UPPER THAMES RIVER
CONSERVATION AUTHORITY

Upper Thames River Phosphorus Reduction Program

Supporting Documentation Checklist and Examples

Subsurface Phosphorus Placement in No-Till and Strip Till Systems

Once available, please submit the following for **each field**:

- ☐ Soil sample results and crop fertility plans
- ☐ Georeferenced photos of:
  - Fertilizer being loaded
  - Applicator unit **in each field** on the day of application
  - Fertilizer placement equipment (openers, coulters, etc.)
- ☐ Invoicing which shows proof of fertilizer purchased/applied (date/field ID on invoice)

Variable Rate Phosphorus Application in Fields with High P

Once available, please submit the following for **each field:**

- ☐ Variable Rate Prescription maps accompanied by a full soil test report no older than 3 years with at least 1 sample per 5 acres using site specific grid, smart zone approach or sensor based sampling
- ☐ Georeferenced photos of:
  - Applicator unit in each field on the day of application
  - Crop/cover crop established
  - Fertilizer being incorporated
- ☐ Invoicing which shows proof of fertilizer purchased/applied (date/field ID on invoice)

Manure Management

Once available, please submit the following for **each field**:

- ☐ Soil sample results and crop fertility plans
- ☐ Invoices for manure and custom application if applicable
- ☐ Georeferenced photos of:
  - Manure being loaded that includes the manure storage or barn area
  - Applicator unit **in each field** on the day of application
  - Manure being incorporated and/or cover crop being planted

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Crop Fertility Planning and Soil Testing

Once available, please submit the following for **each field:**

- ☐ Updated soil test results from soil samples collected after March, 2026
  - Basic Sampling: minimum 1 composite sample per 25 acres, or
  - Precision Sampling: using a 6-acre grid or finer, or 12 acre zone or finer, or sensor-based sampling (e.g. SWAT Maps, SoilOptix)
- ☐ Crop Fertility Plan completed between April 1, 2026, and March 31st, 2027

Minimum Crop Fertility Plan Requirements

A Crop Fertility Plan is required for any field enrolled in a 4R Phosphorus Management category. Existing plans can also be used if they meet the minimum criteria for a plan. Crop Fertility Plans must be prepared by a CCA or agronomist, or the applicant using AgriSuite Field Management tool.

If you plan to develop your own Crop Fertility Plan, please visit AgriSuite (agrisuite.omafra.gov.on.ca) and use the Field Management tool. Watch our helpful webinar video on our Youtube channel to learn more about this tool.

Plans must contain:

- Georeferenced field boundary and sample locations
- Results from the new soil tests
- Maps showing results (for precision sampling only)
- Crop and yield goals
- Nutrient application recommendatoins consistent with OMAFA publications
- Timing (approximate), and rate of all fertilizer applications for the intended crop
- Timing (approximate), and rate of all manure applications for the intended crop
- Must be either:
  - 3 year plan, or
  - 1 year plan, plus commitment from service provider for an additional 2 years of advice

Georeferenced Photo Examples

Photos must be submitted of the equipment in **each field,** on the day of application.

Equipment in the field

Close-up of components

Manure pumped or loaded

Manure Applied

Incorporated