      : 9
Number of Decimals : 5
```

The maximum Width for this Column

F1=Help F8=Calc F10=Save

If, within the Flat File the selected Output Column must be sorted, then select one of the provided options.

```
File: Land Use System Descriptions
└Field: Plot Latitude
  └Display Format: Coordinate, Negative for Western or Southern Hemisphere
    └Column Width: 9; Decimals: 5
```

```
«Record Sort Order»
None
0-9,A-Z,a-z
z-a,Z-A,9-0
0-9,Aa-Zz
Zz-Aa,9-0
«5»
```

The specified Column statistics.

Select any of the shown Record Sort Order options.



Then, you will return to the **Output Fields** picklist, that includes now summarized information on the **field** selected.

«Output Fields (Parameters)»	Display Format	Width	Sort Order	SPr»
Plot Latitude	Coordinate, Negative	9;5		«1»

No sort option was specified.

Press **Ins** to add another field.

F1=Help F5=Copy F10=Edit Ins=Add Del=Delete

Presently three **Output Fields** are included in the picklist. You may want to change the **order** in which they appear in the final report.

«Output Fields (Parameters)»	Display Format	Width	Sort Order	SPr»
Plot Latitude	Coordinate, Negative	9;5		
Plot Longitude	Coordinate, Negative	10;5		
Dataset Number	As entered	4		

«3»

You may want **Dataset Number** as first column in your Flat File.

Press **Alt-M** to move the selected field to a different place.

F1=Help F5=Copy F10=Edit Ins=Add Del=Delete Alt-M=Move

After pressing **Alt-M**, a **Move Output Field** picklist will appear on top of the **Output Fields** picklist.

«Output Fields (Parameters)»	Display Format	Width	Sort Order	SPr»
«Move Output Field»				
Plot Latitude	Coordinate, Negative	9;5		
Plot Longitude	Coordinate, Negative	10;5		
Dataset Number	As entered	4		

«3»

Highlight now the field that must later appear below the field just selected.

**Note:**  
If not the last field was selected to move, a <Last Item> option will be placed in the picklist to allow moving an item to the very end.

Press **Enter** after you made a selection.

Give new Position of selected Item  
F1=Help Enter=New Position Esc=Exit

**Plot Latitude** was selected in the **Move Output Field** picklist, and **Dataset Number** will thus appear on top in the picklist.

«Output Fields (Parameters)»	Display Format	Width	Sort Order	SPr»
Dataset Number	As entered	4		
Plot Latitude	Coordinate, Negative	9;5		
Plot Longitude	Coordinate, Negative	10;5		

«3»

Note that more options are made available to you.

F1=Help F5=Copy F10=Edit Ins=Add Del=Delete Alt-M=Move

## ***Software aspect no.-5:***

- 1 Select a query and define query settings.
- 2 The functionality of the Approval File concept.
- 3 How to define a query Condition.
- 4 How to define query Output Fields.
- 5 **Run the query to get the required data.**

Select a Query Condition Output Fields **Execute** Exit  
↳ Current Query: "test query"

# The Query Module

Select the **Execute** option and press **Enter**.

Version 1.04: 1 June 1995

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

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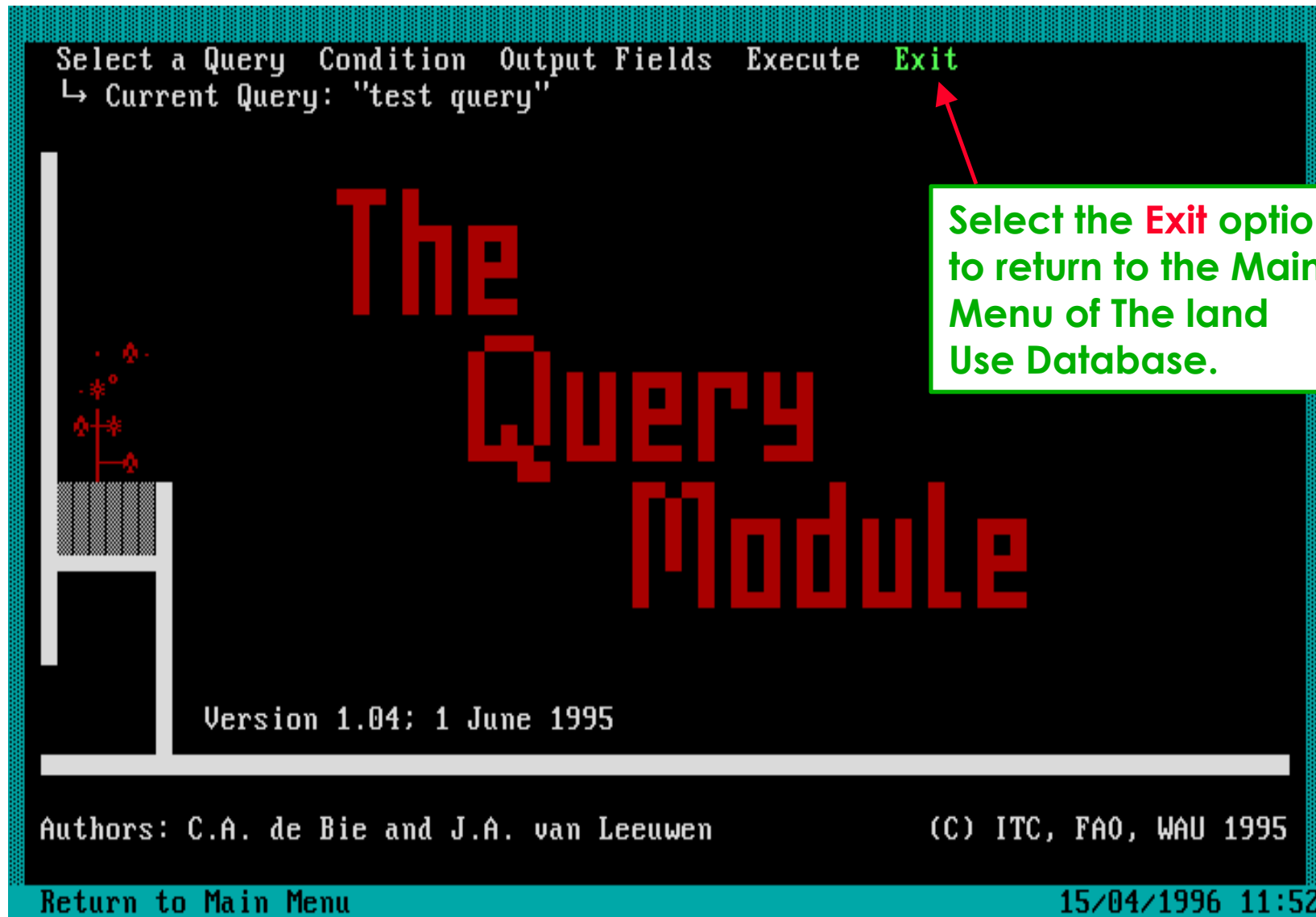
After a series of flash-messages at the bottom of the screen, the required **query results** are generated.

Dataset Number	Plot Latitude	Plot Longitude
1	-18.40972	29.11750
2	-18.40833	29.12083
3	-18.35639	29.11000
5	-18.35333	29.11278
7	-18.41000	29.08917
8	-18.40250	29.09000
9	-18.35722	29.09389
10	-18.36111	29.09472
11	-18.36417	29.09639
12	-18.40083	29.17333
13	-18.39889	29.17472
15	-18.39333	29.17472
16	-18.39556	29.17722
17	-18.38556	29.14944
19	-18.38639	29.14750
21	-18.39528	29.20444
22	-18.40139	29.20778
24	-18.39528	29.20722
25	-18.39417	29.20861
27	-18.40222	29.21639
29	-18.38694	29.21583

As selected in the Query Settings, the query results will be printed, shown on the screen, or placed in a file in the required format.

F1=Help Esc=Exit

All important options and features of the Query Module are presently shown. See the **User s Reference Manual** for further details.



The screenshot displays a terminal window for the Query Module. At the top, a menu lists options: "Select a Query", "Condition", "Output Fields", "Execute", and "Exit". The "Exit" option is highlighted in green. Below the menu, it shows "↳ Current Query: 'test query'". The main area features the title "The Query Module" in large red letters. A small graphic of a tree is on the left. At the bottom, it shows "Version 1.04; 1 June 1995", authors "C.A. de Bie and J.A. van Leeuwen", and copyright "(C) ITC, FAO, WAU 1995". A status bar at the very bottom contains "Return to Main Menu" and the timestamp "15/04/1996 11:52". A callout box with a green border and a red arrow points to the "Exit" option, containing the text: "Select the **Exit** option to return to the Main Menu of The land Use Database."

Select a Query Condition Output Fields Execute **Exit**  
↳ Current Query: "test query"

# The Query Module

Version 1.04; 1 June 1995

Authors: C.A. de Bie and J.A. van Leeuwen (C) ITC, FAO, WAU 1995

Return to Main Menu 15/04/1996 11:52

Select the **Exit** option to return to the Main Menu of The land Use Database.





End of Demo-7 ..... Thank YOU

