

# On-Farm Mapping Program

The Provincial On-Farm Mapping Program is a service offered to farmers to assist them in farm management and planning. This program is delivered through the Soil and Land Management Division by Land Management Specialists and Soil Surveyors in association with Geographic Information System (GIS) staff.

## Program products

### The service provides farm maps showing:

- Farm property boundaries
- Field sizes and locations
- Land Use
- Soil distribution and characteristics
- Soil suitability
- Location of farm and buildings.

This information is used to assist in the monitoring of fertilizer applications, soil pH levels, crop yields and planning farm development.

## Goals and Objectives

The objective of the Program is to improve farm management and planning on farms throughout the province by providing farmers with detailed farm land use and soil suitability maps. The service provides a set of farm maps which show farm property boundaries, size and location of fields, farm access roads and buildings. Soil surveys are undertaken on selected farms and a set of soil suitability maps prepared, tailored to the needs of each farm. The farm maps may be used by the farmer in consultation with agricultural specialists to develop farm development plans.

The program is providing an excellent database on agricultural land use in the province. Farm maps produced through this program are used by farmers when applying for assistance under several programs which require farm land information. Information collected through this program is also used to update the Provincial Agricultural Atlas and farmland statistics.

## FAQ's

### 1. What is the On-Farm Mapping Program?

The Provincial On-Farm Mapping Program is a service offered to farmers to assist them in farm management and planning. The service provides farm maps showing property boundaries, the size and location of fields, land use, farm access roads and the location of farm buildings. Soil survey maps show soil characteristics and the suitability of soils for crops grown on each farm.

### 2. What are the goals of the On-Farm Mapping Program?

The goal of the On-Farm Mapping Program is to improve farm management and planning on farms throughout the province by providing detailed farm land use and soil suitability maps.

### 3. What will I receive from the Program?

A set of maps (normally at scales between 1:2500 scale ie. 1"=208' and 1:5000 scale ie. 1"=416') of your farm including:

- One transparent working copy,
- Several paper copies, one set of soil suitability maps (on request only).

Mapped information will include the following:

- Property boundaries
- Buildings

- Physical features of the land
- Field numbers and sizes
- Land lease or grant numbers farm name, location roads, fences, trails

**4. How will On-Farm Mapping benefit me?**

Numbering each of your fields for yearly soil testing lets you match and monitor fertilizer, limestone and organic matter applications with crop yields.

Accurate field measurements mean more efficient use of fertilizer and limestone on your farm. Soil survey information shows you where the most suitable soils are for growing your crops and where it is best to develop new land or improve existing, fields. The set of maps you receive allows you to quickly and easily plan and update changes you have made on your farm, such as the location of new buildings, newly cleared land, drainage ditches and access roads.

**5. How much does it cost?**

To participate in this program costs you nothing. Our staff will visit your farm and measure fields, check soils and other physical features of the land and prepare maps of your farm.

**6. Do I qualify?**

You qualify if you are a commercial farmer in Newfoundland and Labrador and are using or plan to use your land base for pasture, forage, fruit or vegetable production. A selected number of farms will be mapped each year.

**7. How can I participate in the On-Farm Mapping Program?**

If you would like to apply for this program, send this information to the address listed below:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE NO. \_\_\_\_\_

TYPE OF FARM \_\_\_\_\_

DATE \_\_\_\_\_

For further information contact the Agricultural Technician II or Agricultural Representative in your area.