



Australian Government

**Department of Health and Ageing
Office of the Gene Technology Regulator**

MAPPING PRACTICE NOTE

July 2007

Monitoring and compliance activities are under continual improvement and will evolve as systems are assessed and validated. This working document is intended as a guide only. Readers of this document should also familiarise themselves with the gene technology legislation.

MAPPING PRACTICE NOTE

This practice note takes the form of a Site location questionnaire for each GMO field trial.

Note: the Mapping Protocol may be of assistance in completing this questionnaire, which is available on the OGTR internet site (<http://www.ogtr.gov.au>).

PART A - PHYSICAL LOCATION

Provide the following physical location details:

1. Trial site property name

--

2. OGTR licence number and the site number. (This need not be completed if you are providing this information at time of application for a licence.)

--

3. Organisation accreditation number: _____

4. Species under trial: _____

5. Trial site physical address (i.e. street address etc, and/or roadside drop box number)

6. Description of vehicle access route to the trial site from the nearest main road (this may be provided in the form of an attached sketch with features named).

7. Please advise the Local Government Area that the site is located in.

--

--

8. Block and Section Number of the local cadastral map and/or the grid reference for the Local Fire maps (with attached copy).

9. Trail Site Coordinator's Name and Contact Details (ie address, phone and email).

Name:	
Address:	
Phone	Email

10. Trial site grower's name and contact details.

Name:	
Address:	
Phone	Email

11. Trial site owner's name and contact details.

Name:	
Address:	
Phone	Email

12. Attach a sketch of the site showing the position of the trial, any burial sites, and identifying at least one GPS or geographic points for a feature on the diagram.

13. Size of the site in hectares.

--

PART B - GEOGRAPHIC COORDINATES FOR SITE

The OGTR preference is for the geographic coordinate information provided by the licensee is:

- Datum GDA 94;
- Latitude/longitude information in decimal degrees; and
- Coordinates obtained on a GPS with better than 20 meters accuracy.

Datums and Projections

14. The following datums and projections are the basis for Australian maps and GPS coordinates. Select one of the following:

- ☐ Datum AGD 66;
- ☐ Datum AGD 84;
- ☐ Datum GDA 94;
- ☐ Datum WGS 84;
- ☐ Projection AMG 49, AGD 66;
- ☐ Projection AMG 50, AGD 66;
- ☐ Projection AMG 51, AGD 66;
- ☐ Projection AMG 52, AGD 66;
- ☐ Projection AMG 53, AGD 66;
- ☐ Projection AMG 54, AGD 66;
- ☐ Projection AMG 55, AGD 66;
- ☐ Projection AMG 56, AGD 66;
- ☐ Projection AMG 49, AGD 84;
- ☐ Projection AMG 50, AGD 84;
- ☐ Projection AMG 51, AGD 84;
- ☐ Projection AMG 52, AGD 84;
- ☐ Projection AMG 53, AGD 84;
- ☐ Projection AMG 54, AGD 84;

-
- ☐ Projection AMG 55, AGD 84;
 - ☐ Projection AMG 56, AGD 84;
 - ☐ Projection MGA 49, GDA 94;
 - ☐ Projection MGA 50, GDA 94;
 - ☐ Projection MGA 51, GDA 94;
 - ☐ Projection MGA 52, GDA 94;
 - ☐ Projection MGA 53, GDA 94;
 - ☐ Projection MGA 54, GDA 94;
 - ☐ Projection MGA 55, GDA 94;
 - ☐ Projection MGA 56, GDA 94;
 - ☐ Other (Please specify official Datum and/or Projection):

Format of the location coordinates

15. The information you provide should be in one of the following geographic formats. Please select one of the following:

- ☐ Latitude/longitude information in Standard Degrees, Minutes and seconds; or
- ☐ Latitude/longitude information in Decimal Degrees; or
- ☐ Eastings and Northings in decimal metres.

Enter the location coordinates

16. Please enter the site location coordinates into one of the following formats:

- Four (X,Y) coordinates (in either Longitude/Latitude **or** Easting/Northing), as discussed above.

Limits (Listed in clockwise order)	X	Y
Northern Coordinate		
Southern Coordinate		
Eastern Coordinate		
Western Coordinate		

Or

- One (X,Y) coordinate (in either Longitude/Latitude **or** Easting/Northing), as discussed above for the centre of the plot for the site.

Limits	X	Y
Centre of Plot Coordinate		

PLEASE ATTACH A SKETCH OF THE SITE AND SHOW THE POSITION OF THE TRIAL AND BUFFER IDENTIFYING A POINT FOR AT LEAST ONE FEATURE-POINT ON THE SKETCH.

Source of Location Information

17. Please indicate the method used to obtain the location coordinates:

☐ Map used

☐ GPS Used

18. Please provide the following map details:

Map Name

Date of Publication

Day _____	Month _____	Year _____
-----------	-------------	------------

Map Datum (if latitudes and longitudes are quoted)

Map UTM zone (If eastings and northings are quoted)

Map Scale

Please select one of the following.

☐ Scale = 1:25,000

☐ Scale = 1:20,000

☐ Scale = 1:15,000

☐ Scale = 1:12,500

☐ Scale is less than 1:12,500, namely:

- ☐ Other scale being better than 1:25,000, namely:

As every error of 1 millimetre in deriving a coordinate on a map of 1:25,000 equals 25 metres error in the real world location of the site, coordinates derived from maps with scales of greater than 1:25,000 are likely to be invalid.

Publisher

19. Please indicate below the level of accuracy indicated on the GPS unit used to obtain the site coordinates:

- ☐ Better than 5 meters accuracy; or
- ☐ Better than 10 meters accuracy; or
- ☐ Better than 20 meters accuracy; or
- ☐ Not better than 20 meters accuracy, and being an accuracy of how many meters?

We require accuracy levels of at least 20 meters accuracy and readings to be taken with at least 4 satellites. See Recommended Reading in the Mapping Protocol on the OGTR internet site (<http://www.ogtr.gov.au>).