



# Forest Research

An agency of the Forestry Commission

## SRC Database – User Guide

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## 1 Introduction

The Short Rotation Coppice (SRC) database was designed in Microsoft Access. The database contains many different data sets sampled during the lifetime of the SRC project. See the report “Short Rotation Coppice (SRC): Data handling and database design and construction”. It includes such data sets as: Damage Data, D100, Growth Band, Soil, Length & Biomass, Standing Biomass and Meteorological Data.

The database contains many different and complex data sets. In order to allow users easier access to the data, the database includes a number of forms. These forms cover the data sets that we anticipate would be the most commonly required.

## 2 Using the database

### 2.1 Front end

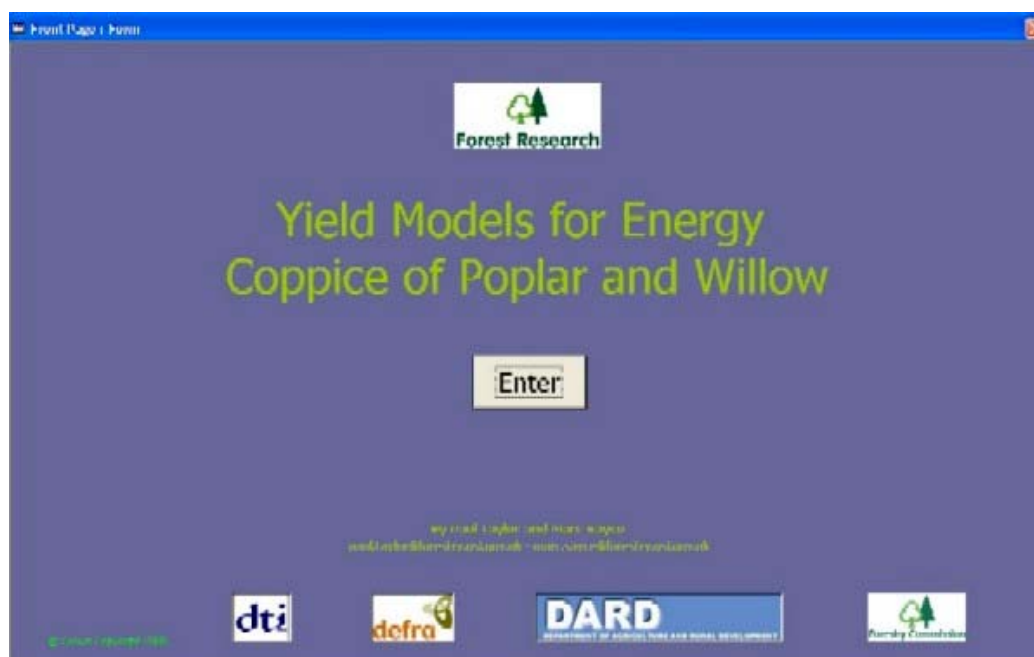
Researchers requiring the data need a means of access that is available on their own desk and which does not require specialist knowledge.

MS-Access is part of the Microsoft Office suite and is loaded on many PCs. It is closely integrated with the other packages in the suite (Word, Excel etc.) and is easy to use after some basic training. Users can view and query the data through a series of Access Forms and therefore do not need to learn any database skills.

### 2.2 Getting Started

#### 2.2.1 Front Page

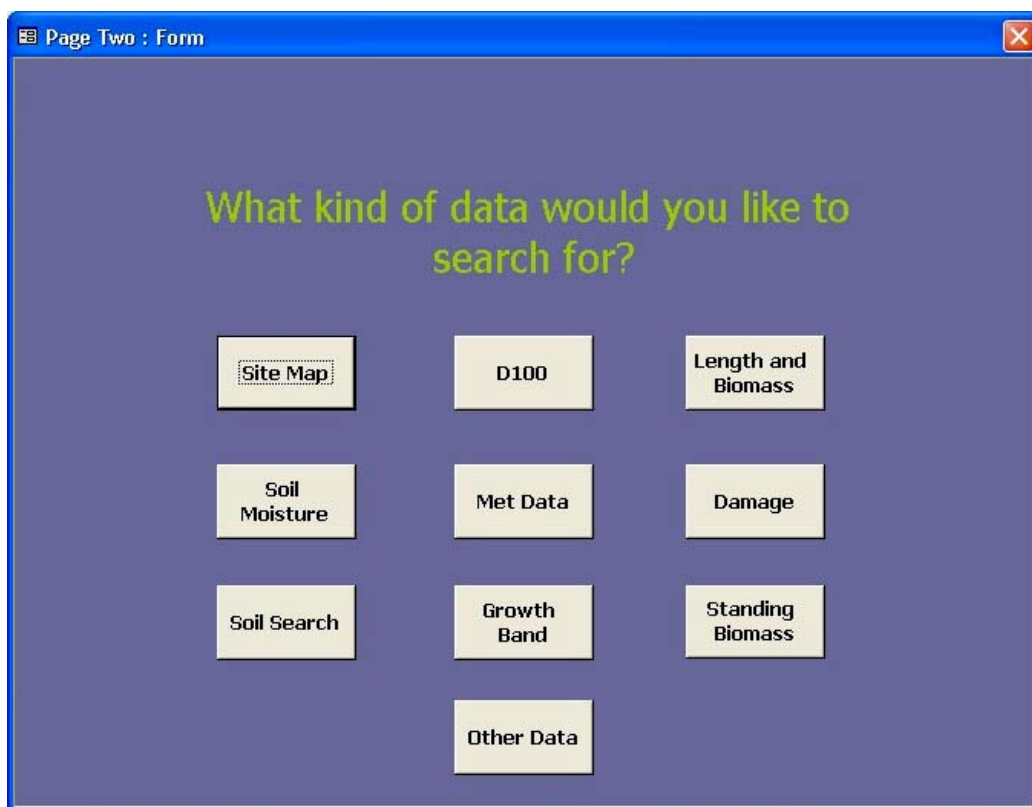
On opening the database in Access, the page below is displayed. This is the front page and details the organisations involved in this SRC database. The organisations logos are also hyperlinks which can direct the user to the appropriate website. Press the ‘Enter’ button to continue.





### 2.2.2 Menu Page

Upon clicking 'Enter' on the front page a menu page, shown in the picture below, opens up. There are a series of buttons to click on depending on what type of data is required. Clicking on one of the buttons will open up another form, described later, but this menu page will remain open in the background so when the other forms are closed the user will be returned to this screen.



There are various forms to select from this page, but a lot are very similar, so there are descriptions below of each type of form, some of the other forms will follow the same pattern as the one described.



### 2.2.3 Site Map

Clicking on the 'Site Map' button will open up the form displayed below. This shows a map of the UK on the right hand side with the locations of all the sites, showing the site number. On the left hand side is a table giving more details of each site, such as: Site Number, Plot Name, Grid Reference, Altitude, Aspect and Slope.

It is possible to scroll through the sites numerically by using the mouse wheel or clicking on the right and left arrows on the record selectors found at the bottom left hand side.

Clicking the 'Close' button will close the map data and return the user to the menu screen.

**Site Map**

Please scroll through the sites below for more details:

Site Nbr	Plot Name	Grid Reference	Altitude	Aspect	Slope
110	Balbinie	NO268064	110	45	4

Close

Record: 1 of 53



## 2.2.4 Other Search Forms

The other search forms follow much the same pattern. The only exception is when clicking on 'Soil Search' another screen appears first, offering a choice of either searching by location or soil type, after selecting one of the options a screen similar to the one below will appear.

The image below shows the D100 search form, most of the other forms will follow the same pattern. At the top there are a selection of drop-down lists, by clicking on one of the drop-down arrows a list of search options will appear, once an item is selected from the list, this will narrow the search. Only one item can be selected from each drop-down list, but a selection can be made from each drop-down list, narrowing the search further, once the selections are made, the next step is to click the 'Get Data' button.

The data will be returned in the box at the bottom of the page and this can be scrolled through to find the information needed. There is also the option to then save the data to an Excel file or a text file, by clicking on the relevant button.

The example below shows a search for D100 data from the site Balbirnie, for the clone Beaupre in the year 2001.

**D100 Search : Form**

Please search from the following categories:

Site: Balbirnie  
 Clone: Beaupre  
 Species: <All>  
 Year: 2001

**Get Data**

**D100 Data**

PLOT_NAME	CLONE	MMONTH	MYEAR	STOOLNO
Balbirnie	Beaupre	1	2001	1
Balbirnie	Beaupre	1	2001	2
Balbirnie	Beaupre	1	2001	3
Balbirnie	Beaupre	1	2001	4
Balbirnie	Beaupre	1	2001	5
Balbirnie	Beaupre	1	2001	6
Balbirnie	Beaupre	1	2001	7
Balbirnie	Beaupre	1	2001	8
Balbirnie	Beaupre	1	2001	9
Balbirnie	Beaupre	1	2001	10
Balbirnie	Beaupre	1	2001	11
Balbirnie	Beaupre	1	2001	12
Balbirnie	Beaupre	1	2001	13
Balbirnie	Beaupre	1	2001	14

Save Data as Excel File    Save Data as Text File    Close



### 2.2.5 Other Data

The last button on the Menu Page is 'Other Data', this opens up a screen, shown below, which has information on all the other types of data that is available but that is not included in this database. For more information please contact the Data Centre on the number shown.

