

# AgFocus Quick Reference Guide

## TO CONDUCTING A LAND USE INVENTORY

**June 2023 Edition**

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### References:

Land Use Decision Support Unit, 2007  
Ag Capture: An Agricultural Land Use Inventory Tool Field Guide, Canadian  
Prairies Edition  
Agriculture and Agri-Food Canada  
Prairie Farm Rehabilitation Administration



Ministry of  
Agriculture  
and Food



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## Introduction

AgFocus is an Agricultural Land Use Inventory (ALUI) system developed by BC Ministry of Agriculture (AGRI), Strengthening Farming Program. AgFocus provides the tools to efficiently capture detailed information about land cover and land use on agricultural lands. This Quick Reference Guide is a companion document to AgFocus – A Surveyor’s Guide to Orthophoto Interpretation. The Quick Reference Guide outlines the Land Cover and Land Use classifications used to describe the surveyed lands. It includes classification flowcharts, definitions, and pictures to aid the classification process.

## Conducting an AgFocus Survey

### Survey Method

AgFocus employs a “windshield” survey method designed to capture a snapshot in time of land cover and land use on legal parcels.

Maps are used to identify properties and features, and include:

- The legal parcel boundaries
- Unique identifier created for each legal parcel (LOTLNK)
- The preliminary land cover polygon boundaries (digitized prior to field survey using aerial photography)
- Unique identifier for each preliminary land cover polygon (Cover ID or COVLNK)
- The boundary of the Agricultural Land Reserve (ALR)
- Base features such as streets, street names, watercourses, and contours
- Aerial photography or satellite imagery
- Where visibility is limited, data may be interpreted from the aerial photography or satellite imagery in combination with local knowledge

### Land Cover

Land cover is surveyed by separating the parcel into homogenous components and assigning each a description. Prior to the field survey, land cover polygons are delineated in the office using ortho photography or satellite imagery. Further delineation may occur during the field survey until one of the following is achieved:

- Minimum polygon size (50 sq m for all covers, except where specified in the Guide) is reached.
- Maximum level of detail required is reached and polygon is homogeneous in:
  1. (bio) physical land cover, irrigation, site limit and cover practice
  - OR
  2. main built objects and their associated features (yard, parking)

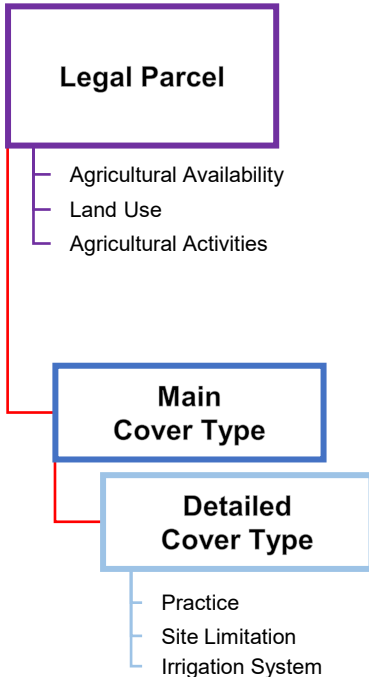
### Land Use

Land use is surveyed by noting the human enterprises on each parcel. The Use survey focuses solely on human use and considers:

- The actual human use of land and related structures and modifications to the landscape
- Use-related land cover (where land cover implies a use or is important to interpreting patterns of use)
- Declared interests in the land (which may limit use), such as Residential or Mineral Extraction

# Overview of the AgFocus Classification System

A broad overview of how the AgFocus Classification System works.



- 1) Using orthoimagery, a legal parcel is broken down into Main and/or Detailed Cover Types. Other temporary or non-spatial attributes, such as declared human Land Use and Agricultural Activities are also applied to the parcel. "Windshield" surveys are conducted during the growing season to verify uncertain covers and determine agricultural activities that cannot be seen through orthoimages, ex., livestock.
  - 1a) **Agricultural Availability and Land Use**  
Describes the availability for agricultural use, as well as any other human use(s) on the parcel (pages 9-10). Up to 2 other uses may be chosen for each parcel.
  - 1b) **Agricultural Activities**  
Describe agricultural activities occurring on the parcel (pages 11-15). There is no limit to the number of agricultural activities occurring on a parcel. Some activities have a specified scale that is defined on the corresponding activities page.  
These activities may include livestock, apiculture, aquaculture, value added activities (e.g., crop processing, farm gate sales), supporting activities (e.g., compost facilities, feed storage), specific crop production methods, and micro-agriculture.
- 2) The Main Cover Type flowchart begins by choosing whether the area is Anthropogenic or Natural & Semi-Natural (page 1). These areas are broken down further until, if necessary, a Detailed Land Cover Type is reached (pages 2-8).
- 3) Detailed Cover Types (pages 2-8) broadly include anthropogenic (A) made and maintained covers and natural & semi-natural (N) areas that may have some to no human influence. Detailed Cover Types may have associated optional or mandatory attributes, such as Practices, Site Limitations or Irrigation Systems. These can be found in corresponding coloured text boxes on the page of the described Detailed Cover Type. If the Practice or Site Limitation corresponds to more than one classification, the text box will be dark grey.
  - 3a) **Practice**  
Modifies or adds detail to a cover type
  - 3b) **Site Limitation**  
Explain why development of agriculture is limited on a cover type
  - 3c) **Irrigation System**  
Irrigation system (page 5) associated with crop type (pages 3-4) and some ATVM codes (2).

Solid boxes indicate attributes, such as practices, crop age, livestock confinement structures, scale, etc., that can be applied to cover classifications, land uses, and agricultural activities.

Boxes are colour coordinated to the classification they apply to. Grey boxes apply to more than one classification.

Look for helpful notes and survey tips in dashed boxes.

Boxes are colour coordinated to the classification they apply to. Grey boxes apply to more than one classification.



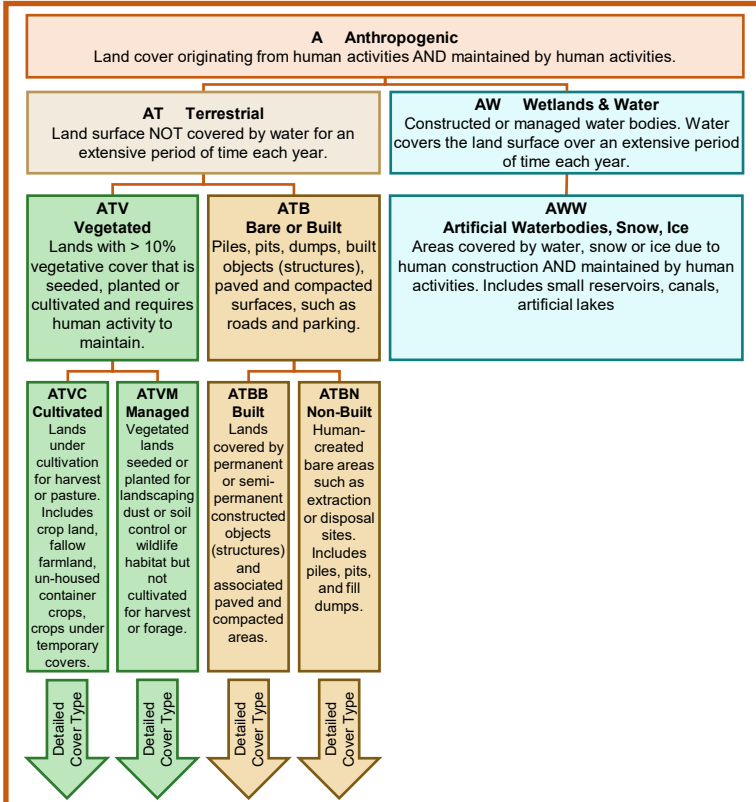
# **LAND COVER CLASSIFICATIONS**





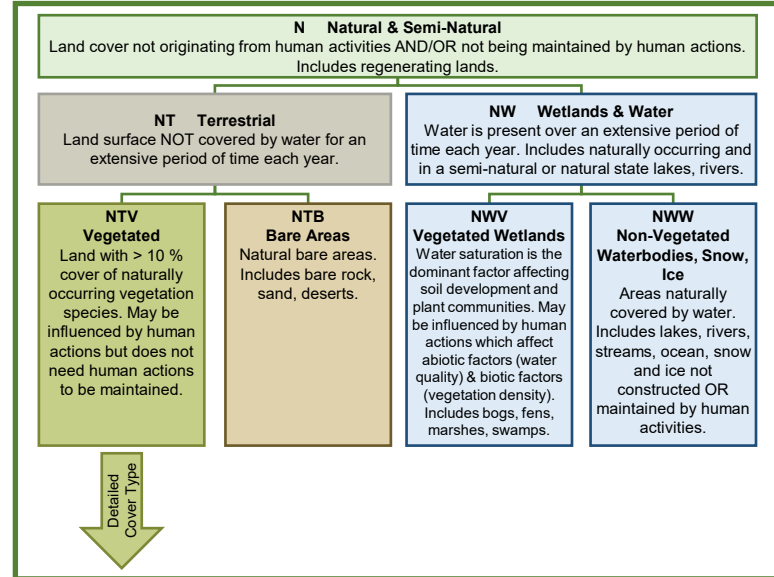
# Land Cover Classification

- A. Separate the parcel into homogeneous components called Land Cover Polygons.
- B. Describe the land cover type for each polygon.



# MAIN COVER TYPE

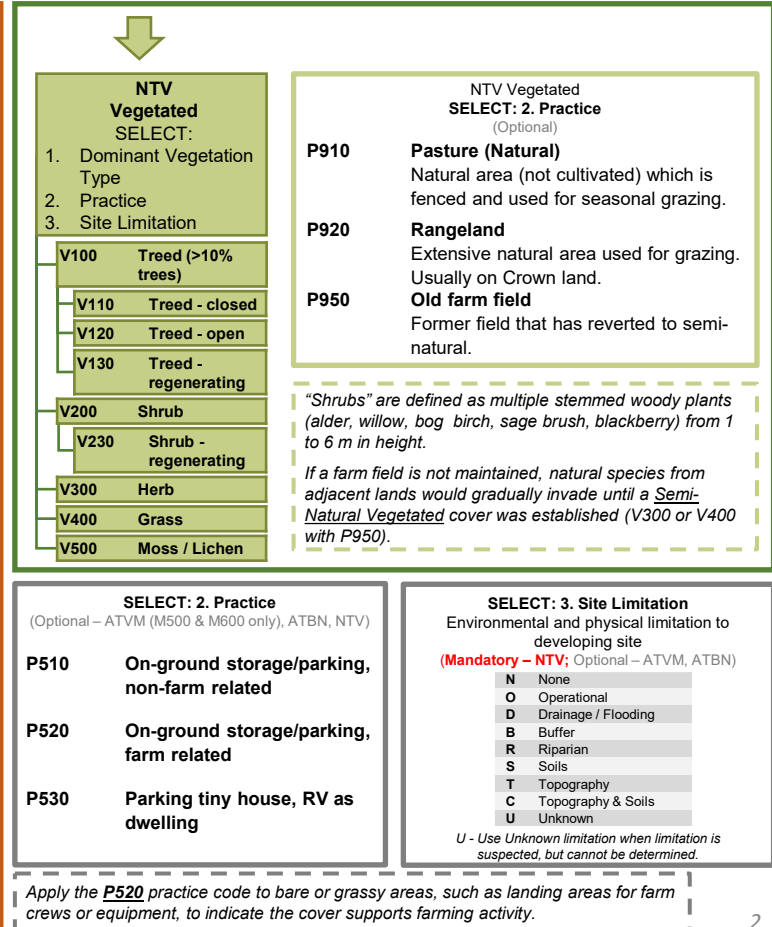
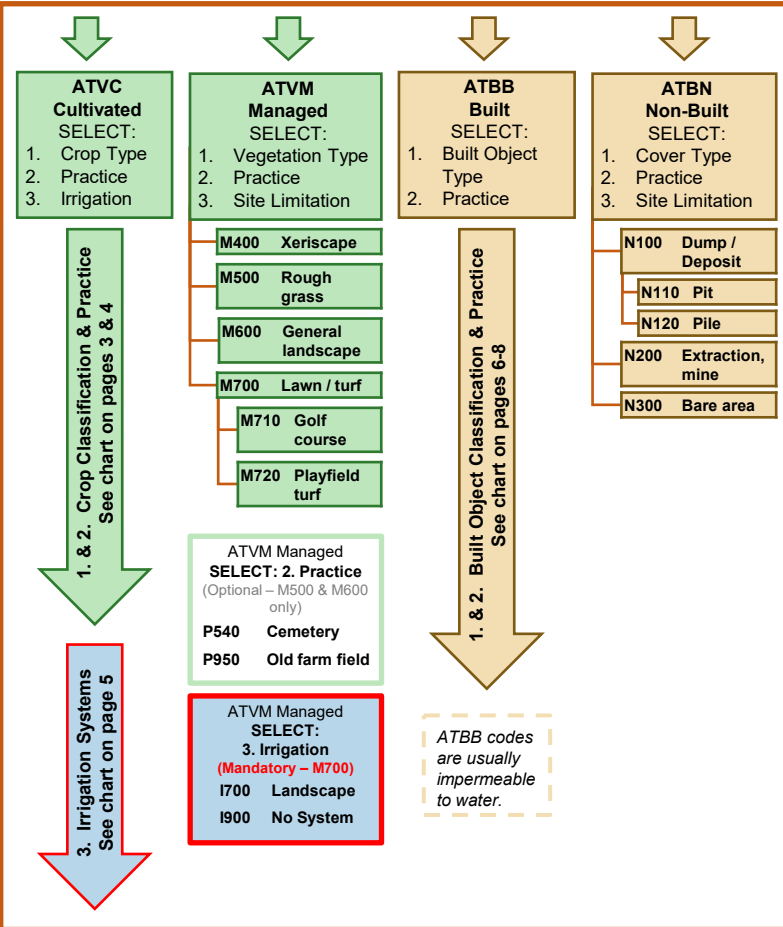
1. At every level of the flowchart, select the code that best describes the polygon until you have reached the lowest level possible.
2. For the main cover types (ATVC, ATVM, ATBB, ATBN, NTV), follow the unique instructions presented on the following pages.



*SEMI-NATURAL VEGETATION may be influenced by human actions. Human action is NOT required to maintain the cover. Includes old farm fields (NTV with P950), logged areas, invasive species, etc.*

# Land Cover Classification

# DETAILED COVER TYPE



# Land Cover Classification: Detailed Cover Type

ATVC

Describe the cultivated unhusked crops on land cover polygons classified as:

- ATVC (Anthropogenic Terrestrial Vegetated Cultivated)

Select:

1. Dominant crop type (highest canopy)
2. Agricultural practice, crop age, or crop condition (for dominant crop)
3. Secondary crop type (if intercropping present)

| C100 | Cereals & Oilseeds |
|------|--------------------|
| C110 | Barley             |
| C120 | Canola             |
| C130 | Oats               |
| C140 | Rye                |
| C150 | Wheat              |
| C160 | Buckwheat          |
| C170 | Triticale          |
| C180 | Field peas         |

|                   |  |
|-------------------|--|
| C100 Cereals      | <b>SELECT: 2. Practice</b><br>(Optional) |
| P451 Forage Grain | Grain and stalk cut for forage           |
| P452 Grain        | (not forage)                             |
| P490 Unused       |  |

| C200 | Tree Fruits         |
|------|---------------------|
| C210 | Apples              |
| C220 | Apricots            |
| C230 | Cherries            |
| C231 | Sour Cherries       |
| C240 | Crabapples          |
| C250 | Peaches/ Nectarines |
| C260 | Pear                |
| C261 | Quince              |
| C270 | Plums/ Prune Plums  |
| C290 | Mixed Fruits        |

Where applicable, indicate plant form of tree fruits instead of density.

| C200 Tree Fruits                       | (Mandatory)   |
|--|---|
| <b>SELECT: 2. Practice</b>             |   |
| <b>P210 Plant form</b>                 |   |
| P211 Espalier                          |   |
| P212 Fruiting Wall 2D                  | Two dimensional (vertically trained) narrow hedge   |
| P213 Thick Fruiting Wall Hedge         | Very high-density contiguous canopy   |
| <b>P220 Densities (area per plant)</b> |   |
| P221 High Density                      | Each plant occupies less than 100 sq feet (example < 10 ft between plants and < 10 ft rows) |
| P222 Medium Density                    | Each plant occupies between 100-200 sq feet (example 12 ft between plants and 12 ft rows)   |
| P223 Low Density                       | Each plant occupies greater than 200 sq feet.   |

| C300   | Vines & Berries   |
|--------|-------------------|
| C311   | Grapes            |
| C311.1 | Table Grapes      |
| C312   | Kiwis             |
| C320   | Berries           |
| C321   | Blueberries       |
| C322   | Cranberries       |
| C323   | Raspberries       |
| C324   | Strawberries      |
| C325   | Blackberries      |
| C326   | Currants          |
| C327   | Saskatoon Berries |
| C328   | Mixed Berries     |
| C329   | Misc. Berries     |

|              |   |
|--------------|---|
| C320 Berries | <b>SELECT: 2. Practice</b><br>(Mandatory) |
| P321 Young   |   |
| P323 Mature  |   |

|                             |   |
|-----------------------------|---|
| All ATVC                    | <b>SELECT: 2. Practice</b><br>(Optional)            |
| P770 Unmaintained/Abandoned | Unmaintained and probably would not warrant harvest |

| C400 | Forage, Pasture    |
|------|--------------------|
| C410 | Grass              |
| C411 | Grass/Open Treed   |
| C412 | Grass Hydrophytic  |
| C420 | Legumes            |
| C421 | Alfalfa            |
| C422 | Clover             |
| C430 | Mixed Grass/Legume |
| C440 | Forage Cereal/Peas |
| C450 | Forage corn        |

|                            |   |
|----------------------------|---|
| C400 Forage, Pasture       | <b>(Mandatory – C410, C420, C430)</b><br>(Optional – C440, C450)  |
| <b>SELECT: 2. Practice</b> |   |
| P410 Pasture               | Used for grazing only (not cut)   |
| P420 Forage                | Forage corn or other crop cut for silage or hay.  |
| P421 Intensively Managed   | Often there is no fencing. Crop growth is vigorous, even, and thick. Fields are large to accommodate equipment. Usually associated with dairy operations. |
| P422 Managed               | Often there is no fencing & crop growth is healthy and even. Fields are large to accommodate equipment.   |
| P423 Poorly Managed        | Crop growth is uneven with weeds.   |
| P430 Forage & Pasture      | Cut at least once per year and used for grazing for 1-3 months. Fencing is in good condition. Crop growth is even with few weeds.                         |
| P440 Seed Crop             |   |
| P490 Unused                | Cultivated but not cut or grazed this year. Must have realistic probability of being used as pasture/forage in the foreseeable future.                    |

|          |   |
|----------|---|
| All ATVC | <b>SELECT: 3. Irrigation</b><br>(Mandatory for all ATVC codes, even if no system) |
|          | See chart on page 5 for irrigation systems.                                       |

# Land Cover Classification: Detailed Cover Type

ATVC

Describe the cultivated unhoused crops on land cover polygons classified as:

- ATVC (Anthropogenic Terrestrial Vegetated Cultivated)

Select:

1. Dominant crop type (highest canopy)
2. Agricultural practice, crop age, or crop condition (for dominant crop)
3. Secondary crop type (if intercropping present)

| C500 | Vegetables       |
|------|------------------|
| C510 | Cole crops       |
| C520 | Cucurbits        |
| C521 | Pumpkins         |
| C530 | Leafy vegetables |
| C540 | Legumes          |
| C541 | Beans            |
| C542 | Peas             |
| C550 | Root vegetables  |
| C551 | Potatoes         |
| C552 | Carrots          |
| C560 | Misc. vegetables |
| C561 | Peppers          |
| C562 | Sweet corn       |
| C564 | Tomatoes         |
| C580 | Mixed vegetables |

| C600 | Floriculture       |
|------|--------------------|
| C610 | Bulbs              |
| C620 | Cut Flowers        |
| C640 | Lavender           |
| C680 | Mixed Floriculture |

*REGULATED CANNABIS*  
will be produced under high security conditions.

*HEMP FIBRE*  
will be produced in open fields with low security.

| C700   | Specialty, Turf, Nut Trees |
|--------|----------------------------|
| C710   | Specialty                  |
| C711   | Medicinal                  |
| C711.1 | Ginseng                    |
| C711.2 | Echinacea                  |
| C712   | Misc. Specialty            |
| C712.1 | Herbs                      |
| C712.2 | Hops                       |
| C712.3 | Field Mushrooms            |
| C712.4 | Rhubarb                    |
| C713   | Cannabis                   |
| C713.1 | Cannabis, Regulated        |
| C713.2 | Hemp Fibre                 |
| C718   | Mixed Specialty            |
| C720   | Turf                       |
| C730   | Nut Trees                  |
| C731   | Hazelnut (Filbert)         |
| C732   | Walnut                     |
| C738   | Mixed Nuts                 |
| C739   | Misc. Nuts                 |

| C800   | Nursery and Tree Plantations |
|--------|------------------------------|
| C810   | Nursery                      |
| C811   | Forestry Stock               |
| C812   | Shrubs/Ornamentals           |
| C812.1 | Cedar Hedging                |
| C813   | Fruit/Berry Stock            |
| C814   | Bedding Plants               |
| C818   | Mixed Nursery                |
| C820   | Tree Plantations             |
| C821   | Christmas Trees              |
| C822   | Fibre/Pulp/Veneer Trees      |
| C823   | Maple                        |
| C824   | Woody Cuts                   |
| C824.1 | Holly                        |
| C828   | Mixed Tree Plantation        |

C810 Nursery  
**SELECT: 2. Practice**  
(Optional)

P813 Container  
P817 In Ground  
P819 Mixed

*Nursery crops are cultivated for transplant, while tree plantations are rarely cultivated for transplant.*

| C900 | Other           |
|------|-----------------|
| C910 | Cultivated Land |
| C920 | Fallow Land     |
| C930 | Crop Transition |
| C940 | Cover Grass     |
| C950 | Mulch           |

*FALLOW LAND*  
is cultivated land that has not been seeded or planted for one or more growing seasons.

*COVER GRASS*  
is not harvested or used for forage. It is usually cultivated in combination or rotation with another cultivated crop to manage soil moisture or protect soil from wind movement.

All ATVC  
**SELECT: 2. Practice**  
(Optional)

P770 **Unmaintained/Abandoned**  
Unmaintained and probably would not warrant harvest

All ATVC  
**SELECT: 3. Irrigation**  
(Mandatory for all ATVC codes, even if no system)

See chart on page 5 for irrigation systems.

# Detailed Cover Type: ATVC - CROP TYPE

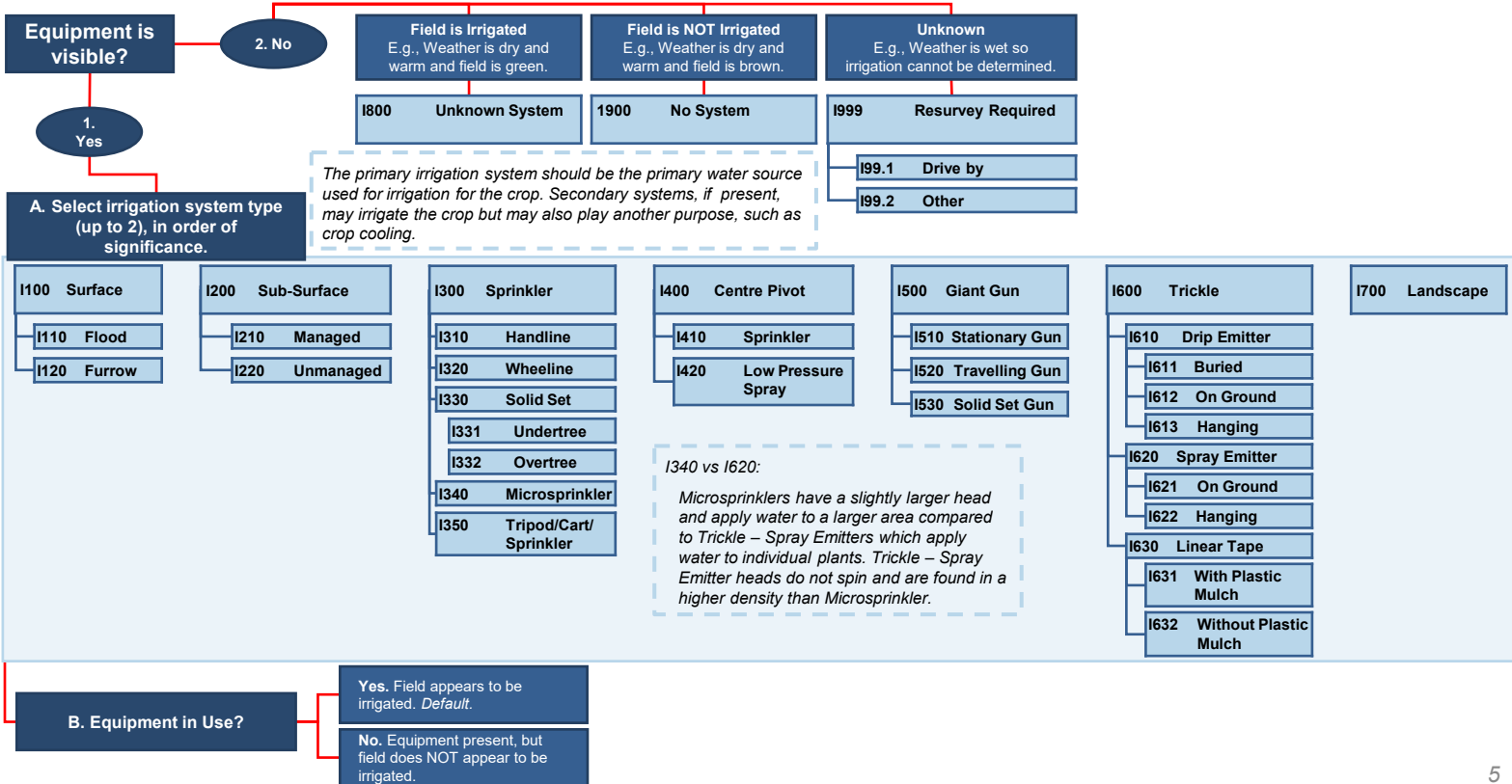
# IRRIGATION SYSTEM

Describe irrigation on land cover polygons classified as:

- ATVC (Anthropogenic Terrestrial Vegetated Cultivated)
- M700 (Lawn / Turf) Anthropogenic Terrestrial Vegetated Managed)

Determine presence of irrigation equipment:

- If seen:
  - Select irrigation system type (up to 2)
  - Indicate if system is NOT in use this year
- If not seen: Determine if field is being irrigated



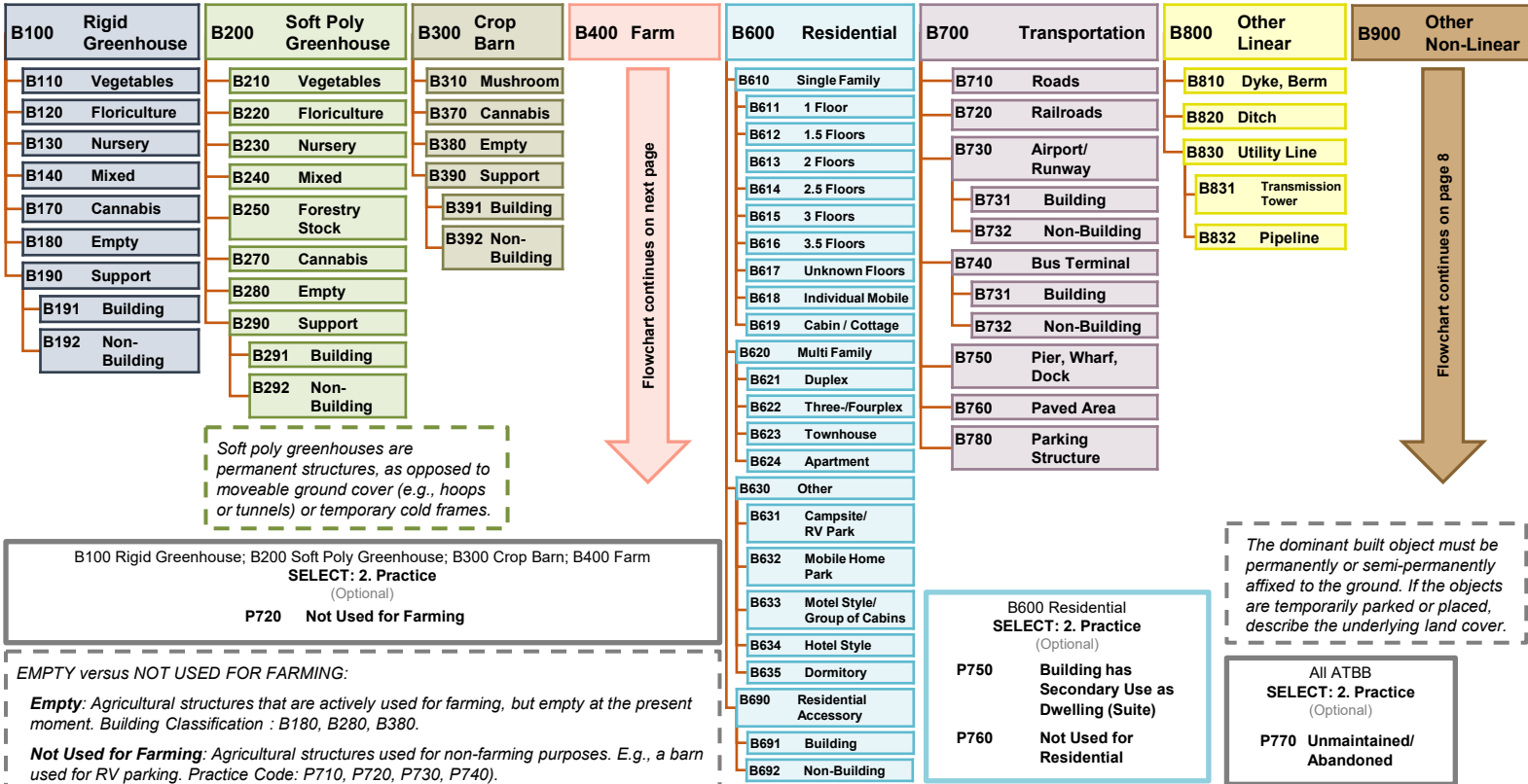
# Land Cover Classification: Detailed Cover Type

Describe the cultivated unhouseed crops on land cover polygons classified as:

- ATBB (Anthropogenic Terrestrial Built)

Select:

1. Dominant structure type (highest profile) and directly associated features
2. Structure condition if unmaintained (for dominant structure)



# Land Cover Classification: Detailed Cover Type

# ATBB - FARM

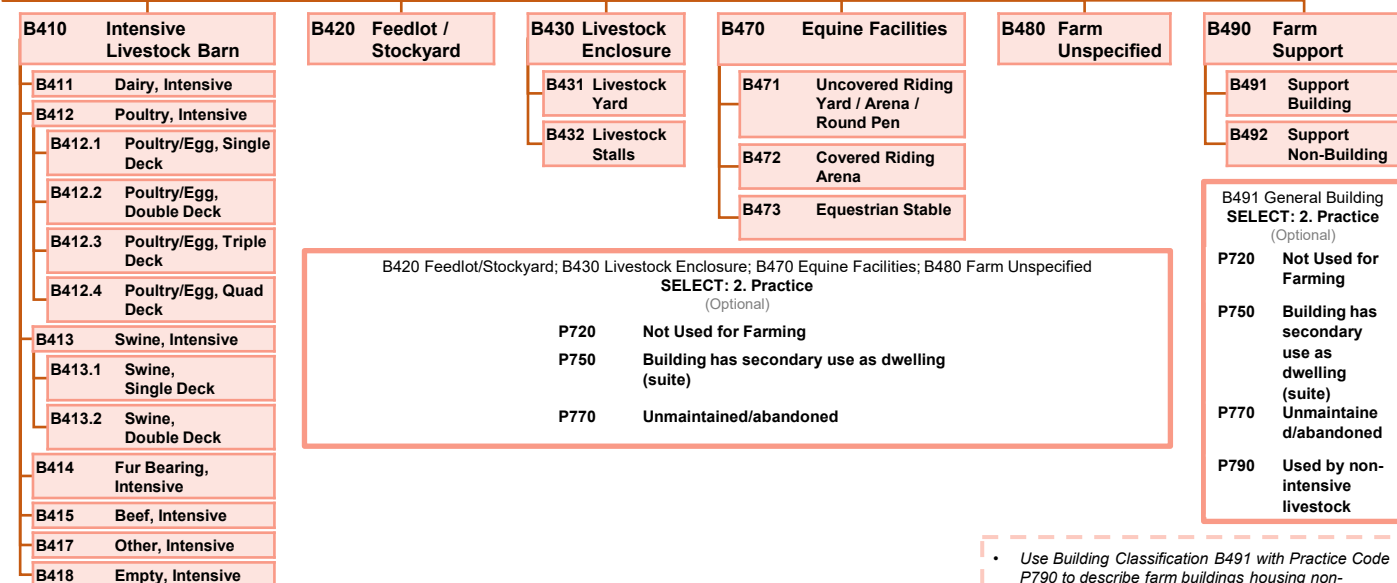
Describe the cultivated unhouses crops on land cover polygons classified as:

- ATBB (Anthropogenic Terrestrial Built)

Select:

1. Dominant structure type (highest profile) and directly associated features
2. Structure condition if unmaintained (for dominant structure)

## B400 Farm



B420 Feedlot/Stockyard; B430 Livestock Enclosure; B470 Equine Facilities; B480 Farm Unspecified  
**SELECT: 2. Practice**  
 (Optional)

|  |
|--|
| <b>P720 Not Used for Farming</b>                           |
| <b>P750 Building has secondary use as dwelling (suite)</b> |
| <b>P770 Unmaintained/abandoned</b>                         |

B491 General Building  
**SELECT: 2. Practice**  
 (Optional)

|  |
|--|
| <b>P720 Not Used for Farming</b>                           |
| <b>P750 Building has secondary use as dwelling (suite)</b> |
| <b>P770 Unmaintained/abandoned</b>                         |
| <b>P790 Used by non-intensive livestock</b>                |

B410 Intensive Livestock Barn; B420 Feedlot/Stockyard; B430 Livestock Enclosure; B470 Equine Facilities  
**SELECT: 2. Practice**  
 (Optional)

|  |  |
|--|--|
| <b>P720 Not Used for Farming</b>                           | <b>P780 Used for farming but NOT for livestock</b> |
| <b>P750 Building has secondary use as dwelling (suite)</b> | <b>P790 Used by non-intensive livestock</b>        |
| <b>P770 Unmaintained/abandoned</b>                         |  |

- Use Building Classification B491 with Practice Code P790 to describe farm buildings housing non-intensive livestock
- Use Practice Code P790 to describe livestock facilities that are not being used for livestock, but still maintain a farm use (e.g., an intensive dairy barn (B411) being used for farm storage/parking).
- For agricultural storage select B491, for residential storage select B681

B900 Other Non-Linear  
Flowchart continues on next page

# Land Cover Classification: Detailed Cover Type

# ATBB - OTHER NON-LINEAR

Describe the cultivated unhouseed crops on land cover polygons classified as:

- ATBB (Anthropogenic Terrestrial Built)

Select:

1. Dominant structure type (highest profile) and directly associated features
2. Structure condition if unmaintained (for dominant structure)

## B900 Other Non-Linear

| B910 Institutional, Community   | B920 Commercial Buildings  | B930 Industrial                   | B940 Sports & Recreation    | B950 Military | B960 Utility & Energy                | B970 Storage             | B980 General Purpose   | B990 Other Non-Building           |
|---|----------------------------|-----------------------------------|-----------------------------|---------------|--------------------------------------|--------------------------|--|-----------------------------------|
| B911 School Building  | B921 Office, Bank Building | B931 Mill-type Factory            | B941 Indoor Games Facility  |               | B961 Pump Station                    | B971 Warehouse Structure |  | B990.1 Institutional/Community    |
| B912 Medical Building   | B922 Market Shops          | B932 Manufacturing Plant          | B942 Sports Stadium/Arena   |               | B962 Dam                             | B972 Produce Warehouse   |  | B990.2 Commercial                 |
| B913 Community Hall   | B923 Stores or Shops       | B933 Industrial Park              | B943 Playground Equipment   |               | B963 Reservoir/Water Tank            | B973 Tank Farm           |  | B990.3 Industrial / Manufacturing |
| B914 Exhibition Hall  | B924 Restaurant            | B934 Assembly, Construction Plant | B944 Club house             |               | B964 Water / Sewage Treatment        | B974 Junk Yard           |  | B990.4 Sports / Recreation        |
| B915 Museum / Library   | B925 Service Station       | B935 Process Plant                | B945 Outdoor Games Facility |               | B966 Incinerator Composting Facility | B976 Lumber/Log Yard     |  | B990.5 Military                   |
| B916 Emergency Services Station   | B926 Vehicle Care Garage   | B936 Refinery                     |                             |               | B967 Power Generation Facility       | B977 Industrial Storage  |  | B990.6 Utility / Energy           |
| B917 Jail / Detention Centre  | B927 Theatre               | B937 Research Lab Facility        |                             |               | B968 Substation                      | B978 Grain Elevator      | Use B990 codes to describe built but non-building area which supports any B900 building. | B990.7 Storage                    |
| B918 Temple   | B928 Kennels               | B938 Equipment Service Shop       |                             |               | B969 Communication Structure         |                          |  | B990.8 General Purpose            |
| B919 Other Institutional, Community   | B929 Racetrack             | B939 Sawmill - Small              |                             |               |                                      |                          |  |                                   |
| <p>All B900 except B990<br/> <b>SELECT: 2. Practice</b><br/>                     (Optional)</p> <p>P750 Building has secondary use as dwelling (suite)<br/>                     P770 Unmaintained/abandoned</p> |                            |                                   |                             |               |                                      |                          |  |                                   |



# **AGRICULTURAL AVAILABILITY & LAND USE CLASSIFICATIONS**



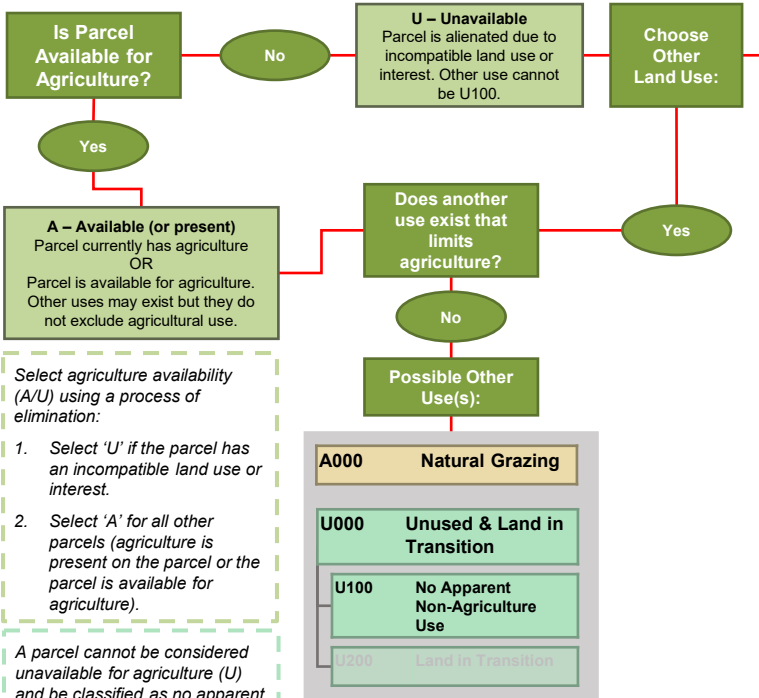
# Agricultural Availability and Land Use Classifications

Describe the availability for agricultural, as well as any other human use on the parcel (if applicable).

Select one category under Agriculture Availability: Available or Unavailable.

IF Other Human Use present, select up to TWO in no order of dominance. Consider:

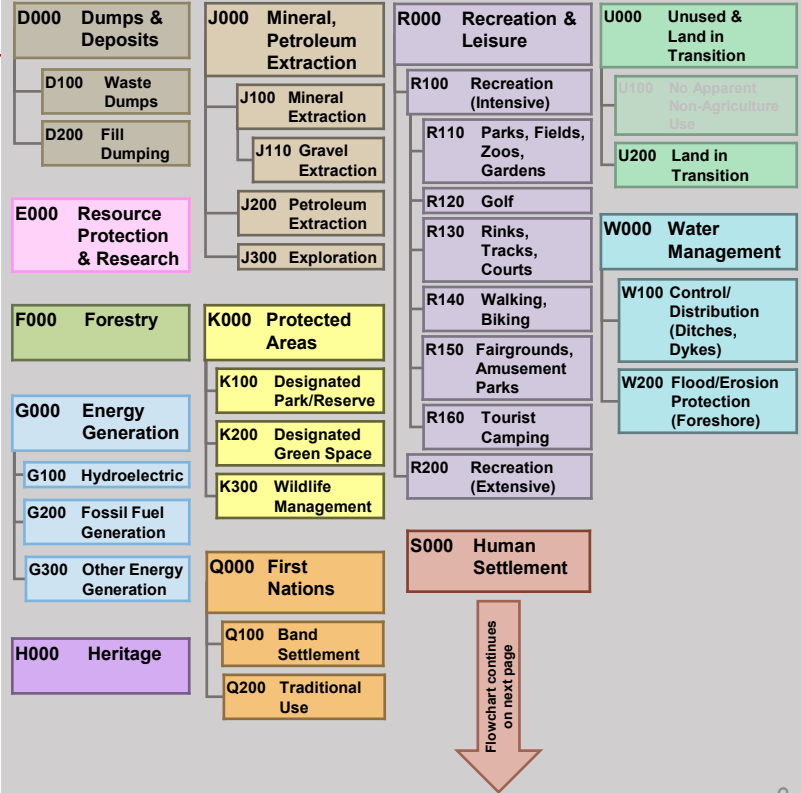
- Observed human use, structures, and modification to the land;
- Declared interests in the land, which may limit use—such as parks.



Select agriculture availability (A/U) using a process of elimination:

1. Select 'U' if the parcel has an incompatible land use or interest.
2. Select 'A' for all other parcels (agriculture is present on the parcel or the parcel is available for agriculture).

A parcel cannot be considered unavailable for agriculture (U) and be classified as no apparent non-agricultural use (U100). U100 includes parcels ONLY used for agriculture.



# Land Use Classification

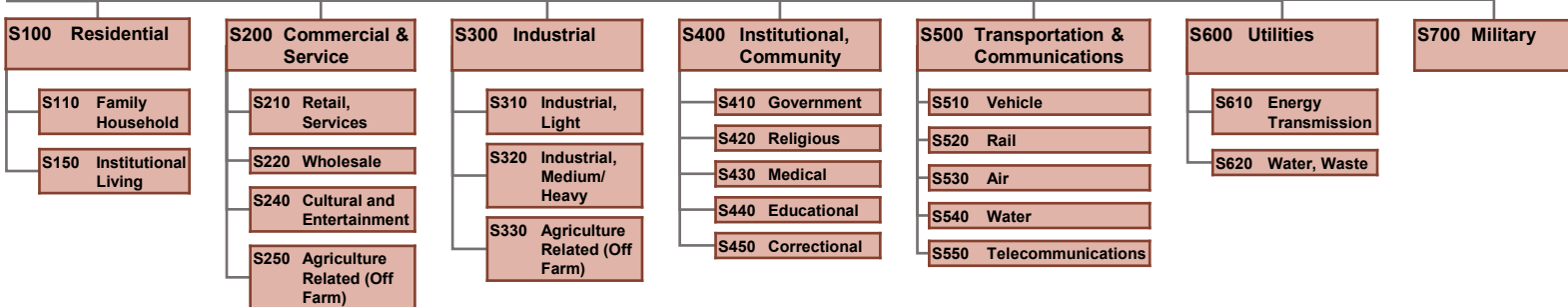
# HUMAN SETTLEMENT

Describe the availability for agricultural, as well as any other human use on the parcel (if applicable).

IF Other Human Use present, select up to TWO in no order of dominance. Consider:

- Observed human use, structures, and modification to the land;
- Declared interests in the land, which may limit use—such as parks.

## S000 Human Settlement



AGRICULTURE-RELATED (OFF FARM) are activities that are related to agriculture but are not significantly utilizing a primary agricultural product grown, produced, or raised on the same farm unit.

Includes auction services, implement dealer, veterinary services, fertilizer sales, food processing, slaughterhouse, feed mill.

# **AGRICULTURAL ACTIVITIES**



# Agricultural Activities

# LIVESTOCK

Describe each livestock activity on the parcel or related to the parcel (in the case of ranging cattle). Each activity must have a unique combination of livestock type, confinement method, and scale.

- For each livestock activity, select:
1. Livestock Type
  2. Dominant Type of Confinement
  3. Scale

Optional attributes: (Default in **bold**)

- o Animal Count
- o Active? (Y/N)
- o Homesite? (Y/N)
- o Organic? (Y/N)

## L100 Unidentified

## L200 Conventional Livestock

### L210 Dairy

L211 Milking

L212 Dry Cow

L219 Other (Specify)

### L220 Beef

L221 Cow/Calf

L222 Back Grounding

L223 Finishing

L229 Other (Specify)

L230 Horse (meat)

L240 Swine

L250 Sheep/Lamb

L260 Goat

L270 Llama

L280 Alpaca

L290 Mixed Conventional (Hobby)

## L300 Specialty Livestock

L310 Muskox

L320 Deer, Fallow

L330 Reindeer

L340 Bison

L350 Elk

L360 Game Bird

L370 Ratite

L380 Fur Bearing

L390 Mixed Speciality (Hobby)

L360 Game Birds includes: Partridge, Pheasant, Pigeon, and Quail.

L370 Ratite includes: Emu, Ostrich, Rhea, and Peacock.

L380 Fur Bearing includes: Rabbit and Mink.

## L400 Poultry

L410 Chicken

L411 Broiler

L412 Layer

L413 Breeder (Broiler/ Layer)

L414 Pullet (Broiler/ Layer)

L415 Hatchery

L419 Other (Specify)

L420 Turkey

L421 Meat

L422 Breeder

L424 Hatchery

L429 Other (Specify)

L430 Duck

L440 Goose

L450 Mixed Poultry (Hobby)

## L700 Equine

L710 Horse

L720 Pony

L730 Miniature Horse

L740 Donkey

L750 Mule

L760 Draft Horse

L770 Mixed Equine

L790 Mixed Equine (Hobby)

## L900 Other Livestock

L909 Specify

L990 Mixed Other (Hobby)

**SELECT: 2. Confinement/Structure**

|      |                          |
|------|--------------------------|
| A210 | Intensive facilities     |
| A220 | Feedlot / Stockyard      |
| A230 | Non-intensive facilities |
| A250 | Field/Pasture fencing    |
| A280 | Equestrian facilities    |
| A290 | Other (specify)          |

**SELECT: 3. Scale**  
Estimated using animal counts and/or livestock related infrastructure.

|    |                        |  |
|----|------------------------|--|
| B  | <b>Very Small</b>      | Probably would NOT qualify for farm class. Approximately 1 cow, horse or bison; 3 hogs; 5 goats, deer or sheep; 50 turkeys; 100 chickens (1 animal unit equivalent). |
| S  | <b>Small</b>           | May qualify for farm class. LESS THAN 25 cows, horses or bison; 75 hogs; 125 goats, deer or sheep; 1250 turkeys; 2500 chickens (2-25 animal unit equivalents).       |
| M  | <b>Medium</b>          | LESS THAN 100 cows, horses or bison; 300 hogs; 500 goats, deer or sheep; 5,000 turkeys; 10,000 chickens (25-100 animal unit equivalents).                            |
| L  | <b>Large</b>           | LESS THAN 400 cows, horses or bison; 1,200 hogs; 2,000 goats, deer or sheep; 20,000 turkeys; 40,000 chickens (100-400 animal unit equivalents).                      |
| L1 | <b>Very Large</b>      | LESS THAN 1,000 cows, horses or bison; 3,000 hogs; 5,000 goats, deer or sheep; 50,000 turkeys; 100,000 chickens (400-1,000 animal unit equivalents).                 |
| L2 | <b>Very Very Large</b> | MORE THAN 1,000 cows, horses or bison; 3,000 hogs; 5,000 goats, deer or sheep; 50,000 turkeys; 100,000 chickens (over 1,000 animal unit equivalents).                |

## Agricultural Activities

## LIVESTOCK - APICULTURE

Describe any apiculture or bee keeping on the parcel.

Select:

1. Type
2. Scale

### L500 Apiculture

#### L510 Bees

#### L511 Other (Specify)

**SELECT: 2. Scale**

- |                 |   |
|-----------------|---|
| <b>S Small</b>  | A small colony placed for seasonal pollination or a small permanent bee yard usually associated with organic farms. Hives usually present at this site during growing season.                 |
| <b>M Medium</b> | Usually a permanent bee yard intended to generate honey or beeswax for sale to small local markets and provide seasonal contract pollination. Hives may not be present during growing season. |
| <b>L Large</b>  | Permanent bee yard intended to generate bulk amounts of honey or beeswax for off-farm sale and provide extensive contract pollination. Hives may not be present during growing season.        |

## Agricultural Activities

## LIVESTOCK - AQUACULTURE

Describe any aquaculture on the parcel.

Select:

1. Aquaculture type
2. Scale

### L600 Aquaculture

#### L610 Finfish

##### L611 Growout

##### L612 Hatchery

##### L613 Hatchery/ Growout

##### L619 Other (Specify)

#### L620 Shellfish

##### L621 Growout

##### L622 Hatchery

##### L623 Hatchery/ Growout

##### L629 Other (Specify)

#### L630 Marine Plants

##### L639 Specify

#### L640 Mixed Marine

##### L649 Specify

#### L690 Other

##### L699 Specify

**SELECT: 2. Scale**

- |                 |   |
|-----------------|---|
| <b>S Small</b>  | Can generate a limited amount of product or services for sale. Management requires less than one full-time worker.                    |
| <b>M Medium</b> | Can generate product or services for sale to small local markets. Can distribute without utilizing commercial distribution network.   |
| <b>L Large</b>  | Can generate bulk amounts of product or services for off-farm sale. Usually requires utilization of commercial distribution networks. |



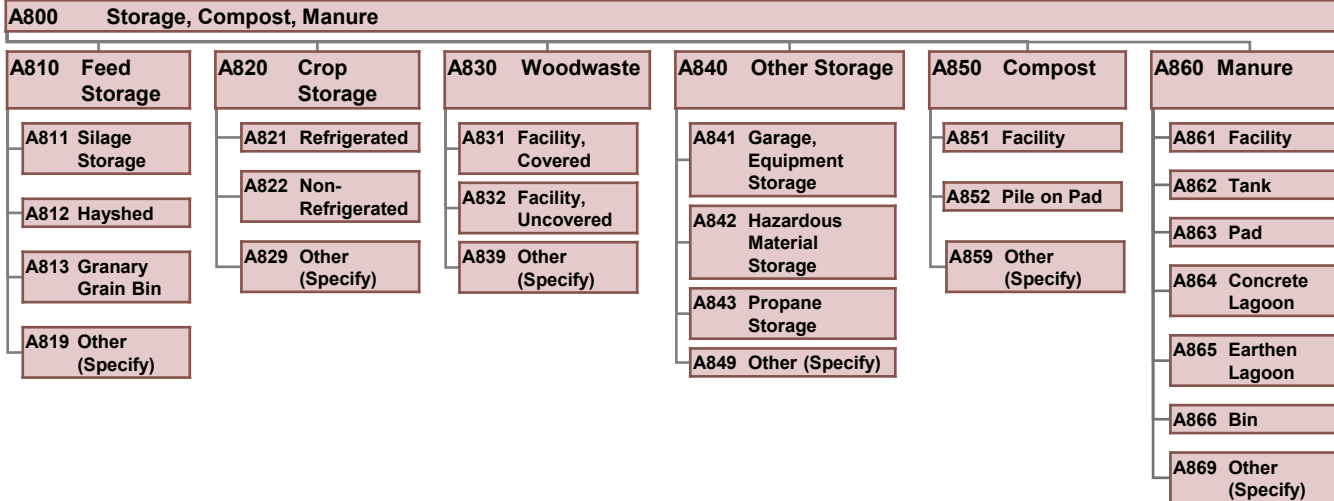
# Agricultural Activities

# SUPPORT STRUCTURES

Describe each ancillary activity (such as STORAGE, COMPOST, MANURE) that is supporting the production of a raw commodity on the farm unit.

For each support structure, select:

1. Type
2. Scale



FARM UNIT: The farm unit is all of the property belonging to the farm and may incorporate more than one parcel.

| SELECT: 2. Scale |               |  |
|------------------|---------------|--|
| <b>S</b>         | <b>Small</b>  | Will only support small scale agriculture production.    |
| <b>M</b>         | <b>Medium</b> | Intended to support medium-scale agriculture production. |
| <b>L</b>         | <b>Large</b>  | Intended to support large-scale agriculture production.  |

# Agricultural Activities

# VALUE ADDED

Describe each activity that adds value to a raw commodity where at least 50% of the raw commodity is produced on the farm unit. If not 50%, use 'A9X9 Other (Specify)'.

For each value added activity, select:

1. Type
2. Scale

## A900 Value Added

### A910 Processing

- A911 Crop processing
- A912 Meat processing
- A913 Dairy processing
- A914 Egg Sorting / Grading
- A915 Wine / Cider Processing
- A916 Kitchen / Bakery
- A917 Fish Processing / Cannery
- A918 Honey / Wax Processing
- A919 Other (Specify)

*PROCESSING maintains or raises the quality, or alters the physical or chemical characteristics, of a raw farm commodity, or adds value to it in any way.*

### A920 Direct Sales

- A921 Permanent, Retail Store
- A922 Seasonal Store (Stand)
- A923 U-Pick
- A924 Food / Beverage Service
- A925 Farm Gate Sales
- A929 Other (Specify)

*DIRECT SALES support direct sales to the public.*

### A930 Agri-tourism

- A931 Corn Maze
- A932 Petting Zoo
- A933 Seasonal Events
- A934 Guest House
- A935 Campsite
- A936 Tours
- A937 Guest Ranch
- A938 Equine Rental
- A939 Other (Specify)

*AGRI-TOURISM is travel that combines agricultural or rural settings, with products or agricultural operations—all within a tourism experience that is paid for by visitors. Accommodation for agri-tourism on a farm is included. Agri-tourism should:*

- Promote or market farm products grown, raised, or processed on the farm unit, and/or
- Provide public education about the farm's operation.

*FARM UNIT: The farm unit is all of the property belonging to the farm and may incorporate more than one parcel.*

#### SELECT: 2. Scale

- |          |               |  |
|----------|---------------|--|
| <b>S</b> | <b>Small</b>  | Temporary roadside fruit stand, small U-pick field, or egg sales from backyard flock, 2 or less tourist accommodation spots. Predominantly single household endeavor. Management requires less than one full-time worker.                      |
| <b>M</b> | <b>Medium</b> | Scale sufficient to add value to on-farm products for sale to small local markets or serve a moderate number of people. Designated parking for customers. 3-10 tourist accommodation spots. Management requires at least one full-time worker. |
| <b>L</b> | <b>Large</b>  | Scale intended to add value to large amounts of on-farm generated products or serve large numbers of people. Over 10 tourist accommodation spots. Requires multiple workers to operate value-added component of operation.                     |

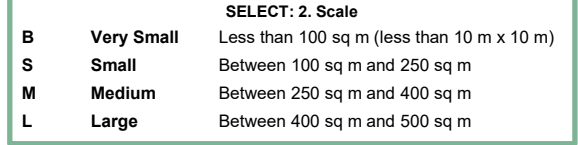
## Agricultural Activities

## SMALL AGRICULTURE

Describe each agricultural activity (crops or greenhouses) that is < 500 square metres.

For each small agricultural activity, select:

1. Type
2. Scale



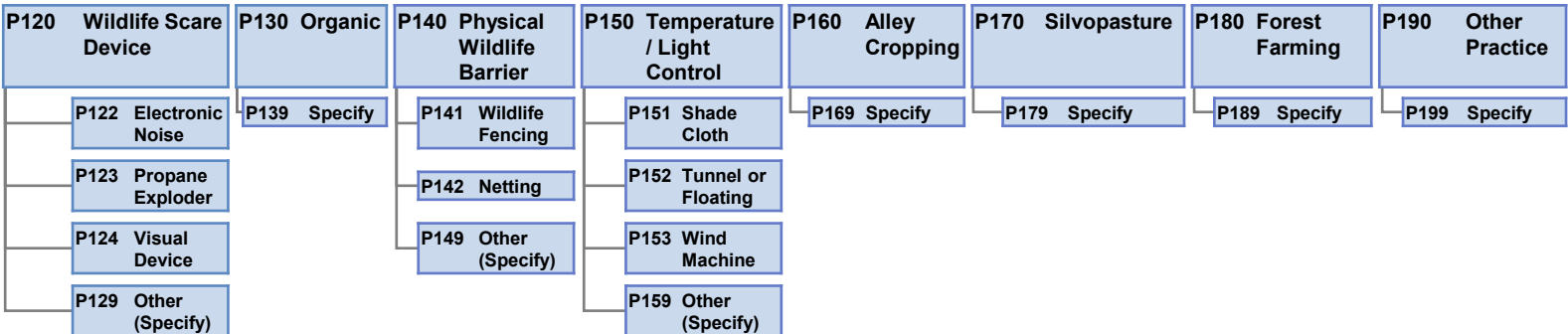
## Agricultural Activities

## CROP PRODUCTION

Describe each specific agricultural crop protection or crop production method observed on the parcel.

For each crop production or protection method observe, select:

1. Type





# **DEFINITIONS**



## Definitions: Main Cover Type

## ANTHROPOGENIC

Definitions of the Anthropogenic Main Cover Types.

Corresponds to flowchart on page 1.

Definitions in **BOLD** are selectable in the survey database.

|      |   |      |   |
|------|---|------|---|
| A    | <p>Anthropogenic<br/>Land cover originating from human activities AND maintained by human activities.</p>   | ATV  | <p><b>Anthropogenic - Terrestrial - Vegetated</b><br/>Lands with &gt; 10% vegetative cover that is seeded, planted or cultivated and requires human activity to maintain. Includes fallow farmland, land under cultivation (annual or perennial), landscaping. If in transition, the surface can be temporarily without vegetation.</p> |
| AT   | <p>Anthropogenic - Terrestrial<br/>Land surface NOT covered by water for an extensive period of time each year.</p>   | ATVC | <p><b>Anthropogenic - Vegetated - Cultivated</b><br/>Lands under cultivation for harvest or pasture. Includes crop land, fallow farmland, unhooused container crops, crops under temporary covers (temporary hoop houses, tunnel covered crops).</p>  |
| ATB  | <p>Anthropogenic - Terrestrial - Built or Bare<br/>Piles, pits, dumps, built objects (structures), paved and compacted surfaces, such as roads and parking. Includes artificial surfaces and bare areas resulting from human activities, such as construction, extraction (mines and quarries) and open pits.</p> | ATVM | <p><b>Anthropogenic - Vegetated - Managed</b><br/>Vegetated lands seeded or planted for landscaping, wildlife habitat, dust or soil control but not cultivated for harvest or forage. Includes parklands, golf courses, landscaping, lawns.</p>   |
| ATBB | <p><b>Anthropogenic - Built Objects</b><br/>Lands covered by permanent or semi-permanent constructed objects (structures) and associated paved and compacted areas. Includes farm buildings and associated areas and non-vegetated farmyards. Does not include temporarily placed or parked objects.</p>          | AW   | <p>Anthropogenic - Water<br/>Constructed or managed water bodies. Water covers the land surface over an extensive period of time each year.</p>   |
| ATBN | <p><b>Anthropogenic - Non-Built or Bare</b><br/>Human created bare areas such as extraction or disposal sites. Includes piles, pits, and fill dumps.</p>  | AWW  | <p><b>Anthropogenic - Artificial Waterbodies</b><br/>Areas covered by water, snow or ice due to human construction AND maintained by human activities. Includes small reservoirs, canals, artificial lakes</p>  |

*Definitions of the Natural & Semi-Natural Main Cover Types.*

*Corresponds to flowchart on page 1.*

*Definitions in **BOLD** are selectable in the survey database.*

|     |  |
|-----|--|
| N   | <b>Natural &amp; Semi-Natural</b><br>Land cover not originating from human activities OR not being maintained by human actions. Includes regenerating lands.   |
| NT  | Natural & Semi-Natural<br>Land surface NOT being maintained by human actions, includes regenerating lands.   |
| NTB | <b>Natural &amp; Semi-Natural - Bare Areas</b><br>Natural bare areas. Includes bare rock, sand, deserts.   |
| NTV | <b>Natural &amp; Semi-Natural - Vegetated</b><br>Land with > 10 % cover of naturally occurring vegetation species. May be influenced by human actions but does not need human actions to be maintained.  |
| NW  | Natural & Semi-Natural -Water<br>Water is present over an extensive period of time each year. Includes naturally occurring and in a semi-natural or natural state lakes, rivers.   |
| NWV | <b>Natural &amp; Semi-Natural – Vegetated Wetlands</b><br>Water saturation is the dominant factor affecting soil development and plant communities. May be influenced by human actions which affect abiotic factors (water quality) & biotic factors (vegetation density). Includes bogs, fens, marshes, swamps. |
| NWW | <b>Anthropogenic - Terrestrial - Vegetated</b><br>Areas naturally covered by water. Includes lakes, rivers, streams, ocean, snow and ice not constructed OR maintained by human activities.  |



## Definitions: Detailed Cover Type

## ATVM (VEGETATED - MANAGED)

Definitions of the Anthropogenic Detailed Cover Types - ATVM: Managed.

Corresponds to flowchart on page 2.

|        |   |
|--------|---|
| M000   | <b>VEGETATION - MANAGED</b><br>Vegetated lands seeded or planted for landscaping, wildlife habitat, dust or soil control but not cultivated for harvest or forage. Includes parklands, golf courses, landscaping, lawns.  |
| .M400  | <b>Xeriscape</b><br>Landscaping and gardening with drought resistant plants and extensive non-vegetated cover such as rocks or mulch that reduces or eliminates the need for irrigation.  |
| .M500  | <b>Rough Grass</b><br>Poorly maintained with minimal inputs. Includes unused pasture that has no realistic probability of being used as pasture in foreseeable future due to changes in use. Clues include large new house on property, fence in disrepair, no animal facilities.   |
| .M600  | <b>General Landscape</b><br>General use lawn and any combination of landscaping trees, shrubs, grass, garden.   |
| .M700  | <b>Lawn / Turf</b><br>Irrigated dense, healthy grass and sometimes clover or other plants, maintained at a low, even height. If irrigated, use I700. If unirrigated, use I900.  |
| ..M710 | <b>Golf Course</b><br>Golf fairway or greens. If irrigated, use I700. If unirrigated, use I900.   |
| ..M720 | <b>Playfield Turf</b><br>Maintained field of irrigated dense healthy grass with matted roots that accommodate team sports. Accessible to the public (ex. school, public parks) or for commercial purposes (ex. private sports club). Some weeds may be present. Associated with schools or sports facilities. If irrigated, use I700. If unirrigated, use I900. |

Definitions of the Anthropogenic Detailed Cover Types - ATBN: Non-Built or Bare.

Corresponds to flowchart on page 2.

|        |  |
|--------|--|
| N000   | <p><b>NON-BUILT OR BARE</b><br/>Human-created bare areas, such as extraction or disposal sites. Includes piles, pits, fill dumps, waste disposal areas, unconstructed dirt areas with incidental use (e.g., storage).</p>  |
| .N100  | <p><b>Dump Deposit</b><br/>Dumps and deposits made by anthropogenic activities. May or may not be related to farm activities.</p>  |
| ..N110 | <p><b>Pit</b><br/>Area fill and trench fill are two commonly known pit dumps. The area method is employed to fill a depleted quarry pit, a canyon, or a natural depression.</p>  |
| ..N120 | <p><b>Pile</b><br/>Includes fill dumping.</p>  |
| .N200  | <p><b>Extraction, Mine</b><br/>Extraction or excavation of mineral substances from the earth, requiring heavy-duty or specialized machinery.</p>   |
| .N300  | <p><b>Bare Area</b><br/>Unconstructed, predominantly bare areas (with minimal / fringe / patchy vegetation) due to repeated human disturbance (ex. parking, storage areas). If continuous use or disturbance has compacted soil and permanently impeded regrowth of original vegetation, use B[1-4]92, B692, B990.*.</p> |

## Definitions: Detailed Cover Type

## NTV (VEGETATED)

Definitions of the Natural Main Land Cover Types – NTV: Natural & Semi-Natural.

Corresponds to flowchart on page 2.

|        |  |
|--------|--|
| V000   | <b>VEGETATION – NATURAL &amp; SEMI-NATURAL</b><br>Land with cover of naturally occurring vegetation species. May be influenced by human actions but does not need human actions to be maintained.  |
| .V100  | <b>Treed (&gt;10% Trees)</b><br>At least 10% crown cover is naturally occurring or reforested trees.   |
| ..V110 | <b>Treed - Closed</b><br>Between 60% and 100% crown cover is naturally occurring or reforested trees. Crown cover is mostly continuous but may contain small patchy areas. Label patchy areas of as V120.  |
| ..V120 | <b>Treed - Open</b><br>Between 10% and 60% crown cover is naturally occurring or reforested trees. Crown is patchy but may contain some areas of continuous cover. Label areas of continuous canopy cover as V110.   |
| ..V130 | <b>Treed - Regenerating</b><br>At least 10% canopy cover is naturally occurring or reforested trees which are regenerating (young compared to adjacent stands - usually a result of tree harvesting or fire).  |
| .V200  | <b>Shrub</b><br>At least 20% crown cover is naturally occurring tall multi-stemmed woody plants. May include weedy shrub species on disturbed sites. If > 10% crown cover is trees use V110 or V120.   |
| ..V230 | <b>Shrub - Regenerating</b><br>At least 20% crown cover of naturally occurring weedy shrub species colonizing disturbed and unmaintained (derelict) sites. Colonization is often uneven and area may still include derelict bare areas, piles, and managed vegetation. |

|       |   |
|-------|---|
| .V300 | <b>Herb</b><br>The dominant vegetation is naturally occurring grasses, with some sedges or rushes. If > 10% crown cover is trees use V100. If > 20% crown cover is shrubs, use V200. If > 50% crown cover is grass use V400. If > 20% crown cover is shrubs use V200. If > 10% crown cover is trees use V100. |
| .V400 | <b>Grass</b><br>The dominant vegetation is naturally occurring grasses, with some sedges or rushes. If > 10% crown cover is trees use V100. If > 20% crown cover is shrubs, use V200.   |
| .V500 | <b>Moss / Lichen</b><br>The dominant vegetation is naturally occurring mosses or lichens. If > 10% crown cover is trees use V100. If > 20% crown cover is shrubs, use V200. If > 20% crown cover is herb or grass, use V300 or V400.  |

Definitions of the Anthropogenic Detailed Cover Types - ATVC: Crop Types.

Corresponds to flowchart on page 3.

|         |   |
|---------|---|
| .C100   | <b>Cereals &amp; oilseeds</b>   |
| ..C110  | <b>Barley</b>   |
| ..C120  | <b>Canola</b>   |
| ..C130  | <b>Oats</b>   |
| ..C140  | <b>Rye</b>  |
| ..C150  | <b>Wheat</b>  |
| ..C160  | <b>Buckwheat</b>  |
| ..C170  | <b>Triticale</b>  |
| ..C180  | <b>Field Peas</b>   |
| .C200   | <b>Tree Fruits</b><br>Use C200 if unable to tell tree fruit type. If grown for transplant where the entire plant is the commodity, use C813.                              |
| ..C210  | <b>Apples</b>   |
| ..C220  | <b>Apricots</b>   |
| ..C230  | <b>Cherries</b>   |
| ...C231 | <b>Sour cherries</b>  |
| ..C240  | <b>Crabapples</b>   |
| ..C250  | <b>Peaches / Nectarines</b>   |
| ..C260  | <b>Pears</b>  |
| ...C261 | <b>Quince</b>   |
| ..C270  | <b>Plums</b>  |
| ..C290  | <b>Mixed Fruits</b><br>Only use on fields with a variety of fruit types - each type < 500 sqm. Usually found on small fields. If unable to tell the fruit type, use C200. |

|            |   |
|------------|---|
| .C300      | <b>Vines &amp; Berries</b><br>Use C300 if unable to tell if vine or berry. If grown for transplant where the entire plant is the commodity, use C813.   |
| ..C310     | <b>Vines</b><br>Use C310 if unable to tell type of vine.  |
| ...C311    | <b>Grapes</b>   |
| ....C311.1 | <b>Table Grapes</b>   |
| ...C312    | <b>Kiwis</b>  |
| ..C320     | <b>Berries</b><br>Use C320 if unable to tell type of berry.   |
| ...C321    | <b>Blueberries</b>  |
| ...C322    | <b>Cranberries</b>  |
| ...C323    | <b>Raspberries</b>  |
| ...C324    | <b>Strawberries</b>   |
| ...C325    | <b>Blackberries</b>   |
| ...C326    | <b>Currents</b>   |
| ...C327    | <b>Saskatoon</b>  |
| ...C328    | <b>Mixed Berries</b><br>Only use on fields with a variety of berry types. Usually found on small fields. Use specific crop codes if > 500 sq m. Do not bother separating individual rows. If unable to tell the berry type, use C300. |
| ...C329    | <b>Misc. Berries</b><br>Includes goji berry, gooseberries, salmon berries, or any other berry not found explicitly in berry codes. Specify.   |

## Definitions: Detailed Cover Type

## ATVC (CROP TYPES)

Definitions of the Anthropogenic Detailed Cover Types - ATVC: Crop Types.

Corresponds to flowchart on page 3.

|                |  |                |  |
|----------------|--|----------------|--|
| <b>.C400</b>   | <b>Forage, Pasture</b><br>Seeded or cultivated and requiring human activity (irrigation, drainage, fertilizer, planned grazing) to maintain. Use NTV code with P910 for natural pasture that was never cultivated, P950 if unmanaged pasture has reverted to predominantly naturally occurring vegetation. | <b>.C500</b>   | <b>Vegetables</b>  |
| <b>..C410</b>  | <b>Grass</b><br>Grass cultivated for forage or pasture. Use NTV code for predominantly native or aggressive/persistent grasses, forbs, shrubs, that are not cultivated.  | <b>..C510</b>  | <b>Cole Crops</b><br>Includes broccoli, brussels sprouts, cabbage, cauliflower, kale, collards, and kohlrabi.  |
| <b>...C411</b> | <b>Grass / Open Treed</b><br>Grass cultivated for forage or pasture mixed with an open canopy of trees.  | <b>..C520</b>  | <b>Cucurbits</b><br>Includes squash, cucumber, zucchini, melons, watermelon. Include pumpkins if grown in mixture with other cucurbits.  |
| <b>...C412</b> | <b>Grass Hydrophytic</b><br>Hydrophytic grass such as Reed Canary or Meadow Foxtail, occurring on organic soils with a high water table. Invasive perennials that self maintain. Cultivated by maintaining a high water table, then draining & cutting. Mainly in the Cariboo region.                      | <b>...C521</b> | <b>Pumpkins</b>  |
| <b>..C130</b>  | <b>Legume</b>  | <b>..C530</b>  | <b>Leafy Vegetables</b><br>Includes lettuces, spinach, Swiss chard, celery.  |
| <b>...C421</b> | <b>Alfalfa</b>   | <b>..C540</b>  | <b>Legumes (Vegetable)</b><br>Green or wax beans, green peas.  |
| <b>...C422</b> | <b>Clover</b>  | <b>...C541</b> | <b>Beans</b>   |
| <b>..C430</b>  | <b>Mixed grass / legume</b><br>Field planted with a mixture of grass and legume species. If > 70% legume with incidental/weedy grass, use C420. If > 70% grass with incidental/weedy legume, use C410.   | <b>...C542</b> | <b>Peas</b>  |
| <b>..C440</b>  | <b>Forage cereal / peas</b><br>Field peas grown in mixture with cereal forage. If only cereal, use cereal code (C1*) with forage practice (P451).  | <b>..C550</b>  | <b>Root Vegetables</b><br>Includes garlic, dry onions, rutabagas, turnips, beets, radishes. Include potatoes and carrots if grown in mixture with other root vegetables.                                       |
| <b>..C450</b>  | <b>Forage corn</b><br>Corn grown for livestock consumption. Use C562 for sweet corn (human consumption).   | <b>...C551</b> | <b>Potatoes</b>  |
|                |  | <b>...C552</b> | <b>Carrots</b>   |
|                |  | <b>..C560</b>  | <b>Misc. Vegetables</b><br>All other vegetables that are not included in a specific detailed code. Includes vegetables such as leek, asparagus (producing & non-producing), eggplant, okra, green onions, etc. |
|                |  | <b>...C561</b> | <b>Peppers</b>   |
|                |  | <b>...C562</b> | <b>Sweet corn</b>  |
|                |  | <b>...C563</b> | <b>Tomatoes</b>  |

Definitions of the Anthropogenic Detailed Cover Types - ATVC: Crop Types.

Corresponds to flowchart on page 3.

|            |   |            |  |
|------------|---|------------|--|
| ..C570     | <b>Asian Vegetables</b><br>Includes bok choy (Chinese chard), choy sum, gal choy, sui choy, gai lan, Chinese cabbage, daikon, lotus root.   | ...C712    | <b>Misc. Specialty</b>   |
| ..C580     | <b>Mixed Vegetables</b><br>Only use on fields with a variety of vegetable types. Usually found on small fields. Use specific crop codes if planted area > 500 sqm. If unable to tell the vegetable type, use C500.  | ....C712.1 | <b>Herbs</b>   |
| ..C600     | <b>Floriculture</b><br>If plant grown for transplant into soil, use C81* code.  | ....C712.2 | <b>Hops</b>  |
| ..C610     | <b>Bulbs</b>  | ....C712.3 | <b>Mushroom, Field</b><br>Mushrooms growing outdoors. If mushrooms are being grown inside crop barn or covered area, use B310.   |
| ..C620     | <b>Cut flowers</b>  | ....C712.4 | <b>Rhubarb</b>   |
| ..C640     | <b>Lavender</b>   | ...C713    | <b>Cannabis, Field</b><br>Cannabis (regulated medical or recreational, or hemp). Grown in field.   |
| ..C680     | <b>Mixed floriculture</b>   | ....C713.1 | <b>Cannabis, Regulated</b><br>Regulated (licensed) medical or recreational production. Crop produced with high security. Often individual plants grown in pots. If grown indoors, use B370.                  |
| .C700      | <b>Specialty, Turf, Nut trees</b>   | ....C713.2 | <b>Hemp Fibre</b><br>Hemp for fibre. Crop found in open fields with low security.  |
| ..C710     | <b>Specialty</b><br>Use C700 if the specialty plant is unknown. Use C718 if there is a variety of specialty plants grown together in areas of < 500 sqm. Usually found on small fields. Use C712 if the specialty plant is known but does not have a specified detailed code. | ...C718    | <b>Mixed Specialty</b><br>Only use on fields with a variety of specialty types. Usually found on small fields. Use specific crop codes if greater than 500 sq m. If unable to tell the plant type, use C710. |
| ...C711    | <b>Medicinal plants</b>   | ..C720     | <b>Turf</b><br>Grass sod grown for commercial and domestic use. Grass is kept short, usually even in colour due to regular irrigation.   |
| ....C711.1 | <b>Ginseng</b>  | ..C730     | <b>Nut Trees</b><br>Use C730 if specific nut tree type is unknown.   |
| ....C711.2 | <b>Echinacea</b>  | ...C731    | <b>Hazelnut / Filbert</b>  |
|            |   | ...C732    | <b>Walnut</b>  |
|            |   | ...C738    | <b>Mixed Nut Trees</b>   |
|            |   | ...C739    | <b>Misc. Nut Trees</b><br>Use if type of nut tree is known, but type is not listed in C7* codes.   |

## Definitions: Detailed Cover Type

## ATVC (CROP TYPES)

Definitions of the Anthropogenic Detailed Cover Types - ATVC: Crop Types.

Corresponds to flowchart on page 4.

|                   |   |                   |   |
|-------------------|---|-------------------|---|
| <b>.C800</b>      | <b>Nursery &amp; Tree Plantations</b>   | <b>...C824</b>    | <b>Woody Cuts</b><br>Boughs for Christmas wreaths or other arrangements.  |
| <b>..C810</b>     | <b>Nursery</b><br>Plants are grown for transplant. Plant is the commodity.  | <b>....C824.1</b> | <b>Holly</b>  |
| <b>...C811</b>    | <b>Forestry Stock</b><br>Cultivated for transplant. Use B250 if in a poly greenhouse. Use P152 activity code if hoop/tunnel cover is used or P813 practice code for plugs (containers). | <b>...C828</b>    | <b>Mixed Tree Plantation</b>  |
| <b>...C812</b>    | <b>Ornamentals and Shrubs</b><br>Ornamentals and shrubs cultivated for transplant.  | <b>.C900</b>      | <b>Other</b><br>Specify type.   |
| <b>....C812.1</b> | <b>Cedar Hedging</b><br>Cedar hedging cultivated for transplant.  | <b>..C910</b>     | <b>Cultivated Land</b><br>Arable land that has clearly been cultivated (prepared for planting (plowing or tilling)) but the crop type is young and can not be identified. If the crop type can be determined by other means (local knowledge, etc.) use the detailed crop type. |
| <b>...C813</b>    | <b>Fruit / Berry Stock</b><br>Tree fruit seedlings, berry whips, and other species cultivated for transplant at high density. Often occurs on orchards or berry farms.                  | <b>..C920</b>     | <b>Fallow Land</b><br>Previously cultivated land that has not been seeded or planted for one or more growing seasons. Vegetation cover may be weedy but is easily tilled under. If trees / shrubs present, field has reverted to natural or Semi-natural..                      |
| <b>...C814</b>    | <b>Bedding Plants</b><br>Low growing flowers or vegetables starts.  | <b>..C930</b>     | <b>Crop Transition</b><br>Crop actively being removed or changed to an unknown crop type. Often a precursor to C910 or C*. If the new crop type is known and will be planted within the growing season, use the detailed crop type.   |
| <b>...C818</b>    | <b>Mixed Nursery</b>  | <b>..C940</b>     | <b>Cover Grass</b><br>Not harvested or used for forage. Cultivated to manage soil moisture/erosion. Ex. cover grass between fruit tree rows.  |
| <b>..C820</b>     | <b>Trees (Plantation)</b><br>Harvested for fibre or other products. Plants are not cultivated for transplant (except in rare cases such as ball and burlap Christmas trees)             | <b>..C950</b>     | <b>Mulch</b><br>Long-term ground cover used to manage soil moisture/erosion or weeds on a cultivated field. Mostly used in intercropping. If temporary floating plastic cover, use P152 activity code.  |
| <b>...C821</b>    | <b>Christmas Trees</b>  |                   |   |
| <b>...C822</b>    | <b>Fibre / Pulp / Veneer Trees</b><br>Often deciduous. May be intensively managed. Grown in regular rows or grid patterns.  |                   |   |
| <b>...C823</b>    | <b>Maple</b><br>Trees used for maple syrup production. Use C812 if entire plant is commodity.   |                   |   |

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 6.

|                |  |                |   |
|----------------|--|----------------|---|
| B000           | <b>ARTIFICIAL AREAS</b><br>Area > 50 sqm (unless otherwise specified) characterized by the presence of artificial or often impervious cover on the land, which is expected to exist for a long duration.   | <b>..B200</b>  | <b>Soft poly greenhouse</b><br>Enclosed soft poly structures with or without climate control facilities for growing plants under controlled environments. Digitize to base of rounded structures. Use 'Greenhouse support' (B290) for associated hardened areas and support buildings.  |
| <b>..B100</b>  | <b>Rigid Greenhouse</b><br>Enclosed glass structures with or without climate control facilities for growing plants under controlled environments. Digitize to dripline of roof. Use 'Greenhouse support' (B190) codes for associated hardened areas and support buildings.   | <b>..B210</b>  | <b>Vegetables</b><br>Soft poly greenhouse used for vegetable production. If entire plant is being grown for transplant, use 'Nursery' (B130).   |
| <b>..B110</b>  | <b>Vegetables</b><br>Rigid greenhouse used for vegetable production. If entire plant is being grown for transplant, use 'Nursery' (B130).  | <b>..B220</b>  | <b>Floriculture</b><br>Soft poly greenhouse producing cut flowers and potted plants for the floriculture industry. If entire plant is being grown for transplant, use 'Nursery' (B130).   |
| <b>..B120</b>  | <b>Floriculture</b><br>Rigid greenhouse producing cut flowers and potted plants for the floriculture industry. If entire plant is being grown for transplant, use 'Nursery' (B130).  | <b>..B230</b>  | <b>Nursery</b><br>Soft poly greenhouse where plants are grown for transplant.   |
| <b>..B130</b>  | <b>Nursery</b><br>Rigid greenhouse where plants are grown for transplant.  | <b>..B240</b>  | <b>Mixed</b><br>Soft poly greenhouse used with mixed purpose (ex. nursery and floriculture).  |
| <b>..B140</b>  | <b>Mixed</b><br>Rigid greenhouse used with mixed purpose (ex. nursery and floriculture).   | <b>..B250</b>  | <b>Forestry Stock</b><br>Soft poly greenhouse producing forestry stock for reforestation.   |
| <b>..B170</b>  | <b>Cannabis</b><br>Rigid greenhouse for cannabis production; regulated (licensed) medical or recreational production. Crop produced with high security.  | <b>...B270</b> | <b>Cannabis</b><br>Soft poly greenhouse for cannabis production; regulated (licensed) medical or recreational production. Crop produced with high security.   |
| <b>..B180</b>  | <b>Empty</b><br>Empty but operational rigid greenhouse. Use B100 and P720 if empty and no longer operational. Use B100 and P770 if completely abandoned.   | <b>..B280</b>  | <b>Empty</b><br>Empty but operational soft poly greenhouse. Use B200 and P720 if empty and no longer operational. Use B200 and P770 if completely abandoned.  |
| <b>..B190</b>  | <b>Greenhouse support</b><br>Permanent building structures or hardened bare areas (paved or compacted) that are not producing crops but support the rigid greenhouse operation. See more detailed codes B191, B192.  | <b>..B290</b>  | <b>Greenhouse Accessory</b><br>Permanent building structures or hardened bare areas (paved or compacted) that are not producing crops but support the soft poly greenhouse operation. See more detailed codes B191, B192.   |
| <b>...B191</b> | <b>Accessory support</b><br>Permanent building structures that are not producing crops but support the rigid greenhouse operation. Includes warehouses, utility, office or sales buildings, etc. Attached or detached from the greenhouse structure.   | <b>...B291</b> | <b>Accessory Building</b><br>Permanent building structures that are not producing crops but support the soft poly greenhouse operation. Includes warehouses, utility, office or sales buildings, etc. Attached or detached from the greenhouse structure.   |
| <b>...B192</b> | <b>Accessory support</b><br>Permanent hardened bare areas not producing crops but supporting the rigid greenhouse operation. Includes driveways, parking, loading zones, etc. Includes compacted soil due to long-term repeated use by greenhouse-related equipment. Use N300 with P520 for softer, predominantly bare areas with incidental farm use. | <b>...B292</b> | <b>Accessory Non-Building</b><br>Permanent hardened bare areas not producing crops but supporting the soft poly greenhouse operation. Includes driveways, parking, loading zones, etc. Includes compacted soil due to long-term repeated use by greenhouse-related equipment. Use N300 with P520 for softer, predominantly bare areas with incidental farm use. |



## Definitions: Detailed Cover Type

## ATBB (BUILT OBJECTS)

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart starting on pages 6-7.

|                |   |                   |  |
|----------------|---|-------------------|--|
| <b>.B300</b>   | <b>Crop Barn</b><br>Indoor or covered area dedicated to crop production. Use 'Crop barn support' (B390) for associated parking and buildings.   | <b>.B400</b>      | <b>Farm</b><br>Buildings used directly or in support of the farm operation. Includes barns, storage structures, livestock yards, riding rings, other farm buildings and associated operational area. Excludes greenhouses, crop barns. Use C4* for enclosures with cultivated vegetation sufficient for grazing. |
| <b>..B310</b>  | <b>Mushroom</b><br>Barn for mushroom production. Use C712.3 for fields growing uncovered in the field.  | <b>..B410</b>     | <b>Intensive Livestock Barn</b><br>Specialized closed structures > 100 sqm, designed for confined livestock feeding at high stocking density. Adjacent feed storage and building ventilation are common features. For areas < 100 sqm, use B491.   |
| <b>..B370</b>  | <b>Cannabis</b><br>Cannabis barn. Regulated (licensed) medical or recreational production. Crop produced with high security. New code 2020.   | <b>...B411</b>    | <b>Dairy, Intensive</b><br>Specialized barn for intensive dairy cow management. Includes area to house cows and milking parlour. For more general farm buildings used to support the dairy operation, use B491.  |
| <b>..B380</b>  | <b>Empty</b><br>Empty but operational crop barn. Digitize EXACT footprint. Use crop barn accessory (B390) for associated yard, parking, & buildings. Use B300 and P720 if no longer operational.  | <b>...B412</b>    | <b>Poultry / Egg, Intensive</b><br>Specialized barn for intensive poultry management (broilers, laying hens, pullets, etc.) If known, specify number of levels of barn.  |
| <b>..B390</b>  | <b>Crop Barn support</b><br>Buildings (> 50 sqm) or non-building hardened areas that are not producing crops but support the crop barn operation. See more detailed codes B391, B392.   | <b>....B412.1</b> | <b>Poultry / Egg, Single Deck</b><br>Specialized single level barn for intensive poultry management (broilers, laying hens, pullets, etc.)   |
| <b>...B391</b> | <b>Support building</b><br>Buildings (> 50sqm) that are not producing crops but support the crop barn operation, such as warehouse, utility, office or sales building, etc. Discrete. Attached or detached from the crop barn structure. New code 2020.                                   | <b>...B412.2</b>  | <b>Poultry / Egg, Double Deck</b><br>Specialized two level barn for intensive poultry management (broilers, laying hens, pullets, etc.)  |
| <b>...B392</b> | <b>Support non-building</b><br>Non-building hardened bare areas that are not producing crops but support the crop barn operation, such as driveway, parking, decorative landscaping, etc. Use N300 with P520 for softer predominantly bare areas with incidental farm use. New code 2020. | <b>...B412.3</b>  | <b>Poultry / Egg, Triple Deck</b><br>Specialized three level barn for intensive poultry management (broilers, laying hens, pullets, etc.)  |
|                |   | <b>...B412.4</b>  | <b>Poultry / Egg, Quad Deck</b><br>Specialized four level barn for intensive poultry management (broilers, laying hens, pullets, etc.)   |
|                |   | <b>...B413</b>    | <b>Swine, Intensive</b><br>Specialized barn for intensive swine management. If known, specify number of levels of barn.  |
|                |   | <b>....B413.1</b> | <b>Swine, Single Deck</b><br>Specialized single level barn for intensive swine management.   |
|                |   | <b>....B413.2</b> | <b>Swine, Double Deck</b><br>Specialized two level barn for intensive swine management.  |

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 7.

|         |  |         |   |
|---------|--|---------|---|
| ...B414 | <b>Fur Bearing, Intensive</b><br>Specialized barn for intensive management of fur-bearing animals.   | ...B470 | <b>Equine Facilities</b><br>Specialized / dedicated equine facilities dedicated to sports, therapy, recreation or tourism. Includes equine housing if integrated with specialized structures.   |
| ...B415 | <b>Beef, Intensive</b><br>Specialized covered barn for intensive management of beef cattle.  | ...B471 | <b>Uncovered Riding Yard / Arena / Round Pen</b><br>Fenced area (> 50 sqm) usually uniformly bare, covered with sand or other material. May have weedy or patchy vegetation insufficient for grazing. May include temporary jump or barrel obstacles, shelters, seating for spectators.   |
| ...B417 | <b>Other, Intensive</b><br>Specialized barn for intensive management of known livestock. Not dairy, poultry, swine, fur-bearing, or beef. Use B410 if livestock type of intensive barn is unknown.   | ...B472 | <b>Covered Riding Arena</b><br>Large covered structure (> 100 sqm) with closed or partially closed walls containing soft area for equine sports, therapy, recreation or tourism. Commonly associated with commercial equestrian operations.   |
| ...B418 | <b>Empty, Intensive</b><br>Empty specialized barn for intensive management of known livestock. If dairy, poultry, swine, fur-bearing, or beef, use relevant code and mark 'Inactive'.  | ...B473 | <b>Equestrian Stable</b><br>Collection of stalls, including attached large equestrian specific facilities, such as an arena. Commonly associated with commercial boarding operations. Digitize adjacent outdoor stalls (B432), detached riding arenas (B472) separately.  |
| ..B420  | <b>Feedlot / Stockyard</b><br>Fenced bare areas > 100 sqm, highly disturbed by confined and feeding livestock groups at high densities. Include feeding/management aisles, feed/water troughs, receiving/loading pens. Animals usually have no access to barn or pasture.  | ...B480 | <b>Farm Unspecified</b><br>Building with unspecified or unidentifiable crop / livestock production. Use B491 if accessory to (supporting) field crop production OR if other significant identified production structures are present (i.e., B1, B2, B3 or B41-B47).   |
| ..B430  | <b>Livestock Enclosure</b><br>One or a collection of fenced areas for confining livestock at low/medium densities. Predominantly bare but may have weedy or patchy vegetation insufficient for grazing. Often accompanied by adjacent barn or access to pasture. Use B430 if mix of yards and stalls.  | ..B490  | <b>Farm Support</b><br>Permanent building structures or hardened bare areas (paved or compacted) that are not producing crops or intensive livestock but support the farm operation. See more detailed codes B391, B392.  |
| ...B431 | <b>Livestock Yard</b><br>A fenced area or collection of fenced areas mostly > 25 sqm each (ex. poultry run, dairy yard, horse paddock). Access to shelter, permanent food and water. Predominantly bare but may have patchy vegetation. Include small shelters, management aisles. Digitize yards if at least 50 sqm or can be aggregated to 50 sqm (e.g., two adjacent 25 sqm yards).           | ...B491 | <b>Farm Support Building</b><br>Permanent building structures that are not producing crops or intensive livestock but support the farm operation. Includes non-intensive livestock, crop storage, manure bunker, feed silo, hay shed, equipment storage. Attached or detached from primary production buildings.                                    |
| ...B432 | <b>Livestock Stalls</b><br>Collection of small fenced areas (ex. equine boarding stall), isolated from shelter and often with no access to food or water. If attached to shelter, individual fenced area < 25 sqm. Predominantly bare but may have patchy vegetation. Include small shelters, management aisles. Do not digitize individual stalls < 50 sqm. Aggregate adjacent stalls together. | ...B492 | <b>Farm Support Non-Building</b><br>Permanent hardened bare areas not producing crops or intensive livestock but supporting the farm operation. Includes driveways, parking, etc. Includes compacted soil due to long-term repeated use by farm-related equipment. Use N300 with P520 for softer predominantly bare areas with incidental farm use. |

## Definitions: Detailed Cover Type

## ATBB (BUILT OBJECTS)

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 6.

|                |  |                |  |
|----------------|--|----------------|--|
| <b>.B600</b>   | <b>Residential</b><br>Dwelling building roof dripline, including accessory buildings and hardened areas used for residential purposes. Does not include associated managed vegetation.   | <b>...B618</b> | <b>Individual Mobile Home</b><br>Rectangular one-story manufactured home that can be moved (mobile home). Single-wide < 5.5 m, double-wide < 6.1 m; both 27 m long. Usually skirted without basement. Use specific B610 code if built on permanent foundation (i.e., unmovable). Use B632 for mobile home park. For tiny home on wheels, define cover plus P530 practice code. |
| <b>..B610</b>  | <b>Single Family Dwelling</b><br>Single family dwelling building not on wheels, not an RV. Digitize roof dripline (including attached garage, covered deck/patio, etc.) Count number of floors including windowed basements and attics (0.5 floors each). Two half floors equal one full floor. For home built on slopes, use tallest side of house to count floors. | <b>...B619</b> | <b>Cabin / Cottage</b><br>Seasonally occupied single cabin or cottage. Not suitable for year-round living. Usually small and/or remote. Use B633 if a series of multiple cabins with common parking.   |
| <b>...B611</b> | <b>House 1 Floor</b><br>Single family dwelling with 1 floor. No observable basement or attic.  | <b>..B620</b>  | <b>Multi Family Dwelling</b><br>Permanent dwelling with more than 1 living unit. Does not include single family residences with accessory dwelling units (ex. basements suits) contained within.   |
| <b>...B612</b> | <b>House 1.5 Floors</b><br>Single family dwelling building with 1.5 floors. Includes split-level homes.  | <b>...B621</b> | <b>Duplex</b><br>A two-unit building where each unit shares a common wall. Each unit has a separate entrance from the outside or through a common vestibule.   |
| <b>...B613</b> | <b>House 2 Floors</b><br>Single family dwelling with 2 floors.   | <b>...B622</b> | <b>Triplex / Fourplex</b><br>A three or four unit building, divided vertically and/or horizontally. Each unit has a separate entrance from the outside or through a common vestibule. Use B623 for multiple triplexes/fourplexes located in close proximity.   |
| <b>...B614</b> | <b>House 2.5 Floors</b><br>Single family dwelling with 2.5 floors.   | <b>...B623</b> | <b>Townhouse</b><br>A building comprised of multiple attached residential homes, each with its own entrance. There may be multiple buildings, part of a larger development on one or multiple adjacent parcels. Use B622 if only one building with three to four units.  |
| <b>...B615</b> | <b>House 3 Floors</b><br>Single family dwelling with 3 floors.   | <b>...B624</b> | <b>Apartment</b><br>A large building containing multiple residential suites.   |
| <b>...B616</b> | <b>House 3.5 Floors</b><br>Single family dwelling with 3.5 floors.   |                |  |
| <b>...B617</b> | <b>House Unknown Floors</b><br>Single family dwelling with unknown number of floors.   |                |  |

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 6.

|         |   |         |  |
|---------|---|---------|--|
| ..B630  | <p><b>Other</b><br/>Other residential structure which is not typical of single family or multi-family dwellings. Use P750 practice code if suite is found within a residential accessory building (B691) or a non-residential building.</p>   | ..B690  | <p><b>Residential Accessory</b><br/>Permanent building structures or hardened bare areas (paved or compacted) that support residential use. See more detailed codes B691, B692.</p>  |
| ...B631 | <p><b>Camp Site / RV Park</b><br/>Site built for accommodating multiple RVs and tents. Do not use for single RV. Use B632 for mobile home park.</p>   | ...B691 | <p><b>Residential Accessory Building</b><br/>Permanent building structures that are not the dwelling but support residential use. Includes garage, carport, workshop, toolshed, storage shed, household greenhouse. Attached or detached from the dwelling.</p>  |
| ...B632 | <p><b>Mobile Home Park</b><br/>Collection of 4 or more mobile homes in close proximity. Digitize buildings and associated yards and hardened areas together. If fewer than 4 mobile homes, use B618 and digitize all features separately.</p> | ...B692 | <p><b>Residential Accessory Non-Building</b><br/>Permanent hardened bare areas that support residence, such as driveway, parking, pool, play court, etc. Includes compacted soil due to long-term repeated use for residential parking or storage. Use N300 with P510 for softer predominantly bare areas with incidental residential use.</p> |
| ...B633 | <p><b>Motel Style / Cabins</b><br/>Single building of multiple connected rooms with doors having direct access to an open area. Also includes a series of small cabins with common parking.</p>   |         |  |
| ...B634 | <p><b>Hotel Style</b><br/>Single building of multiple connected rooms with doors having access to a common inside or outside hallway.</p>   |         |  |
| ...B635 | <p><b>Dormitory</b><br/>Residence hall / dormitory.</p>   |         |  |

## Definitions: Detailed Cover Type

## ATBB (BUILT OBJECTS)

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 6.

|                |  |                |  |
|----------------|--|----------------|--|
| <b>..B700</b>  | <b>Transportation / Parking</b><br>A constructed surface for vehicle use. Typically paved, graveled and/or graded.   | <b>..B750</b>  | <b>Pier / Wharf / Dock</b>   |
| <b>..B710</b>  | <b>Roads</b><br>Artificial, constructed roadway, paved or loose. Also includes permanent dirt roads (ex. forest service, access roads).  | <b>..B760</b>  | <b>Paved Area</b><br>Constructed pad (fill material, levelling, surface prep) used for parking, equipment operation, etc. Paved or loose. Use N300 for a non-constructed bare area. Use B780 for parkades or other stacked parking structures.                             |
| <b>..B720</b>  | <b>Railroads</b><br>A track or set of tracks (railyard) made of steel rails along which trains run. Includes track ballast. Includes elevated rail.  | <b>..B780</b>  | <b>Parking Structure</b><br>Designated multistorey carpark structures above ground level. Parkades.  |
| <b>..B730</b>  | <b>Airport</b><br>Permanent structures and hardened areas used to support airport activities. Small airport buildings < 50 sqm built on hardened surface can be included in airport non-building (B732).   | <b>..B800</b>  | <b>Other - Linear</b><br>Linear constructions (length is significantly greater than width) such as dykes, constructed berms, transmission lines, pipelines.  |
| <b>...B731</b> | <b>Airport Building</b><br>Airport buildings related to or supporting airport activities. Includes parking structures, terminals, control towers, fuel depots, hangers, repair facilities.   | <b>..B810</b>  | <b>Dyke / Berm</b><br>Dyke, berm. A constructed flat strip of land, raised bank, or terrace bordering a water course, body or coastline. Used for regulating water levels. May or may not be vegetated.  |
| <b>...B732</b> | <b>Airport Non-Building</b><br>Permanent hardened areas supporting airport activity. Includes runways, taxiways, service roads, slip roads and employee parking for airport buildings. For traveler parking, use B780 for parkades and B760 for surface parking. | <b>..B820</b>  | <b>Ditch</b><br>Ditch, channel. A channel dug in the ground used to divert water away from or to a feature. Typically used for drainage alongside a road or the edge of a field. May or may not be vegetated.  |
| <b>..B740</b>  | <b>Bus Terminal</b><br>Permanent structures and hardened areas used to support bus terminal activities. Small buildings < 50 sqm built on hardened surface can be included in bus terminal non-building (B742).  | <b>..B830</b>  | <b>Utility Line</b><br>Linear conveyance systems used to transport power, gas, oil, water, etc.  |
| <b>...B741</b> | <b>Bus Terminal Building</b><br>Terminal buildings related to or supporting bus terminal activities. Includes bus parking structures, bus depot and covered waiting areas.   | <b>...B831</b> | <b>Communication Line</b><br>Large towers characterized by large metal masts with linear wire. Digitize the base of tower, usually less than 50 sqm (usually 25-30 sqm). Do not digitize < 25 sqm (ex. small pole transmission and power lines.) Use B968 for substations. |
| <b>...B742</b> | <b>Bus Terminal Non-Building</b><br>Permanent hardened areas supporting bus terminal activity. Includes bus bays, drop off and pick up zones, etc. For traveler parking, use B780 for parkades and B760 for surface parking.                                     | <b>...B832</b> | <b>Pipeline</b><br>Characterized by linear runs of above ground pipe. Digitize pipeline and any surrounding hardened area created to support the structure.  |

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 8.

|                |   |                |   |
|----------------|---|----------------|---|
| <b>.B900</b>   | <b>Other – Non-Linear</b><br>Non-linear artificial buildings and hardened areas related to commercial, industrial, transportation, institutional, etc. and associated parking, auxiliary buildings. Use B990.[1-8] for supporting hardened areas, unless otherwise specified.   | <b>...B914</b> | <b>Exhibition hall</b><br>A building used for the reoccurring showcase of industry or technical exhibitions. Includes agricultural exhibitions (unless held inside B400 building). In the case of agricultural exhibitions, may contain specialized structures for housing livestock AND areas for gatherings of people. Typically associated with surrounding exhibition grounds.          |
| <b>..B910</b>  | <b>Institutional, community</b><br>A building created to support the community and community institutions (does not include commercial institutions). Use B990.1 for associated non-building hardened areas.  | <b>...B915</b> | <b>Museum, library</b><br>Building permanently used for the display of artifacts or a collection of books. Accessible to the general public. Includes agricultural museums. Use Exhibition hall (B914) buildings used for temporary showcase of artifacts.  |
| <b>...B911</b> | <b>School building</b><br>A building used to educate members of the public. Includes, public and private primary and secondary schools, and colleges and universities. Building contains classrooms and other supportive rooms, such as gymnasiums. Usually associated with playfields (M720) and areas for parking (B760). For associated hardened areas used for sports or recreation purposes, use specific B940 code. | <b>...B916</b> | <b>Emergency services station</b><br>Buildings used by first responders, including ambulance, fire, police and search & rescue.   |
| <b>...B912</b> | <b>Medical Building</b><br>Hospital, convalescent homes, mental health facilities, may include non-religious crematorium.   | <b>...B917</b> | <b>Jail, detention center</b><br>Buildings used to house or support the housing of people undergoing or people who have undergone legal court proceedings. Buildings and yards usually associated with security fencing and other security features. Use B912 for forensic hospitals.   |
| <b>...B913</b> | <b>Community hall</b><br>A public building used to accommodate large gatherings, used to support public events, activities, disseminate public information, etc. to the surrounding community. Typically have visible signage.  | <b>...B918</b> | <b>Church, Cemetery</b><br>Buildings created and used for religious purposes, including churches, mosques and temples. Also includes mausoleums (> 50 sqm). May have associated buildings or residential quarters. If residential building is a house, use specific B600 code. If primary purpose of building is education (ex. religious private primary and secondary schools), use B911. |
|                |   | <b>...B919</b> | <b>Other institutional, community</b><br>Other specialized buildings used to serve the needs of the community. For example, playhouse, wedding halls, atriums, etc. that do not have a specific B91* code. Specify in comments.   |

## Definitions: Detailed Cover Type

## ATBB (BUILT OBJECTS)

*Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.*

*Corresponds to flowchart on page 8.*

|                |   |                |  |
|----------------|---|----------------|--|
| <b>..B920</b>  | <b>Commercial Buildings</b><br>Buildings that support commercial uses; where the commercial transaction is occurring (where product is delivered from or where service is provided). Use B990.2 for associated hardened areas.            | <b>...B925</b> | <b>Service Station</b><br>Structures that are specialized for selling gasoline with storage tanks, often underground or hidden. They may have bays for car washes or car service. Digitize covered fueling area to dripline of roof, otherwise use B990.2. |
| <b>...B921</b> | <b>Offices</b><br>Offices, government or private offices, bank buildings.   | <b>...B926</b> | <b>Vehicle Care Garage</b><br>Specialized structures with bays and equipment for auto repair and service. For services related to heavier or more specialized machinery, use B938.   |
| <b>...B922</b> | <b>Market Shops</b><br>Permanent building(s) or structures with stalls for retail or wholesale activities. Typically, no permanent individual entrance to each stall or store. Often no permanent separation between each stall or store. | <b>...B927</b> | <b>Theatre</b><br>Indoor cinemas, or buildings supporting drive-in theatre. For drive-in theatres, use B990.2 for hardened areas where cars park.  |
| <b>...B923</b> | <b>Stores or Shops</b><br>A permanent store or shop within a building, with its own entrance used for retail or wholesale activities. Includes malls (an indoor collection of shops in a single building) and strip malls.                | <b>...B928</b> | <b>Kennels</b><br>Building designed to temporarily house other people's domesticated pets, usually dogs. Includes small outdoor fenced kennel areas (usually adjacent to building).  |
| <b>...B924</b> | <b>Restaurant</b><br>Restaurant buildings that serve food for customers for consumption on or off premises. These structures may also be characterized by specialized cooking, serving, and health and hygiene equipment.                 | <b>...B929</b> | <b>Racetrack</b><br>Racetrack (dirt, gravel, paved) used for racing vehicles (cars, dirt bikes, bicycles, etc.) Often oval, but sometimes long rectangular strips. Use B990.2 for associated hardened areas which are not the racetrack feature.           |

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 8.

|                |  |                   |   |
|----------------|--|-------------------|---|
| <b>..B930</b>  | <b>Industrial</b><br>Specialized buildings and structures used for industrial purposes. Use B990.3 for associated hardened areas.  | <b>...B935</b>    | <b>Process Plant</b><br>Facilities with specialized equipment to raise the quality or alter the physical or chemical characteristics of a raw commodity, including agricultural and non-agricultural products.  |
| <b>...B931</b> | <b>Mill-Type Factory</b><br>Older single or multistory factories, common in many older industrial areas, supported by large wood beams and columns. For lumber mills, see B935.                | <b>....B935.1</b> | <b>Non-Agricultural Process Facility</b><br>Facilities upgrading non-agricultural commodities, e.g., lumber mill.   |
| <b>...B932</b> | <b>Manufacturing Plant</b><br>Newer industrial structure. May look like a typical office building, but relies on special power, water, or waste disposal systems for operation.                | <b>....B935.2</b> | <b>Agricultural Process Facility</b><br>Facilities in which raw agricultural commodities are processed/manufactured into value-added or consumer-ready products. Includes meat processing, abattoir, industrial crop processing, etc.   |
| <b>...B933</b> | <b>Industrial Park</b><br>One or more buildings used for light industrial activities, often by several independent enterprises, that may share common loading, parking, and business services. | <b>....B935.3</b> | <b>Combined Agricultural Processing Facility</b><br>Structure which includes both a known processing activity AND sales area, possibly multiple floors or otherwise indivisible into separate covers. Examples include wineries with tasting/sales area in processing building. |
| <b>...B934</b> | <b>Assembly, Construction Plant</b><br>Heavy industrial structures.  | <b>...B936</b>    | <b>Refinery</b><br>Buildings and structures used to support oil refining activities.  |
|                |  | <b>...B937</b>    | <b>Research / Lab Facility</b><br>Light industrial building used to conduct research, including plant or livestock research facilities. Use B990.3 for associated non-building hardened areas.  |
|                |  | <b>...B938</b>    | <b>Equipment Service Shop</b><br>Light industrial building used to repair large or specialized vehicles and equipment, e.g., large trucks, dump trucks, logging equipment, farm equipment.  |
|                |  | <b>...B939</b>    | <b>Sawmill - Small</b><br>Light industrial. Small sawmill or similar.   |



## Definitions: Detailed Cover Type

## ATBB (BUILT OBJECTS)

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 8.

|         |  |         |   |
|---------|--|---------|---|
| ..B940  | <p><b>Sports / Recreation</b><br/>Buildings and surrounding areas used to facilitate human recreation activities at a public or commercial scale. Use B690 codes for recreational structures built for private use, primarily by residents of the same lot. Use B990.4 for associated non-building hardened areas, unless otherwise specified.</p> | ..B960  | <p><b>Utility, Energy</b><br/>Utility structures. Includes water, power, sewage. Structures are for use at the municipal or community level (ie., NOT private / field-scale use). Digitize features &lt; 50 sqm IF Land Use is dependent on the presence of feature. Aggregate small (&lt; 50 sqm) like features together if in close proximity. Use B990.6 for associated non-building hardened areas.</p> |
| ...B941 | <p><b>Indoor Games Facility</b><br/>Specialized buildings that house indoors games. Includes bowling alleys, skating rinks, indoor golf driving range.</p>   | ...B961 | <p><b>Pump station</b><br/>Facilities containing pumps and equipment to move water from one location to another.</p>  |
| ...B942 | <p><b>Spot Stadium / Arena</b><br/>With or without public spectator facilities. Includes dog agility training arenas.</p>  | ...B962 | <p><b>Dam</b><br/>A barrier restricting the flow of water for storage or diversion.</p>   |
| ...B943 | <p><b>Playground Equipment</b><br/>Includes swings, tot-lots, sand lots, water parks, and other playground equipment. Digitize structure and associated playground surface (rubber, paved, gravel, mulch, etc.)</p>  | ...B963 | <p><b>Reservoir, Water Tank</b><br/>Municipal or community level covered water storage. Aggregate groupings of tanks if individual tanks are &lt; 50 sqm and in close proximity.</p>  |
| ...B944 | <p><b>Club House</b><br/>Buildings used as club houses to facilitate outdoor recreational activities. Ex. golf club house, shooting range club house.</p>  | ...B964 | <p><b>Water, Sewage Treatment Plant</b><br/>Buildings and structures used for the treatment of water or sewage. Use AWW code for open water areas.</p>  |
| ...B945 | <p><b>Outdoor Games Facility</b><br/>Outdoor recreation facilities. Includes outdoor tennis courts, swimming pools, bare/dirt baseball diamonds, bullpens and associated spectator structures (main feature must be permanent, built objects). Commercial or public scale.</p>   | ...B966 | <p><b>Incinerator, Composting Facility</b><br/>Mainly industrial in character, these facilities may sometimes be co-located with landfills and other solid waste operations.</p>  |
| ..B950  | <p><b>Military</b><br/>Buildings used for military purposes. Use B990.5 for associated hardened areas.</p>   | ...B967 | <p><b>Power Generation Facility</b><br/>Includes buildings and structures supporting the generation of power.</p>   |
|         |  | ...B968 | <p><b>Substation</b><br/>Usually a non-building structure of transformers and transmission wires.</p>   |
|         |  | ...B969 | <p><b>Communication Structure</b><br/>Communication towers, radio, tv, wireless transmitters.</p>   |

## Definitions: Detailed Cover Type

## ATBB (BUILT OBJECTS)

Definitions of the Anthropogenic Detailed Cover Types - ATBB: Built Objects.

Corresponds to flowchart on page 8.

|         |  |           |  |
|---------|--|-----------|--|
| ..B970  | <b>Storage</b><br>Non-farm storage. Includes commercial junk yards, mini-warehouse, mini-storage and other storage buildings and storage yards. Use B990.7 for associated hardened areas that are used for non-specific (NOT lumber, industrial) on ground storage.                            | ..B990    | <b>Other Non-building</b><br>General hardened bare areas NOT supporting residence or farm. Often adjacent to B9* buildings. Includes buildings (< 50 sqm), parking, driveways, loading zones, on ground storage, etc. Includes areas of compacted soil due to long-term, repeated use for B990.* activities. Use N300 with P510 for softer predominantly bare areas with incidental use. |
| ...B971 | <b>Warehouse Structure</b><br>Includes public storage, mini-warehouse, mini-storage, and other storage buildings. Use B978 for grain elevator structures.  | ...B990.1 | <b>Institutional / Community</b><br>Hardened bare area associated with B91*.   |
| ...B972 | <b>Produce Warehouse</b><br>Specialized warehouse structures for storing, sorting, repackaging and, sometimes, wholesale selling of produce. Use crop processing (B935.2 or B935.3) if activity raises the quality or alters the physical or chemical characteristics of a raw farm commodity. | ...B990.2 | <b>Commercial</b><br>Hardened bare area associated with B92*.  |
| ...B973 | <b>Tank Farm</b><br>Tanks that primarily store fuel, oil, and other liquid products. Use B963 for storage of water in tanks.   | ...B990.3 | <b>Industrial / Manufacturing</b><br>Hardened bare area associated with B93*.  |
| ...B974 | <b>Junkyard</b><br>Commercial wrecking yard, scrap yard.   | ...B990.4 | <b>Sports / Recreation</b><br>Hardened bare area associated with B94*.   |
| ...B976 | <b>Lumber, Log Yard</b><br>Storage area for lumber, logs. Use instead of B990.7.   | ...B990.5 | <b>Military</b><br>Hardened bare area associated with B95*.  |
| ...B977 | <b>Industrial Storage</b><br>Storage area for sheet metal, construction materials, etc. Use instead of B990.7.   | ...B990.6 | <b>Utility / Energy</b><br>Hardened bare area associated with B96*.  |
| ...B978 | <b>Grain Elevator</b><br>Structure for storing grain. Includes structures used to load grain on to train cars or trucks.   | ...B990.7 | <b>Storage</b><br>Hardened bare area associated with B97*.   |
| ..B980  | <b>General Purpose</b><br>General / all purpose (non-specific) building NOT supporting residence or farm and lacks distinctive features or characteristics (nondescript).  | ...B990.8 | <b>General Purpose</b><br>Hardened bare area associated with B98*.   |

## Definitions: Practices

## CROP SPECIFIC PRACTICES

Definitions of the practices associated with Crop Cover Types (ATVC – Crop Types).

Corresponds to practices associated with the crop type flowcharts on pages 3 & 4.

|         |   |
|---------|---|
| ..P200  | Tree Fruit Practice   |
| ..P210  | Plant form  |
| ...P211 | <b>Espalier</b><br>Plant form.  |
| ...P212 | <b>Fruiting Wall 2D</b><br>Two dimensional (vertically trained) narrow hedge  |
| ...P213 | <b>Thick Fruiting Wall Hedge</b><br>Very high contiguous canopy   |
| ..P220  | Densities (area / plant)  |
| ...P221 | <b>High Density (&lt;100 sq ft)</b><br>Each plant occupies less than 100 sq feet (example < 10 ft between plants and < 10 ft rows).   |
| ...P222 | <b>Med Density (100-200 sq ft)</b><br>Each plant occupies between 100-200 sq feet (example 12 ft between plants and 12 ft rows).  |
| ...P223 | <b>Low Density (&gt;200 sq ft)</b><br>Each plant occupies greater than 200 sq feet.   |
| ..P300  | Vines & Berries   |
| ..P320  | Berries Age   |
| ...P321 | <b>Young</b><br>Plant age.  |
| ...P323 | <b>Mature</b><br>Plant age.   |
| ..P400  | Forage Practice   |
| ..P410  | <b>Pasture</b><br>Used for grazing only (not cut), with fencing to keep animals in. Usually on small parcels (less than 3 ac).  |
| ...P420 | <b>Forage</b><br>Crop is crop cut for silage or haylage. Fields have evidence of cutting (mower lines and hay bales). Fields are unobstructed and may be larger than pasture fields. No animals or evidence of animals.   |
| ...P421 | <b>Forage (Intensively Managed)</b><br>Crop is cut and made into silage or haylage for cattle feed. Often there is no fencing and crop growth is vigorous, even and thick. Fields are large to accommodate equipment. Usually associated with dairy operations. |

|         |  |
|---------|--|
| ...P422 | <b>Forage (Managed)</b><br>Crop is cut and made into silage or haylage for cattle feed. Often there is no fencing and crop growth is generally healthy and even, but improvement is possible. Fields are large to accommodate equipment.                 |
| ...P423 | <b>Forage (Poorly Managed)</b><br>Crop is cut and made into silage or haylage. Crop growth is uneven with weeds.   |
| ...P430 | <b>Forage &amp; Pasture</b><br>Crop is cut and made into silage or haylage. Also used for grazing. Fencing is in good condition. Often associated with dairy operations. Use as default when unsure i.e., difficult to see parcel or distinguish fields. |
| ..P440  | <b>Seed Crop</b>   |
| ...P490 | <b>Unused</b><br>Crop is cultivated but has not been cut or grazed this year. Must have realistic probability of being used as pasture/forage in the foreseeable future.   |
| ..P450  | Grain Practice   |
| ...P451 | <b>Forage Grain</b><br>Grain and stalk cut for forage.   |
| ...P452 | <b>Grain (Not Forage)</b><br>Grain harvested (not cut for forage).   |
| ..P490  | <b>Unused</b><br>Crop is cultivated but has not been cut or grazed this year. Must have realistic probability of being used as pasture/forage in the foreseeable future.   |
| ..P700  | Condition and use  |
| ..P770  | <b>Unmaintained / Abandoned</b><br>Building not in use and is in poor condition structurally. Crops not being maintained and probably would not warrant harvest.   |
| ..P800  | Nursery & tree plantations practice  |
| ..P810  | Nursery practice   |
| ...P813 | <b>Container</b>   |
| ...P817 | <b>In Ground</b><br>Field nursery  |
| ...P819 | <b>Mixed</b><br>Multiple practices.  |

## Definitions: Practices

## NON-CROP PRACTICES

Definitions of the practices associated with various Detailed Cover Types

Corresponds to practices associated with various Detailed Cover Types on pages 2 & 6-8.

|        |   |
|--------|---|
| ..P510 | <b>Storage / Parking Non-Farm</b><br>Incidental use for on ground storage or parking non-farm related. May include RV storage.  |
| ..P520 | <b>Used for Farming</b><br>Incidental use to support farming activities, such as landing area for crews to access fields, farm equipment staging/storage, or picking crate staging/storage. Use B492 for hardened areas surrounding and supporting farm buildings (farm plate). |
| ..P530 | <b>Residential Use Non-Built</b><br>Parking of tiny homes on wheels or RVs used as semi-permanent residential dwellings. May use with Residential Accessory non-building B692 but no other B6 code.   |
| .P700  | Condition and use   |
| ..P720 | <b>Not Used for Farming</b><br>Greenhouse is not used for farming. Used for non-farm related storage / parking etc.   |
| ..P750 | <b>Building has Secondary Use as Dwelling (Suite)</b><br>Building has secondary (ancillary) dwelling use (usually 2nd floor suite) < 50% building floor area. Use with B[1-4] or B9 or B691 (residential accessory building). DO NOT use with non-building codes.               |
| ..P760 | <b>Not Used for Residential</b><br>Residential structure not used for residential. Ex house used as commercial daycare.   |
| ..P770 | <b>Unmaintained / Abandoned</b><br>Building not in use and is in poor condition structurally. Crops not being maintained and probably would not warrant harvest.  |

|        |  |
|--------|--|
| ..P780 | <b>Used for Farming but NOT for Livestock</b><br>Intensive livestock barn used for farm support only (no livestock). Use with B41* only. Use P790 for non-intensive livestock use (ex dry cow). NOTE for Pre 2020, convert P780 to P770 (unmaintained ATVC).                           |
| ..P790 | <b>Used by Non-Intensive Livestock</b><br>Farm building used for non intensive livestock. Use with B41* or B491 only - not enforced by Add in in 2020. Exception to be tested - may be applied to B492 where buildings supporting livestock are <50 sqm and thus not captured by B491. |
| .P900  | Natural Area Practice  |
| ..P910 | <b>Pasture (Natural)</b><br>Fenced natural/semi-natural vegetated area (not cultivated) used for grazing.  |
| ..P920 | <b>Rangeland (Natural)</b><br>Extensive natural area (not cultivated) used for grazing.  |
| ..P950 | <b>Old Farm Field</b><br>Old farm field which has reverted back to Semi-natural  |

*Definitions of the Irrigation Systems associated with Crop Cover Type (ATVC – Crop Types) Practices (and some ATVM codes).*

*Corresponds to practices associated with the crop type flowchart on page 5.*

|               |   |                |   |
|---------------|---|----------------|---|
| I000          | <b>IRRIGATION</b>   | <b>.I300</b>   | <b>Sprinkler</b><br>Includes oscillating sprinklers and heads rotated by impact of a swinging arm. Excludes microsprinkler (I340). Heads rotate slower and are larger than micro sprinklers. Usually a lower density system than micro sprinklers.                  |
| <b>.I100</b>  | <b>Surface</b>  | <b>..I310</b>  | <b>Handline</b><br>An aluminum water pipe with sprinkler heads mounted along the pipe.  |
| <b>..I110</b> | <b>Flood</b><br>Overland flow of water controlled by gates, weirs, and gated pipes. Usually associated with cranberries or other distinctly flat, levelled field.   | <b>..I320</b>  | <b>Wheeline</b><br>An aluminum water pipe running through the centre of a series of spoke wheels located parallel to the edge of the field. Sprinkler heads are mounted along the pipe. Usually a driving mechanism is located in mid-section of the pipe.          |
| <b>..I120</b> | <b>Furrow</b><br>Small, evenly spaced shallow channels parallel to crop row direction. The channels need to have some slope for water to flow.  | <b>..I330</b>  | <b>Solid Set</b><br>Individual sprinkler heads interspersed through the field mounted on solid set PVC or other permanent pipe system.– Pipes usually underground. Associated with orchards, berries and vegetables. Sprinkler head is smaller than solid set guns. |
| <b>.I200</b>  | <b>Sub-Surface</b><br>Water that is supplied to the crop due to a high water table in the soil.   | <b>...I331</b> | <b>Solid Set – Under Tree</b><br>Sprinkler head above the crop canopy.  |
| <b>..I210</b> | <b>Managed</b><br>The water table in the soil is elevated intentionally by delivering water to the farm through a system of pumps, channels and/or drain tiles. Pumps are used to actively raise channel water levels.                      | <b>...I332</b> | <b>Solid set – Over Tree</b><br>Sprinkler head below the crop canopy.   |
| <b>..I220</b> | <b>Unmanaged</b><br>The water table in the soil is naturally obtained by rainfall, high groundwater and or seepage from nearby water sources. Channels (ditches) are usually present but pumps are not used to actively raise water levels. | <b>..I340</b>  | <b>Microsprinkler</b><br>Low pressure system with small spinning heads that throw water approximately 20 ft spray pattern. Typically applies water to a larger area while trickle irrigates individual plants. Usually flexible pipe (not PVC).                     |
|               |   | <b>..I350</b>  | <b>Tripod / Cart / Sled Sprinkler</b><br>Includes small cart with sprinkler or small gun with garden hose feed. Soft hose may wheeled like a miniature giant gun.   |

*Definitions of the Irrigation Systems associated with Crop Cover Type (ATVC – Crop Types) Practices (and some ATVM codes).*

*Corresponds to practices associated with the crop type flowchart on page 5.*

|                |   |                   |  |
|----------------|---|-------------------|--|
| <b>..I400</b>  | <b>Centre Pivot</b><br>A long aluminum pipe, with sprinklers or spray emitters located along the length of the pipe, on a wheeled carriages that moves in a circular motion around a pivot in the middle of the field.  | <b>..I620</b>     | <b>Spray Emitter</b><br>Miniature nozzles deliver water radially in a fine low pressure spray to individual plants. Heads are smaller than micro sprinklers and do not spin. Usually is a higher density system than micro sprinklers and is usually not found over tree.          |
| <b>..I410</b>  | <b>Sprinkler</b><br>Sprinklers located along the length of an aluminum pipe which moves in a circular motion around a pivot in the middle of the field.   | <b>...I621</b>    | <b>Spray – On Ground</b><br>Tube and spray nozzles are laying just on top of the ground.   |
| <b>..I420</b>  | <b>Low Pressure Spray</b><br>Spray emitters located along the length of an aluminum pipe which moves in a circular motion around a pivot in the middle of the field.  | <b>...I622</b>    | <b>Spray - Hanging</b><br>Tube and spray nozzles are hanging above the ground.   |
| <b>..I500</b>  | <b>Gian Gun</b><br>Uses a large water canon or gun under high input pressures. Large head / nozzle (at least 1 ft long).  | <b>..I630</b>     | <b>Linear Tape</b><br>Flexible flat, soft hose tubing with built in discharge orifices at equal intervals (typically 12"). Normally used for row crops like vegetables or strawberries. In contrast, drip or spay emitters use a hard hose with emitters installed along the hose. |
| <b>..I510</b>  | <b>Stationary Gun</b>   | <b>...I631</b>    | <b>Linear Tape - Plastic Mulch</b>   |
| <b>..I520</b>  | <b>Travelling Gun</b><br>Consists of a large reel of hose mounted on a trailer with the gun on the end of the hose.   | <b>...I632</b>    | <b>Linear Tape - No Plastic Mulch</b>  |
| <b>..I530</b>  | <b>Solid Set Gun</b><br>Rare irrigation system. Much larger than solid set sprinklers, with a large nozzle (at least 1 ft long). Found in pasture fields, sticking up in a grid-like formation.   | <b>..I700</b>     | <b>Landscape / Turf</b><br>Sprinklers commonly found on golf courses, parks, turf and lawns. Includes pop-up sprinklers. (default irrigation for all M700 unless other system seen)  |
| <b>..I600</b>  | <b>Trickle</b><br>Trickle or drip. Small plastic tubes, the size of garden hose, are used to deliver water, either drop by drop or through low pressure spray, to individual plants. Sometimes the entire hose may be perforated to allow water to seep out along its length. | <b>..I800</b>     | <b>Irrigated – System Unknown</b><br>Parcel is irrigated but no irrigation equipment is visible. For AWDM use Sprinkler (default)  |
| <b>..I610</b>  | <b>Drip Emitter</b><br>Miniature nozzles deliver water drop by drop to individual plants.   | <b>..I900</b>     | <b>Not Irrigated – No System</b><br>Parcel is not irrigated and no irrigation equipment is visible.  |
| <b>...I611</b> | <b>Drip Emitter - Buried</b><br>Tube and drip nozzles are buried beneath the ground.  | <b>...I999</b>    | <b>Resurvey Required</b><br>No irrigation equipment is visible and season is wet so irrigation cannot be determined.   |
| <b>...I612</b> | <b>Drip Emitter – On Ground</b><br>Tube and drip nozzles are laying just on top of the ground.  | <b>....I999.1</b> | <b>Drive-by Resurvey Required</b><br>Visibility from the road is adequate and a drive-by resurvey may successfully capture irrigation if weather changes to hot and dry.   |
| <b>...I613</b> | <b>Drip Emitter - Hanging</b><br>Tube and drip nozzles are hanging above the ground.  | <b>....I999.2</b> | <b>Other Resurvey Required</b><br>Visibility from the road is limited therefore irrigation can not be determined using windshield survey. Other resurvey method should be employed to determine irrigation.  |

## Definitions: Limitations

*Definitions of the Limitations that can be applied to detailed covered types (NTV, ATVM, ATBN). Mandatory to apply to NTV codes. Optional application on ATVM and ATBN codes.*

|          |   |
|----------|---|
| <b>B</b> | <b>Buffer</b><br>Buffer (usually vegetated) which functions to provide wind protection, privacy, noise remediation, dust and spray drift control.   |
| <b>C</b> | <b>Topography &amp; Soils</b><br>Topography and soils, variable limitation across the land cover. Includes steep slopes with rocky outcroppings.  |
| <b>D</b> | <b>Drainage / Flooding</b><br>Poor drainage or frequent flooding limiting farming operations or vegetation growth but not a persistent wetland (NWV). Water is from rain, water table or overground flooding. Includes bare foreshore. Use riparian if vegetated strip adjacent to water. |
| <b>N</b> | <b>None</b><br>Tree cover is not considered a limitation. Includes most old farm fields that have reverted to natural or semi-natural.  |
| <b>O</b> | <b>Operational</b><br>Operational limitation due to on-site (local) features (buildings, natural barriers). Awkward shape, isolated small area, adjacent to non-farm building such as house. Do not use to describe isolated parcels with poor or no public road access.                  |
| <b>R</b> | <b>Riparian</b><br>Vegetated strip next to water which functions to protect water resources from nonpoint source pollution and provide bank stabilization and aquatic and wildlife habitat  |
| <b>S</b> | <b>Soils</b><br>Alkaline soils, shallow soils with rock outcroppings (visible exposure of bedrock), Question - does this include construction fill dump sites, gravel pits, or other soil modified areas recovered to natural or semi-natural vegetation?                                 |
| <b>T</b> | <b>Topography</b><br>Topography, steep slope. Steep needs to be defined.  |
| <b>U</b> | <b>Unknown</b><br>Not evaluated for limitations   |

# Definitions: Agricultural Availability and Land Use Classifications

*Definitions of the Land Use Classifications.*

*Corresponds to flowchart on page 9 & 10.*

|              |  |               |  |
|--------------|--|---------------|--|
| <b>A</b>     | <b>Available</b><br>Available for agriculture use OR is currently used for agriculture. Other uses may exist, but do not exclude agriculture. Do not consider suitability of land cover for agriculture when determining availability. Ex. A parcel covered in water is A. | <b>G000</b>   | <b>Energy Generation</b><br>Includes hydroelectric dams & generating facilities, fossil fuel generating facilities, penstocks, generators, hog fuel burners, solar fields, wind fields, geothermal facilities.   |
| <b>U</b>     | <b>Unavailable</b><br>Due to existing incompatible land use or declared interest (designated park), the parcel is alienated from significant agriculture use .   | <b>.G100</b>  | <b>Hydroelectric</b><br>Generating energy from dams, penstocks and run of river  |
| <b>A000</b>  | <b>Natural Grazing</b><br>Extensive natural areas used for free range livestock grazing.   | <b>.G200</b>  | <b>Fossil Fuel Generation</b><br>Diesel generators, natural gas generators   |
| <b>D000</b>  | <b>Dumps &amp; Deposits – General</b>  | <b>.G300</b>  | <b>Other Energy Generation</b><br>Includes hog fuel, solar, geothermal, wind power, anaerobic digestion  |
| <b>.D100</b> | <b>Waste Dumps</b><br>Garbage dumps. Industrial waste dump sites, disposal basins, tire farms, confined dredge disposal basins, and tailing basins associated with industrial operations at a mine site.   | <b>H000</b>   | <b>Heritage</b><br>Archaeology or heritage sites. Pictograph, Petroglyph, cultural material.   |
| <b>.D200</b> | <b>Fill Dumping</b><br>"Fill" is material not exempted by ALC regulations that is brought onto ALR land. Fill is not restricted to soil material and can be vegetative refuse, construction debris, concrete, asphalt, metal, etc.   | <b>J000</b>   | <b>Mineral, Petroleum Extraction</b><br>Surface and subsurface mining activity. Includes buildings associated with smelting or crushing operations at mine site. Port facilities separate from the site would be assigned to water transportation. Large tailings basins are to be classified as dump. |
| <b>E000</b>  | <b>Resource Protection &amp; Research</b><br>Government or private research activities (including agriculture). Flood protection areas.  | <b>.J100</b>  | <b>Mineral Extraction</b><br>Includes pit mining, peat & topsoil extraction, underground extractions, tailings & waste handling, seismic networks, petroleum pumping. Gravel extraction is excluded.   |
| <b>F000</b>  | <b>Forestry</b><br>Includes model forest, regenerating forest, clearcut logging, selective logging, prescribed burn areas, log sorting & storage. Note: cultivation of Christmas trees is agriculture.   | <b>..J110</b> | <b>Gravel Extraction</b><br>Gravel extraction.   |
|              |  | <b>.J200</b>  | <b>Petroleum Extraction</b><br>Petroleum pumping, tailings and waste handling, placer mining,  |
|              |  | <b>.J300</b>  | <b>Exploration</b><br>Seismic networks.  |



## Definitions: Agricultural Availability and Land Use Classifications

*Definitions of the Land Use Classifications.*

*Corresponds to flowchart on page 9 & 10.*

|              |   |               |   |
|--------------|---|---------------|---|
| <b>K000</b>  | <b>Protected Area / Ecological Reserve</b><br>Includes most provincial parks, other park or reserve in place to protect natural qualities. With or without passive recreation: hiking, nature viewing, camping, small interpretive. Use Recreation & Leisure category (R000) if human use is primary (most municipal and regional parks). | <b>R000</b>   | <b>Recreation &amp; Leisure</b>   |
| <b>.K100</b> | <b>Designated Park or Reserve</b>   | <b>.R100</b>  | <b>Recreation &amp; Leisure - Intensive</b><br>Designated use or facility-based recreation. Includes municipal & regional parks used for recreation, picnic areas, zoos, sports fields, gardens, golf courses, indoor sports facilities, sports tracks, courts, shooting ranges, fairgrounds, amusement parks, campgrounds. |
| <b>.K200</b> | <b>Designated Green Space</b><br>Often maintained as a buffer between land uses to increase livability and to support local wildlife.   | <b>..R110</b> | <b>Parks, Zoos, Fields, Gardens</b><br>Usually characterised by distinct boundaries. Regional or municipal parks, picnic areas, zoos, sports fields, gardens.   |
| <b>.K300</b> | <b>Wildlife Management</b><br>Wildlife reserve, managed breeding area, fishing areas, fish ladders / hatcheries, wild shellfish harvest areas.  | <b>..R120</b> | <b>Golf</b><br>Golf courses, driving range, mini golf.  |
| <b>Q000</b>  | <b>First Nations</b><br>If Reserve land is leased to non band members, describe actual use (i.e., S110) as primary use and Q000 as secondary use.   | <b>..R130</b> | <b>Rinks, Tracks, Courses</b><br>Recreation facilities, swimming pools, sports tracks, courts, race courses, shooting ranges (indoor or outdoor).   |
| <b>.Q100</b> | <b>Band Settlement</b><br>Band infrastructure, housing, administration, assembly. If Reserve land is leased to non band members, describe actual use (i.e., S110) as primary use and Q000 as secondary use.   | <b>..R140</b> | <b>Walking, Biking</b><br>Surfaced walking or biking trails or corridors, paved or gravel.  |
| <b>.Q200</b> | <b>Traditional Use</b><br>Ceremonial, food & material harvesting, cultural landform.  | <b>..R150</b> | <b>Fairgrounds, Amusement Parks</b>   |
|              |   | <b>..R160</b> | <b>Camping</b><br>Campgrounds, tourist trailer parks, youth summer camps. Use S210 for commercial lodges (hunting, fishing).  |
|              |   | <b>.R200</b>  | <b>Recreation &amp; Leisure - Extensive</b><br>Recreational land uses where elements of the natural landscape, such as vegetation or topography, or use of a natural resource, such as water, is integral. Large recreation lots with or without seasonally occupied cabins, horseback riding, wilderness camping.          |

## Definitions: Land Use Classification

*Definitions of the Land Use Classifications.*

*Corresponds to flowchart on page 9 & 10.*

|               |  |               |  |
|---------------|--|---------------|--|
| <b>S000</b>   | <b>Human Settlement</b>  | <b>.S300</b>  | <b>Industrial</b>  |
| <b>.S100</b>  | <b>Residential</b>   | <b>..S310</b> | <b>Industrial - Light</b><br>Light industrial, including workshops (small shops to service/store industrial equipment, usually related to residential), small sawmills to process on parcel fibre source, and storage for small equipment, truck parking, or vehicle repairs (usually relate |
| <b>..S110</b> | <b>Family Household</b><br>Family household residential use. Includes single family houses, apartments, condominiums, mobile home parks, townhouses, seasonal residential, etc. Use R160 for campgrounds. Use S210 for hotels, motels, or other short-term tourist / transient housing.      | <b>..S320</b> | <b>Industrial – Medium, Heavy</b><br>Infrastructure or material intensive. Includes manufacturing and processing facilities, oil & gas storage, outdoor equipment / material storage, auto wreckers.   |
| <b>..S150</b> | <b>Institutional Living</b><br>Housing for the elderly, retirement housing, congregate living, assisted living, life care housing.   | <b>..S330</b> | <b>Industrial – Agriculture Related (Off Farm)</b><br>Food processing facilities (off farm), winery (off farm), slaughterhouse, grain bin manufacturing, implement manufacturing, grain handling, feed mill.   |
| <b>.S200</b>  | <b>Commercial &amp; Service</b>  | <b>.S400</b>  | <b>Institutional, Community</b><br>Includes government & first nations administration, churches, cemeteries, hospitals & medical centers, health services, education facilities, correctional facilities. Use R160 for youth summer camps.   |
| <b>..S210</b> | <b>Retail, Services</b><br>Retail sales and services. Includes pet kennels, hotels, motels, or other tourist / transient housing for short term rental. May include home business that are clearly incidental, and are entirely contained within a dwelling or a building accessory to a ??? | <b>..S410</b> | <b>Government</b>  |
| <b>..S220</b> | <b>Wholesale</b><br>Wholesale and warehousing.   | <b>..S420</b> | <b>Religious</b><br>Includes cemetery.   |
| <b>..S240</b> | <b>Cultural and Entertainment</b><br>Music festival, films, galleries, museums, zoos, aquarium, professional sporting events.  | <b>..S430</b> | <b>Medical</b>   |
| <b>..S250</b> | <b>Commercial &amp; Service – Agriculture (Off Farm)</b><br>Auction services, implement dealer \ repair, veterinary services, fertilizer sales, pesticide sales, equipment sales.  | <b>..S440</b> | <b>Educational</b>   |
|               |  | <b>..S450</b> | <b>Correctional</b>  |

## Definitions: Land Use Classification

*Definitions of the Land Use Classifications.*

*Corresponds to flowchart on page 9 & 10.*

|               |  |               |  |
|---------------|--|---------------|--|
| <b>.S500</b>  | <b>Transportation &amp; Communication</b><br>Includes highways, railways, airports, marinas & docks, telecommunication facilities, marine passenger and shipping, parking.   | <b>.S600</b>  | <b>Utilities</b><br>Includes energy transportation & distribution, solid & liquid waste facilities, domestic water tanks and distribution.   |
| <b>..S510</b> | <b>Vehicle</b><br>Use only when road is the dominant use. Includes pavement, right-of-way and parking that is not supporting another use. Roadways are not included as land use except for limited-access freeways, highways and divided surface roadways.                   | <b>..S610</b> | <b>Energy Transmission</b><br>Transmission corridors, right of ways, electrical substations, and gas relay. Use only where Right of Way clearing is the dominant land use, such as corridors through wooded areas or urban areas. A transmission line through cultivated field or open water would not be identified here. |
| <b>..S520</b> | <b>Rail</b><br>Mainline tracks, passenger stations, switching yards, roundhouses, and other repair and maintenance facilities. Spurs to individual industrial sites would not be included unless they are withing the railroad right-of-way.                                 | <b>..S620</b> | <b>Water, Waste</b><br>Municipal water, sewage treatment, water storage towers, water control structures, transfer stations, sewage lagoons.   |
| <b>..S530</b> | <b>Air</b><br>Facilities associated with the transportation functions of an airports, airfields, or landing strips. Runways, terminal buildings and adjacent parking areas, hangers, service buildings, car rental facilities, navigational towers, fuel storage and all mow | <b>.S700</b>  | <b>Military</b><br>Includes military training, testing, other.   |
| <b>..S540</b> | <b>Water</b><br>Port terminals, raw material stockpiles, shipyards, ferry landings, lock, lighthouses, coast guard stations. Port facilities at industrial complexes and quarry operations. Marine passenger, shipping. Use S540 for recreation boating facilities.          | <b>U000</b>   | <b>Unused &amp; Land in Transition</b>   |
| <b>..S550</b> | <b>Telecommunications</b><br>Radio, television, and microwave towers as well as broadcast stations. Telephone line easements are not of sufficient width to be defined as a separate land use.   | <b>.U100</b>  | <b>No Apparent Non-Agriculture Use</b><br>No apparent NON-AGRICULTURE human use: includes land ONLY used for agriculture, natural areas, long term fallow land, cleared land not in production, abandoned or neglected land, abandoned or unused structures.   |
|               |  | <b>.U200</b>  | <b>Land in Transition</b><br>Developed land in transition, future change likely to occur. Includes construction site, tree removal, demolished buildings.  |
|               |  | <b>W000</b>   | <b>Water Management</b><br>Water, water features, or water management features. Includes reservoirs, managed wetland, dyke parcels, land which provides natural flood/erosion protection (land outside dyke)   |
|               |  | <b>.W100</b>  | <b>Control / Distribution – Ditches, Dykes</b><br>Includes reservoirs  |
|               |  | <b>.W200</b>  | <b>Flood / Erosion Protection - Foreshore</b><br>Land used to provide flood/erosion protection (land outside dyke), managed wetland  |

# Definitions: Agricultural Activities

# LIVESTOCK

Definitions of the Livestock Agricultural Activities, particular to Unidentified, Conventional, or Specialty livestock. Corresponds to flowchart found on page 11.

|                |  |               |  |
|----------------|--|---------------|--|
| <b>L000</b>    | <b>Livestock</b>   | <b>..L230</b> | <b>Horse (Meat)</b><br>Excludes equestrian stock.  |
| <b>..L100</b>  | <b>Unidentified</b><br>Livestock related structures present so livestock operation is assumed but livestock type can not be identified (livestock not seen). New for 2012.   | <b>..L240</b> | <b>Swine</b><br>Hogs. Barns containing intensive hog operations are typically wider and have more feed storage than poultry barns. Typically with large round vents along sides/ends and ramps to move large hogs. |
| <b>..L200</b>  | <b>Conventional livestock</b>  | <b>..L250</b> | <b>Sheep / Lamb</b>  |
| <b>..L210</b>  | <b>Dairy</b><br>Typically a Holstein breed with irregular black markings. May also be other breeds such as Jersey, Brown Swiss, etc.   | <b>..L260</b> | <b>Goat</b><br>Short-haired domesticated mammal with small horns.  |
| <b>...L211</b> | <b>Milking</b><br>Lactating cow herd with active milking. Dry cows or replacement calves or heifers may be present. Usually identified by presence of milk tank / house. Barn is typically wider than poultry or hog barns.  | <b>..L270</b> | <b>Llama</b>   |
| <b>...L212</b> | <b>Dry Cow</b><br>Cows between lactating cycles or replacement calves and heifers.   | <b>..L280</b> | <b>Alpaca</b>  |
| <b>...L219</b> | <b>Other (Specify)</b>   | <b>..L290</b> | <b>Mixed Conventional</b><br>Mix of various conventional livestock types - backyard or small scale only - Use for small HOBBY FARMS ONLY.  |
| <b>..L220</b>  | <b>Beef</b>  | <b>..L300</b> | <b>Specialty Livestock</b>   |
| <b>...L221</b> | <b>Cow / Calf</b><br>Operations that maintain cow herds and raise calves from birth to weaning (six to eight months). At weaning, calves are often moved to a backgrounding or feedlot operations but may also be kept for one more season. Rangelands are utilized extensively. | <b>..L310</b> | <b>Muskox</b>  |
| <b>...L222</b> | <b>Back Grounding</b><br>Operations that raise calves over 6 months. In summer, cattle are often on the range but are fed over winter. At 12 to 20 months, calves go to a finishing operation.   | <b>..L320</b> | <b>Deer, Fallow</b>  |
| <b>...L223</b> | <b>Finishing</b><br>Includes feedlots. Large animals being finished for market - usually in a confined feeding environment such as numerous tightly confined paddocks with high concentration of livestock.  | <b>..L330</b> | <b>Reindeer</b>  |
| <b>...L229</b> | <b>Other (Specify)</b>   | <b>..L340</b> | <b>Bison</b><br>Bison can jump several times higher than other domesticated farm animals, therefore Bison operations exhibit very strong, high fences.   |
|                |  | <b>..L350</b> | <b>Elk</b>   |
|                |  | <b>..L360</b> | <b>Game Bird</b><br>Includes partridge, pheasant, pigeon, quail.   |
|                |  | <b>..L370</b> | <b>Ratite</b><br>Includes emu, ostrich, rhea, peacock.   |
|                |  | <b>..L380</b> | <b>Fur Bearing</b>   |
|                |  | <b>..L390</b> | <b>Mixed Specialty - HOBBY</b><br>Mix of various specialty livestock types - backyard or small scale only - Use for small HOBBY FARMS ONLY.  |

## Definitions: Agricultural Activities

## LIVESTOCK

Definitions of the Livestock Agricultural Activities, particular to Poultry, Equine or Other livestock.

Corresponds to flowchart found on page 11.

|                |   |                |   |
|----------------|---|----------------|---|
| <b>.L400</b>   | <b>Poultry</b><br>Poultry operation where the specific poultry type cannot be positively identified. Usually identified by biosecurity signage and the presence of long narrow buildings (perhaps 2 storey) with numerous vents along the sides and/or top. Small grain bins. | <b>.L700</b>   | <b>Equine</b><br>Equine related structures present so equine operation is assumed but equine type can not be identified.  |
| <b>..L410</b>  | <b>Chicken</b>  | <b>..L710</b>  | <b>Horse</b><br>Regular size horse or foal  |
| <b>...L411</b> | <b>Broiler</b>  | <b>..L720</b>  | <b>Pony</b><br>Small size horse or foal   |
| <b>..L412</b>  | <b>Layer</b>  | <b>..L730</b>  | <b>Miniature Horse</b><br>Very small size horse or foal   |
| <b>...L413</b> | <b>Breeder (Broiler / Layer)</b>  | <b>..L740</b>  | <b>Donkey</b>   |
| <b>...L414</b> | <b>Pullet (Broiler / Layer)</b>   | <b>..L750</b>  | <b>Mule</b>   |
| <b>...L415</b> | <b>Hatchery</b>   | <b>..L760</b>  | <b>Draft Horse</b><br>ex. Belgian or Clydesdale. Large horse used for labour.   |
| <b>...L419</b> | <b>Other (Specify)</b>  | <b>..L770</b>  | <b>Mixed Equine</b><br>Check out L790. Variety of equine types present. If type of equine can not be determined, use L700.  |
| <b>..L420</b>  | <b>Turkey</b><br>A large domesticated bird with white plumage.  | <b>..L790</b>  | <b>Mixed Equine - Hobby</b><br>Variety of equine types. Backyard or small scale only - Use for small HOBBY FARMS ONLY. If type of equine can not be determined, use L700. |
| <b>...L421</b> | <b>Meat</b>   | <b>.L900</b>   | <b>Other livestock</b>  |
| <b>...L422</b> | <b>Breeder</b>  | <b>...L909</b> | <b>Specify</b>  |
| <b>...L424</b> | <b>Hatchery</b>   | <b>..L990</b>  | <b>Mixed Other - HOBBY</b><br>Wide mix of livestock types - backyard or small scale only - Use for small HOBBY FARMS ONLY.  |
| <b>...L429</b> | <b>Other (Specify)</b>  |                |   |
| <b>..L430</b>  | <b>Duck</b>   |                |   |
| <b>..L440</b>  | <b>Goose</b>  |                |   |
| <b>..L490</b>  | <b>Mixed Poultry - HOBBY</b><br>Mix of various poultry types - backyard or small scale only - Use for small HOBBY FARMS ONLY.   |                |   |

## Definitions: Agricultural Activities

## LIVESTOCK - CONFINEMENT / STRUCTURE

*Definitions of the livestock confinement structures or other structures in agricultural activities.*

*Corresponds to Agricultural Activities - Livestock (L100-L400, L700, L900) flowchart found on page 11.*

|             |                             |
|-------------|-----------------------------|
| <b>A200</b> | <b>Livestock Structures</b> |
|-------------|-----------------------------|

|             |                             |
|-------------|-----------------------------|
| <b>A210</b> | <b>Intensive Facilities</b> |
|-------------|-----------------------------|

Specialized structures designed for confined feeding at high stocking density.

|             |                            |
|-------------|----------------------------|
| <b>A220</b> | <b>Feedlot / Stockyard</b> |
|-------------|----------------------------|

An enclosed area for intensive livestock confinement - usually with numerous tightly confined paddocks and corrals.

|             |                                 |
|-------------|---------------------------------|
| <b>A230</b> | <b>Non-Intensive Facilities</b> |
|-------------|---------------------------------|

General, non-intensive facilities that house or confine equines or livestock - barn, shelter, corral / paddock. Includes small equine shelter. Corrals/paddocks are developed fenced areas that do usually do not allow grazing due to size or lack of grass.

|             |                                |
|-------------|--------------------------------|
| <b>A250</b> | <b>Field / Pasture Fencing</b> |
|-------------|--------------------------------|

Includes any type of fence used for more extensive livestock confinement for grazing - barbed-wire, electric, wood - permanent, temporary. Use A230 for more corral / paddocks - smaller areas that usually do not allow grazing.

|             |                              |
|-------------|------------------------------|
| <b>A280</b> | <b>Equestrian Facilities</b> |
|-------------|------------------------------|

Specialized structures for housing, training, & competing equids. Includes stables, riding rings, racetracks, spectator arena.

|             |                        |
|-------------|------------------------|
| <b>A290</b> | <b>Other (Specify)</b> |
|-------------|------------------------|

## Definitions: Agricultural Activities

## LIVESTOCK - SCALE

*Definitions of the scales applicable to livestock agricultural activities. Based on the number of Animal Unit Equivalents (1 AUE = 1 cow or 1 cow/calf pair). Corresponds to Agricultural Activities - Livestock (L100-L400, L700, L900) flowchart found on page 11.*

|           |  |
|-----------|--|
| <b>B</b>  | <b>Very Small Scale</b><br>1 AUE. Probably would NOT qualify for farm class. Approximately 1 cow or horse or bison, 3 hogs, 5 goats or deer or sheep, 50 turkeys, 100 chickens. (1 animal unit equivalent). Estimated using animal counts and/or livestock related infrastructure. |
| <b>S</b>  | <b>Small Scale</b><br>2-25 AUE. May qualify for farm class. LESS THAN 25 cows or horses or bison, 75 hogs, 125 goats or deer or sheep, 1250 turkeys, 2500 chickens (2 - 25 animal unit equivalents). Estimated using animal counts and/or livestock related infrastructure.        |
| <b>M</b>  | <b>Medium Scale</b><br>25-100 AUE. LESS THAN 100 cows or horses or bison, 300 hogs, 500 goats or deer or sheep, 5,000 turkeys, 10,000 chickens (25 - 100 animal unit equivalents). Estimated using animal counts and/or livestock related infrastructure.                          |
| <b>L</b>  | <b>Large Scale</b><br>100-400 AUE. LESS THAN 400 cows or horses or bison, 1200 hogs, 2000 goats or deer or sheep, 20,000 turkeys, 40,000 chickens (over 100 - 400 animal unit equivalents). Estimated using animal counts and/or livestock related infrastructure.                 |
| <b>L1</b> | <b>Very Large Scale</b><br>400-1000 AUE. LESS THAN 1000 cows or horses or bison, 3000 hogs, 5000 goats or deer or sheep, 50,000 turkeys, 100,000 chickens (over 400 - 1000 animal unit equivalents). Estimated using animal counts and/or livestock related infrastructure.        |
| <b>L2</b> | <b>Very Very Large Scale</b><br>>1000 AUE. GREATER THAN 1000 cows or horses or bison, 3000 hogs, 5000 goats or deer or sheep, 50,000 turkeys, 100,000 chickens (over 1000 animal unit equivalents). Estimated using animal counts and/or livestock related infrastructure.         |

## Definitions: Agricultural Activities

## APICULTURE

*Definitions of the Apiculture Agricultural Activities.*

*Corresponds to flowchart on page 12.*

|                |                        |
|----------------|------------------------|
| <b>.L500</b>   | <b>Bees</b>            |
| <b>..L510</b>  | <b>Bees</b>            |
| <b>...L519</b> | <b>Other (specify)</b> |

## Definitions: Agricultural Activities - Apiculture

## SCALE

*Definitions of the scales applicable to apiculture agricultural activities.*

*Scale corresponds to Agricultural Activities - Apiculture, found on page 12.*

|          |   |
|----------|---|
| <b>S</b> | <b>Small Apiary</b><br>A small colony placed for seasonal pollination or a small permanent bee yard usually associated with organic farms. Hives usually present at this site during growing season.                  |
| <b>M</b> | <b>Medium Apiary</b><br>Usually a permanent bee yard intended to generate honey or beeswax for sale to small local markets and provide seasonal contract pollination. Hives may not be present during growing season. |
| <b>L</b> | <b>Large Apiary</b><br>Permanent bee yard intended to generate bulk amounts of honey or beeswax for off-farm sale and provide extensive contract pollination. Hives may not be present during growing season.         |



## Definitions: Agricultural Activities

## AQUACULTURE

Definitions of the Aquaculture Agricultural Activities.

Corresponds to flowchart on page 12.

|                |                           |                |  |
|----------------|---------------------------|----------------|--|
| <b>.L600</b>   | <b>Aquaculture</b>        | <b>..L630</b>  | <b>Marine Plants</b><br>Plants produced in the sea / ocean (salt water).   |
| <b>..L610</b>  | <b>Finfish</b>            | <b>...L639</b> | <b>Specify</b><br>Plants produced in the sea / ocean (salt water).   |
| <b>...L611</b> | <b>Growout</b>            | <b>..L640</b>  | <b>Mixed Marine</b><br>Mix of plants / fish produced in the sea / ocean (salt water).  |
| <b>...L612</b> | <b>Hatchery</b>           | <b>...L649</b> | <b>Specify</b><br>Mix of plants / fish produced in the sea / ocean (salt water).   |
| <b>...L613</b> | <b>Hatchery / Growout</b> | <b>..L690</b>  | <b>Mixed Aquaculture - HOBBY</b><br>Mix of various aquaculture types - backyard or small scale only - Use for small HOBBY FARMS ONLY |
| <b>...L619</b> | <b>Other (Specify)</b>    | <b>...L699</b> | <b>Specify</b>   |
| <b>..L620</b>  | <b>Shellfish</b>          |                |  |
| <b>...L621</b> | <b>Growout</b>            |                |  |
| <b>...L622</b> | <b>Hatchery</b>           |                |  |
| <b>...L623</b> | <b>Hatchery / Growout</b> |                |  |
| <b>...L629</b> | <b>Other (Specify)</b>    |                |  |

## Definitions: Agricultural Activities - Aquaculture

## SCALE

Definitions of the scales applicable to aquaculture agricultural activities.

Scale corresponds to Agricultural Activities - Aquaculture, found on page 12.

|          |   |
|----------|---|
| <b>S</b> | <b>Small Scale</b><br>Can generate a limited amount of product or services for sale. Management requires less than one full time worker.                    |
| <b>M</b> | <b>Medium Scale</b><br>Can generate product or services for sale to small local markets. Can distribute without utilizing commercial distribution network.  |
| <b>L</b> | <b>Large Scale</b><br>Can generate bulk amounts of product or services for off-farm sale. Usually requires utilization of commercial distribution networks. |

## Definitions: Agricultural Activities

## SUPPORT STRUCTURES

Definitions of the Support Structures found in Agricultural Activities.

Corresponds to flowchart on page 13.

|         |  |         |   |
|---------|--|---------|---|
| .A800   | Storage, Compost, Manure   | ..A840  | <b>Other Storage</b><br>Garage or equipment storage, hazardous material or fuel storage, etc.   |
| ..A810  | <b>Feed Storage</b><br>feed storage  | ...A841 | <b>Garage / equipment</b>   |
| ...A811 | <b>Silage Storage</b><br>feed storage  | ...A842 | <b>Hazardous material</b>   |
| ...A812 | <b>Hayshed</b><br>feed storage   | ...A843 | <b>Propane storage</b>  |
| ...A813 | <b>Granary, Grain Bin</b><br>feed storage  | ...A849 | <b>Specify</b>  |
| ...A819 | <b>Other (Specify)</b><br>feed storage   | ..A850  | <b>Compost</b><br>Permanent structure or location for active composting and storage of raw materials and/or finished compost.         |
| ..A820  | <b>Crop Storage</b><br>fruits and vegetables storage   | ...A851 | <b>Facility</b><br>Permanent structure or location for active composting and storage of raw materials and/or finished compost.        |
| ...A821 | <b>Refrigerated</b><br>fruits and vegetables storage, refrigerated   | ...A852 | <b>Pile on Pad</b><br>Permanent structure or location for active composting and storage of raw materials and/or finished compost.     |
| ...A822 | <b>Non-Refrigerated</b><br>fruits and vegetables storage, non refrigerated   | ...A859 | <b>Other (Specify)</b><br>Permanent structure or location for active composting and storage of raw materials and/or finished compost. |
| ...A829 | <b>Other (specify)</b>   |         |   |
| ..A830  | <b>Woodwaste</b><br>includes hog fuel, mill ends, wood chips, bark and sawdust. It does not include demolition waste, construction waste, tree stumps, branches or logs. |         |   |
| ...A831 | <b>Facility, Covered</b>   |         |   |
| ...A833 | <b>Facility, Uncovered</b>   |         |   |
| ...A839 | <b>Other (Specify)</b>   |         |   |

## Definitions: Agricultural Activities

## SUPPORT STRUCTURES

*Definitions of the Support Structures found in Agricultural Activities.*

*Corresponds to flowchart on page 13.*

|         |   |
|---------|---|
| ..A860  | <b>Manure</b><br>Permanent structure or location designed and operated to store and/or treat manure.          |
| ...A861 | <b>Facility</b><br>Permanent structure or location designed and operated to store and/or treat manure.        |
| ...A862 | <b>Tank</b><br>Permanent structure or location designed and operated to store and/or treat manure.            |
| ...A863 | <b>Pad</b><br>Permanent structure or location designed and operated to store and/or treat manure.             |
| ...A864 | <b>Concrete Lagoon</b><br>Permanent structure or location designed and operated to store and/or treat manure. |
| ...A865 | <b>Earthen Lagoon</b><br>Permanent structure or location designed and operated to store and/or treat manure.  |
| ...A866 | <b>Bin</b><br>Permanent structure or location designed and operated to store and/or treat manure.             |
| ...A869 | <b>Other (Specify)</b><br>Permanent structure or location designed and operated to store and/or treat manure. |

## Definitions: Agricultural Activities

## SUPPORT STRUCTURES - SCALE

*Definitions of the scales applicable to support structures found in agricultural activities.*

*Scale corresponds to Agricultural Activities - Support Structures, found on page 13.*

|          |   |
|----------|---|
| <b>S</b> | <b>Small Scale</b><br>Will only support small scale agriculture production.     |
| <b>M</b> | <b>Medium Scale</b><br>Intended to support medium scale agriculture production. |
| <b>L</b> | <b>Large Scale</b><br>Intended to support large scale agriculture production.   |

## Definitions: Agricultural Activities

## VALUE ADDED

*Definitions of the Value Added Agricultural Activities.*

*Corresponds to flowchart on page 14.*

|                |  |                |   |
|----------------|--|----------------|---|
| <b>..A900</b>  | <b>Value Added</b><br>At least 50% of the commodity utilized must be produced on farm. If not, use Other Use.  | <b>..A920</b>  | <b>Direct Sales</b><br>Activities that support direct sales to the public. At least 50% of product for sale should be grown on the farm unit.   |
| <b>...A910</b> | <b>Processing</b><br>Activity that maintains or raises the quality or alters the physical or chemical characteristics of a raw farm commodity, or adds value to it in any way. At least 50% of raw commodity should be grown on the farm unit. | <b>...A921</b> | <b>Permanent Retail Store</b><br>Permanent store that is open all year.   |
| <b>...A911</b> | <b>Crop Processing</b><br>Includes grain milling, oilseed crushing, or berry freezing. Activity must include more than crop washing.   | <b>...A922</b> | <b>Seasonal Store (Stand)</b><br>Permanent store or stand front that is only open seasonally. Usually a semi-open structure located away from the farmstead. Usually requires one full time staff while open. If unmanned, use A925, farm gate. |
| <b>...A912</b> | <b>Meat Processing</b><br>Look for signs on the road or at the parcel entrance for clues.  | <b>...A923</b> | <b>U-Pick</b><br>A farm that provides opportunity for customers to pick their own fruits directly from the plant. Look for signs on the road or farm entrance.  |
| <b>...A913</b> | <b>Dairy Processing</b>  | <b>...A924</b> | <b>Food / Beverage Service</b><br>Restaurant or take out type service.  |
| <b>...A914</b> | <b>Egg Sorting / Grading</b>   | <b>...A925</b> | <b>Farm Gate</b><br>Includes temporary stands, coolers, and other farm gate sales. Limited product selection (no off farm products), sometimes run on honour system. Run by a farmer with limited or no set hours.                              |
| <b>...A915</b> | <b>Wine / Cider Processing</b>   | <b>...A929</b> | <b>Other (Specify)</b>  |
| <b>...A916</b> | <b>Kitchen / Bakery</b>  |                |   |
| <b>...A917</b> | <b>Fish Processing / Cannery</b>   |                |   |
| <b>...A918</b> | <b>Honey / Wax Processing</b><br>Honey or beeswax processing, packaging for retail sales. Note: collection or extraction is NOT value added.   |                |   |
| <b>...A919</b> | <b>Other (specify)</b>   |                |   |

## Definitions: Agricultural Activities

## VALUE ADDED

*Definitions of the Value Added Agricultural Activities.*

*Corresponds to flowchart on page 14.*

|                |  |                |  |
|----------------|--|----------------|--|
| <b>..A930</b>  | <b>Agritourism</b><br>Visitors to the operation for the purpose of recreation, education or active involvement in the operation - a tourism experience. Must be in a farm setting and secondary to primary agricultural operation. | <b>...A935</b> | <b>Campsite</b>  |
| <b>...A931</b> | <b>Corn Maze</b>   | <b>...A936</b> | <b>Tours</b><br>Winery, orchard, alpaca tours.   |
| <b>...A932</b> | <b>Petting Zoo</b>   | <b>...A937</b> | <b>Guest Ranch</b><br>Guest facilities with horse farm offering equestrian related activities. |
| <b>...A933</b> | <b>Seasonal Events</b><br>Farm festivals, pumpkin patch, etc.  | <b>...A938</b> | <b>Equine Rental</b><br>Trail riding, outfitting.  |
| <b>...A934</b> | <b>Guest House</b><br>Farm based bed & breakfast accommodation.  | <b>...A939</b> | <b>Other (Specify)</b>   |

## Definitions: Agricultural Activities

## VALUE ADDED - SCALE

*Definitions of the scales applicable to value added agricultural activities.*

*Scale corresponds to Agricultural Activities - Value Added, found on page 14.*

|          |   |
|----------|---|
| <b>S</b> | <b>Small Scale</b><br>Temporary roadside fruit stand, small field U-pick, or egg sales from backyard flock, 2 or less tourist accommodation spots. Predominantly single household endeavour. Management requires less than one full time worker.                      |
| <b>M</b> | <b>Medium Scale</b><br>Scale sufficient to add value to on farm products for sale to small local markets or serve a moderate number of people. Designated parking for customers. Management requires at least one full time worker. 3-10 tourist accommodation spots. |
| <b>L</b> | <b>Large Scale</b><br>Scale intended to add value to large amounts of on farm generated products or serve large numbers of people. Over 10 tourist accommodation spots. Requires multiple workers to operate value added component of operation.                      |

## Definitions: Agricultural Activities

## SMALL AGRICULTURE

*Definitions of the agricultural activities associated with small, plant-based agriculture.*

*Corresponds to flowchart on page 15.*

|          |  |
|----------|--|
| <b>F</b> | <b>Fruit Garden</b><br>Parcels with fruit garden <500 sq meters. Limited investment in agriculture. Predominantly single household endeavour. Management requires less than one full time worker.      |
| <b>G</b> | <b>Greenhouse</b><br>Parcels with greenhouse <500 sq meters  |
| <b>M</b> | <b>Mixed Garden</b><br>Parcels with mixed garden <500 sq meters. Limited investment in agriculture. Predominantly single household endeavour. Management requires less than one full time worker.      |
| <b>V</b> | <b>Veggie Garden</b><br>Parcels with vegetable garden <500 sq meters. Limited investment in agriculture. Predominantly single household endeavour. Management requires less than one full time worker. |

## Definitions: Agricultural Activities

## SMALL AGRICULTURE - SCALE

*Definitions of the scales applicable to small, plant-based agricultural activities.*

*Scale corresponds to Agricultural Activities – Small Agriculture, found on page 15.*

|          |  |
|----------|--|
| <b>B</b> | <b>Very Small Scale</b><br>< 100 square meters |
| <b>S</b> | <b>Small Scale</b><br>100 - 250 square meters  |
| <b>M</b> | <b>Medium Scale</b><br>250 - 400 square meters |
| <b>L</b> | <b>Large Scale</b><br>400 - 500 square meters  |

## Definitions: Agricultural Activities

## CROP PRODUCTION

Definitions of the agricultural activities associated with crop production.

Corresponds to crop cover types found on pages 3 & 4 but applied at parcel scale. There is no scale associated with Crop Production Agricultural Activities.

|         |   |
|---------|---|
| .P100   | Agricultural Use Practices  |
| ..P120  | <b>Wildlife Scare Device</b>  |
| ...P122 | <b>Electronic Noise</b>   |
| ...P123 | <b>Propane Exploder</b><br>Propane cannon.  |
| ...P124 | <b>Visual Device</b><br>Bright, shinny spinners or streamers.   |
| ...P129 | <b>Other (Specify)</b>  |
| ..P130  | <b>Organic</b>  |
| ...P139 | <b>Specify</b>  |
| ..P140  | <b>Physical Wildlife Barrier</b>  |
| ...P141 | <b>Wildlife Fencing</b><br>e.g. deer fencing, sheep fencing (double fence), electric fencing (primarily for bears). |
| ...P142 | <b>Netting</b>  |
| ...P149 | <b>Other (Specify)</b>  |

|         |   |
|---------|---|
| ..P150  | <b>Temp / Light Control</b>   |
| ...P151 | <b>Shade Cloth</b><br>Overhead cloth installed to control the amount of sunlight admitted to plants and may provide a physical wildlife barrier.  |
| ...P152 | <b>Tunnel / Floating Cover</b><br>Non-permanent poly cover.   |
| ...P153 | <b>Wind Machine</b><br>Moves air in spring and fall to protect grapes and tender fruit crops from cold injury.  |
| ...P159 | <b>Other (Specify)</b>  |
| ..P160  | <b>Alley Cropping</b><br>Widely spaced rows of trees or shrubs (grown for fibre or boughs) with a wide variety of crops grown between. Ex. alternative crops grown between hawthorn shrub rows or grass seed crops between poplars. |
| ...P169 | <b>Specify</b>  |
| ..P170  | <b>Silvopasture</b><br>Integrated management of livestock, forages and trees. Ex. cattle grazing in Christmas tree stands and sheep used for vegetation management in forest plantations.   |
| ...P179 | <b>Specify</b>  |
| ..P180  | <b>Forest Farming</b><br>Forested systems managed for both timber and non-timber crops. Ex. tapping bigleaf maple in woodlots for syrup production or culturing huckleberries in the understory of a selectively harvested forest.  |
| ...P189 | <b>Specify</b>  |
| ..P190  | <b>Other Practice</b>   |
| ...P199 | <b>Specify</b>  |





# **APPENDIX**



I300 Sprinkler

I310 Handline



I330 Solid Set



I330 Solid Set



I332 Overtree



I320 Wheelline



I340 Microsprinkler



I350 Tripod / Cart / Sprinkler



I400 Centre Pivot



I410 Sprinkler

I420 Low Pressure Spray



I500 Giant Gun

I510 Stationary Gun



I520 Travelling Gun



I530 Solid Set Gun



I600 Trickle

I610 Drip Emmitter

I610 Drip Emmitter

I620 Spray Emmitter

I612 On Ground

I613 Hanging

I620 Spray Emmitter

I621 On Ground



I620 Spray Emmitter

I631 Linear Tape

I622 Hanging

I622 With Plastic Mulch

I700 Landscape Sprinkler

