

## **PLSC 731 –Plant Molecular Genetics**

### **MAPMAKER download and installation instructions for a computer using a Windows operating system**

1. Download MAPMAKER from the following WWW site:

<http://www.softpedia.com/get/Science-CAD/MapMaker.shtml>

2. Create a directory called “mapmaker” (without the italics) under your root directory. NOTE: you can use any directory name you wish; these instructions will assume you use “mapmaker” as your directory name.

3. Move your downloaded MAPMAKER zip file (MMintelINT.zip) to your “mapmaker” directory. Unzip the MMintelINT.zip file.

### **Completing the MAPMAKER tutorial and assignment.**

1. Go to the following class WWW site:

<https://www.ndsu.edu/pubweb/~mcclean/plsc731/homework/index.htm>

Download the following files from the “Group Assignment 1 (Linkage Analysis)” section into the “mapmaker” directory your created.

Original Mapmaker Manuscript  
MAPMAKER Instructions  
araba.out

2. Go to the MAPMAKER assignment at the following URL:

<https://www.ndsu.edu/pubweb/~mcclean/plsc731/homework/mapmaker.htm>

Download the following files

araba.raw  
beanbc.raw  
abab1.raw  
arab2.raw

into your “mapmaker” directory.

3. Work through the "MAPMAKER Instructions" by working with the araba.raw file. To complete the "MAPMAKER Instructions", you need to launch a "DOS prompt" window by clicking on the "Start" button and typing "cmd" into the box that says "Search programs and windows". To move to the "mapmaker" directory you must move to the root directory by typing

```
cd \
```

then type

```
cd \mapmaker
```

4. Complete the MAPMAKER assignment.