

Appendix F:

BMP Category 5: Integrated Pest Management (IPM)

1.2 AGRICULTURE STEWARDSHIP PROGRAM

| BMP Category | |
|---|--|
| <input type="checkbox"/> 5.1 Pest Monitoring for Data-Based Decisions | <input type="checkbox"/> 5.3 Invertebrate Biological Control |
| <input type="checkbox"/> 5.2 Pest Suppressant Crop at the time of Commercial Crop | <input type="checkbox"/> 5.4 Anti-insect Barriers |

| Project Details required for: <ul style="list-style-type: none">5.1 Pest Monitoring for Data-Based Decisions;5.3 Invertebrate Biological Control; and5.4 Anti-insect Barriers Please complete the table below. | | |
|---|----------|---------------------------|
| Project Expenses (i.e., materials, services) | Supplier | Estimated Cost (less HST) |
| | | \$ |
| | | \$ |
| | | \$ |
| | | \$ |
| | | \$ |
| Total | | \$ |

| Project Details for all IPM BMP types Please complete the table below. | | |
|--|-------------------------|---------|
| Type of BMP | Property Numbers (PIDs) | Acreage |
| | | |
| | | |
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5.1 Pest Monitoring for Data-Based Decisions

Please submit an IPM plan, demonstrating data collection and how it is used to make pest monitoring decisions. Include a monitoring plan provided by the contracted service provider or provide the following information:

- List the pests that are monitored;
- Outline the number and frequency of samples, traps, or data collection events per acre or area (i.e. number of visits per week with number of weeks or number of traps per acre with monitoring frequency);
- Briefly explain procedures for monitoring each pest (i.e. Indicate use of sweeping nets, sticky traps, or physical monitoring for presence/absence);
- List the treatment thresholds in which action is taken to control the pest for each pest that is monitored (i.e. indicate # insects/plant, % infestation/plant, weed pressure/area, number of insects per sweeping net or sticky trap, or zero tolerance).

☐ IPM plan attached

5.2 Pest Suppressant Crop at the time of Commercial Crop

Please submit an IPM plan, demonstrating why the pest suppressant crop was chosen. Provide the following information:

- List names of the pest suppressant species used and the crop species in which they will be used;
- Briefly describe how the suppressant crop is used alongside the cash crop to trap pests;
- Provide references showing evidence of the effectiveness of the strategies (i.e. articles, research papers, or other data).

☐ IPM plan attached

5.3 Invertebrate Biological Control

Please submit an IPM plan, demonstrating data collection and how it is used to make decisions on release of invertebrate biological controls. Include a monitoring plan provided by a contracted service provider or provide the following information:

- List the pests monitored and which biological control is used for each pest;
- Outline the number and frequency of samples, traps, or data collection events per acre or area (i.e. number of visits per week with the number of weeks or number of traps per acre with monitoring frequency);
- Briefly explain procedures for monitoring each pest (i.e. use of sweep nets, sticky traps, or physical monitoring for presence/absence); if the pest is not monitored, explain why;
- List the treatment thresholds in which action is taken to control each pest monitored (i.e. # insects/plant, % infestation/plant, weed pressure/area, number of insects per sweep net or sticky trap, or if zero tolerance is used).

☐ Monitoring protocol attached

5.4 Anti-insect Barriers

Please list the acreage, type of crop species to be covered, and the type of pests to be managed.