

Farm Data Checklist for Nutrient Management Plans

Updated July 2020

This checklist summarizes the information needed to develop a typical nutrient management plan. For more information on the specific information required for each item, see Module 3 of the Nutrient Management Plan training course offered through Open School B.C. and the B.C. Ministry of Agriculture.

Pre-Visit

Farm

X	Information to collect
	Location of the farm relative to high risk areas noted in regulation
	Number of fields
	Approximate acreage of each field
	Presence of watercourses
	Soil types present (texture and drainage)

Animals and Manure

	Number of animals (specific to age groups or classes)
	General collection/handling practices for solid manure
	General collection/handling practices for liquid manure

Current Management Practices

	Current manure application rates
	Manure application methods
	Typical manure application timing
	Analysis of fertilizers currently used and application rates
	Fertilizer application methods
	Fertilizer application timing
	Typical planting dates
	Typical harvest dates
	Current application setback practices

Laboratory analyses

	Recent soil test results
	Manure analysis results
	Crop/feed analysis if available

Farm Visit

Animals

	Location of animal housing
	Location of milking parlours, feeding areas, holding areas, etc.
	Approximate volume of other liquid wastes added to manure (ex. milking parlour wash water)

Manure

	Manure handling/collection methods
	Presence of solid/liquid separation
	Approximate % of liquid manure separated into solids
	Other manure treatments
	Locations of liquid manure storages
	Shape & dimensions of liquid manure storages
	Area of surfaces which drain into liquid manure storages
	Heights of liquid manure in the structures
	Locations of solid manure storages
	General locations of temporary field storage of manure

Landscape

	Watercourse locations including drainage ditches if connected with surface water (streams, rivers, dry ditches, etc.)
	Well locations

For each field

	Name/identifier and field boundary
	Main crop for planned season
	Planned winter crop/cover crop
	Previous crop
	Manure history
	Yield records
	Irrigation equipment used
	Irrigation timing/frequency
	Irrigation head locations
	Presence of drainage tiles
	Slope 150 m (500 ft) from watercourses
	Soil texture and drainage

Samples for Analysis

	soil samples from any fields or production areas missing recent results
	manure sample for each storage system or material as applied