

AgFocus Quick Reference Guide

TO CONDUCTING A LAND USE INVENTORY

April 2024 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)

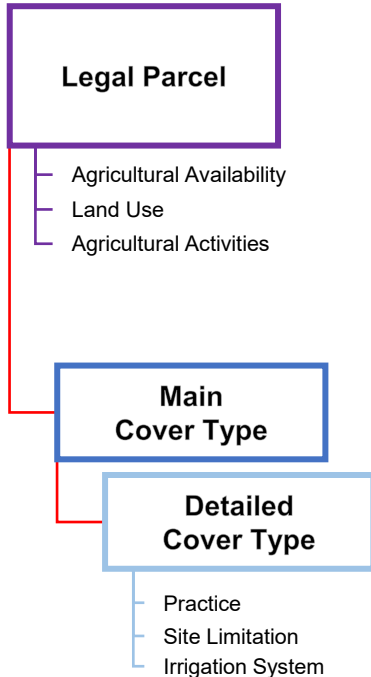
Land Use

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.

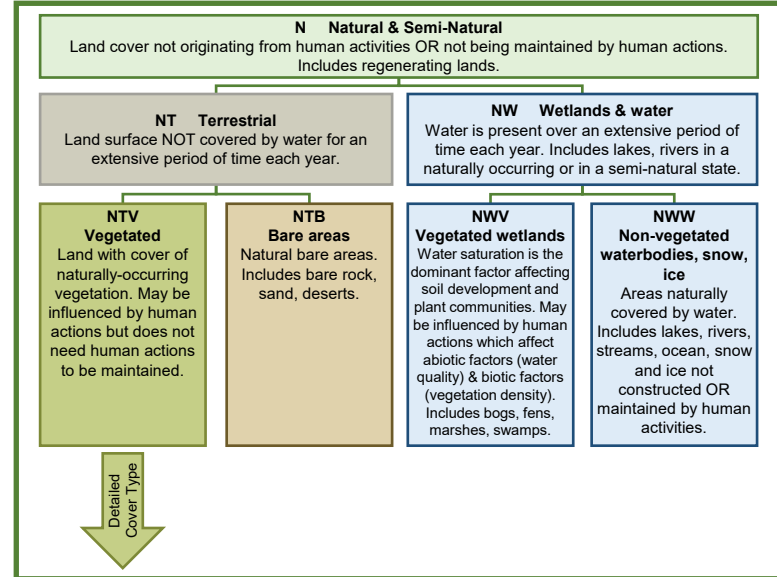
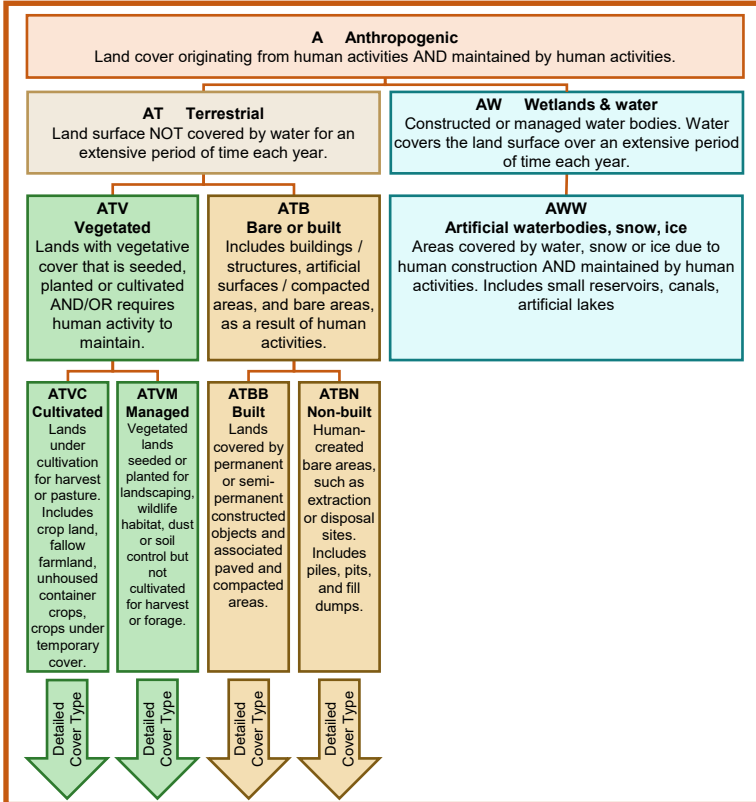
LAND COVER CLASSIFICATIONS

Land Cover Classification

MAIN COVER TYPE

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

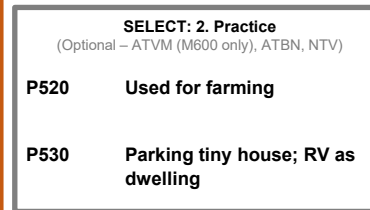
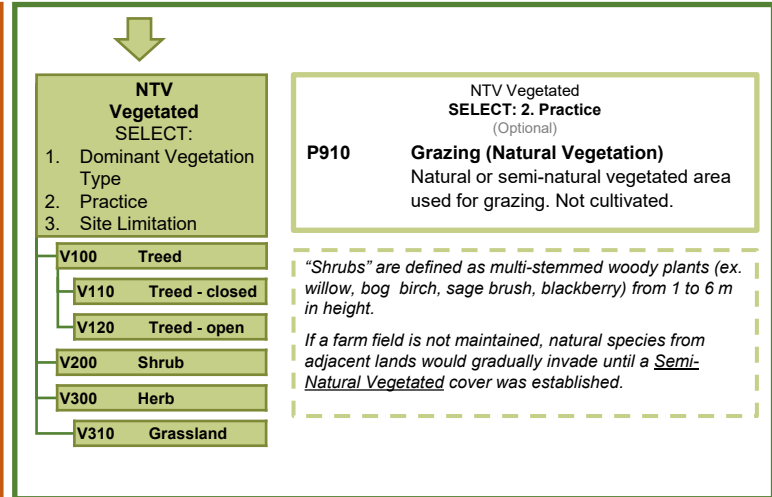
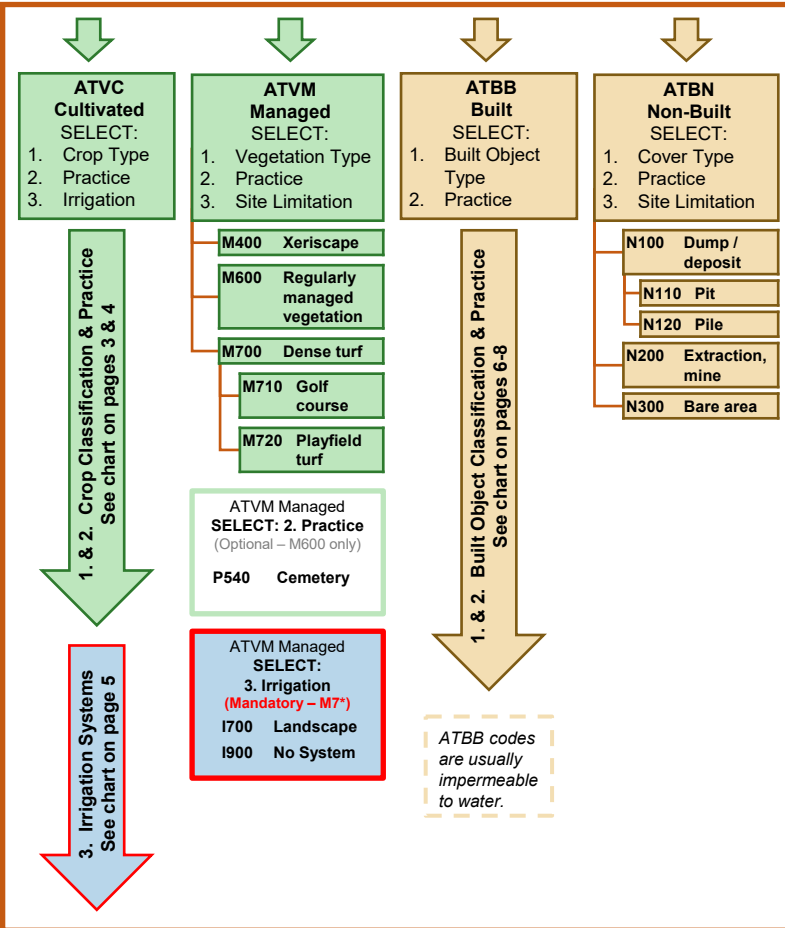
1. At every level of the flowchart, select the code that best describes the polygon until you have reached the lowest level possible.
2. For the main cover types (ATVC, ATVM, ATBB, ATBN, NTV), follow the unique instructions presented on the following pages.



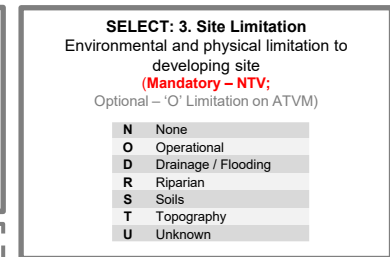
SEMI-NATURAL VEGETATION may be influenced by human actions, but human actions are NOT required to maintain the cover. Includes abandoned weedy areas, logged areas, invasive species, etc.

Land Cover Classification

DETAILED COVER TYPE



*Apply the **P520** practice code to bare or grassy areas, such as landing areas for farm crews or equipment, to indicate the cover supports farming activity.*



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
SELECT: 2. Practice
(Optional)
P451 Forage
Grain and stalk cut for 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	
SELECT: 2. Practice	
P210 Plant form	
P211	Espalier
P220 Densities (area per plant)	
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	
SELECT: 2. Practice	
(Mandatory)	
P321	Young
P323	Mature

C400	Forage, Pasture
C410	Grass
C411	Grass / open treed
C412	Grass hydrophytic
C420	Legumes
C421	Alfalfa
C422	Clover
C430	Mixed grass / legume
C450	Forage corn

C400 Forage, Pasture	(Mandatory – C410, C420, C430)
SELECT: 2. Practice	(Optional – C450)
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 Minimally 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.
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 except C500, C900
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.

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 season.

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

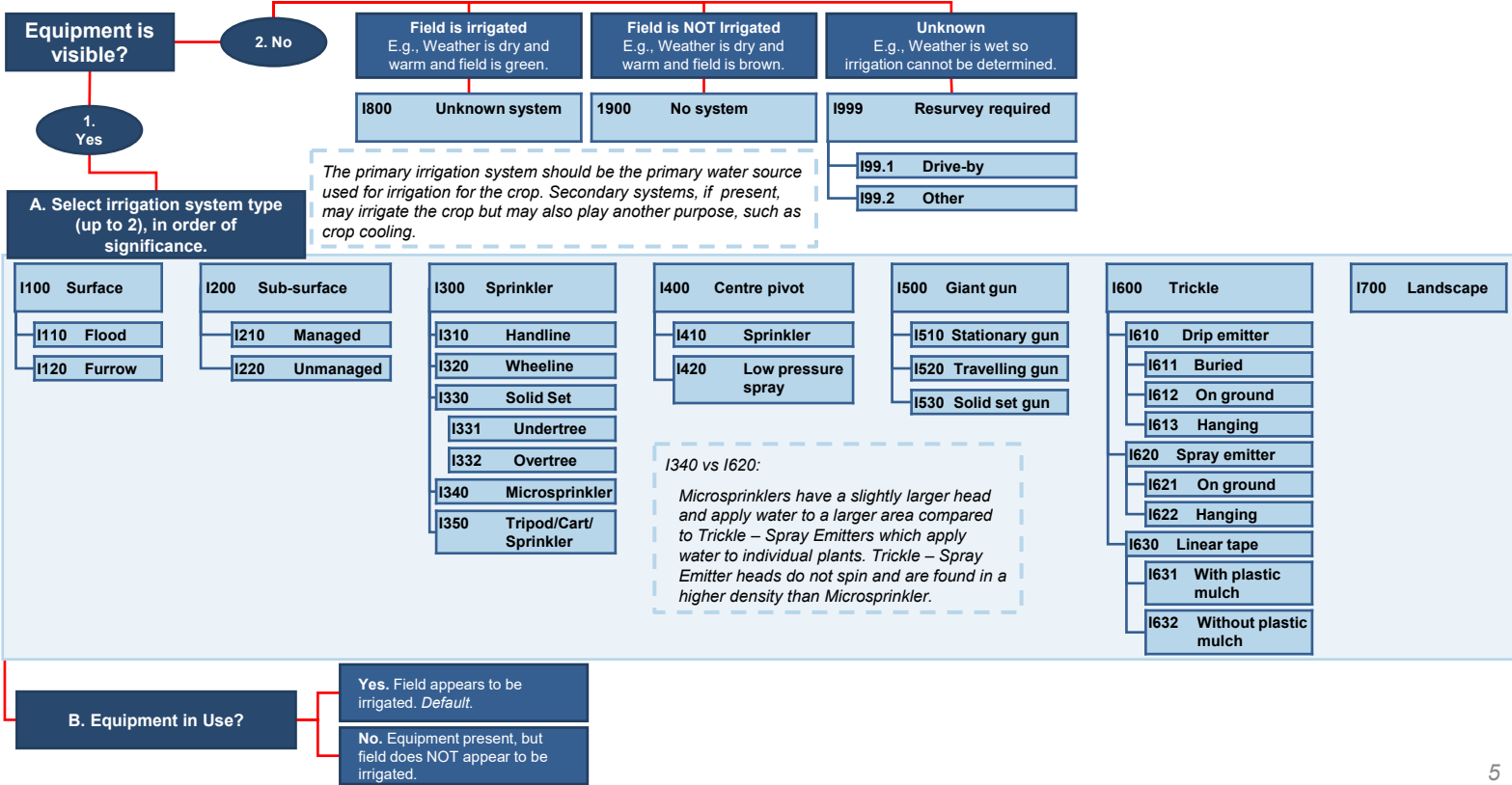
IRRIGATION SYSTEM

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:

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



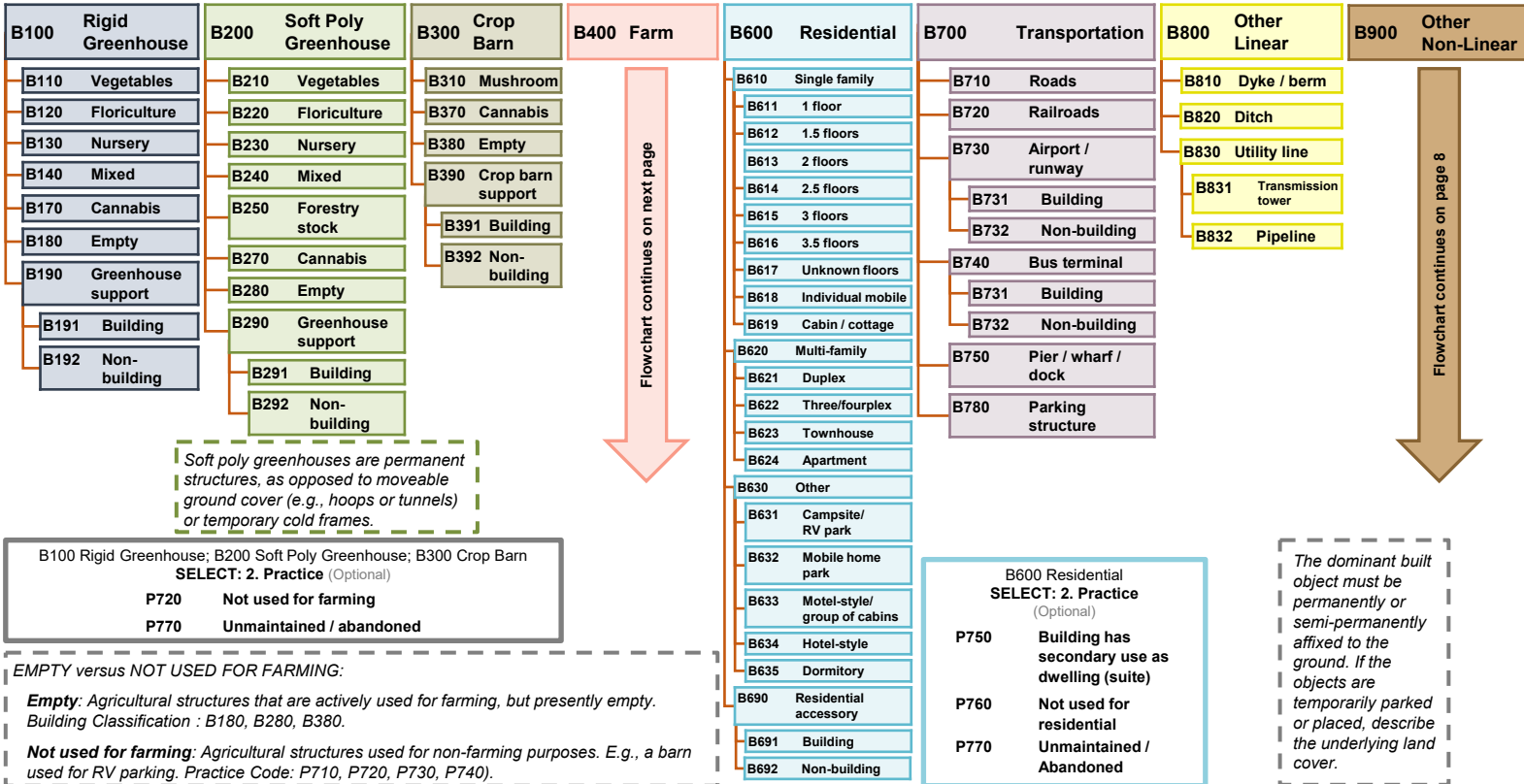
Land Cover Classification: Detailed Cover Type

Describe the main built object on land cover polygons classified as:

- ATBB (Anthropogenic Terrestrial Built)

Select:

1. Dominant structure type (highest profile) and directly associated features
2. Optional: Structure practice



Land Cover Classification: Detailed Cover Type

ATBB - FARM

Describe the main built object on land cover polygons classified as:

- ATBB (Anthropogenic Terrestrial Built)

Select:

1. Dominant structure type (highest profile) and directly associated features
2. Optional: Structure practice

B400 Farm

B410	Intensive Livestock Barn
B411	Dairy, intensive
B412	Poultry, intensive
B412.1	Poultry/egg, single deck
B412.2	Poultry/egg, double deck
B412.3	Poultry/egg, triple deck
B412.4	Poultry/egg, quad deck
B413	Swine, intensive
B413.1	Swine, single deck
B413.2	Swine, double deck
B414	Fur-bearing, intensive
B415	Beef, intensive
B417	Other, intensive

B420 Feedlot / Stockyard

B430 Livestock Enclosure

B431	Livestock Yard
B432	Livestock Stalls

B470 Equine Facilities

B471	Uncovered riding yard / arena / round pen
B472	Covered riding arena
B473	Equestrian stable

B490 Farm Support

B491	Support Building
B492	Support Non-Building

B420 Feedlot/Stockyard; B430 Livestock Enclosure; B470 Equine Facilities	
SELECT: 2. Practice (Optional)	
P720	Not used for farming
P750	Building has secondary use as dwelling (suite)
P770	Unmaintained / abandoned

B491	General Building
SELECT: 2. Practice (Optional)	
P720	Not used for farming
P750	Building has secondary use as dwelling (suite)
P770	Unmaintained / abandoned
P790	Used by non-intensive livestock

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

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

- Use Building Classification B491 with Practice Code P790 to describe farm buildings housing non-intensive livestock
- Use Practice Code P780 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

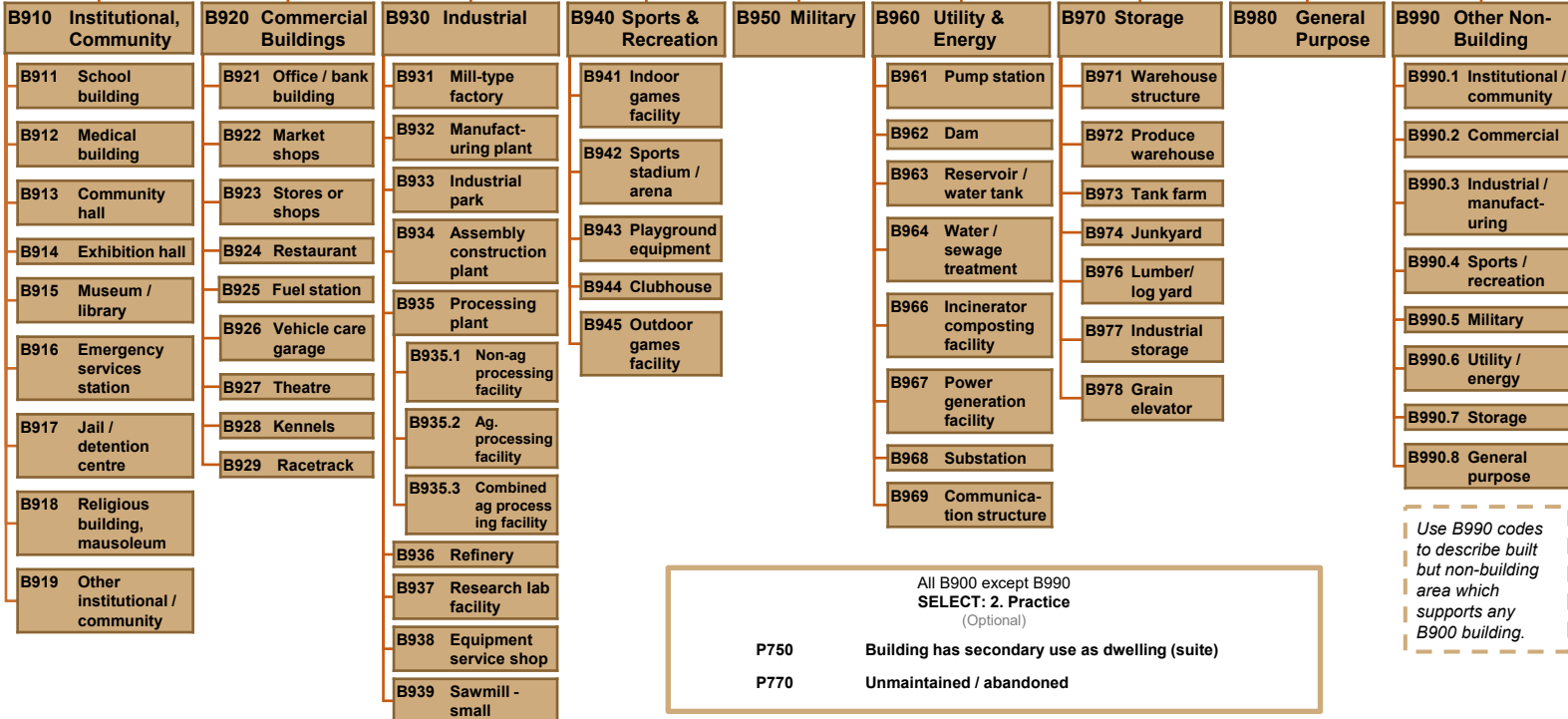
Describe the main built object on land cover polygons classified as:

- ATBB (Anthropogenic Terrestrial Built)

Select:

1. Dominant structure type (highest profile) and directly associated features
2. Optional: Structure practice

B900 Other Non-Linear



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

Definitions: Main Cover Type

NATURAL & SEMI-NATURAL

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	Natural & Semi-Natural Land cover not originating from human activities OR not being maintained by human actions. Includes regenerating lands.
NT	Natural & Semi-Natural Land surface NOT covered by water for an extensive period of time each year.
NTB	Natural & Semi-Natural - Bare Areas Natural bare areas. Includes bare rock, sand, deserts.
NTV	Natural & Semi-Natural - Vegetated Land with cover of naturally-occurring vegetation. May be influenced by human actions but does not need human actions to be maintained. Includes rangeland, selectively logged / regenerating forests, remedial land with naturally-occurring vegetation.
NW	Natural & Semi-Natural -Water Water is present over an extensive period of time each year. Includes lakes, rivers in a naturally occurring or in a semi-natural state.
NWV	Natural & Semi-Natural – Vegetated Wetlands 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	Anthropogenic - Terrestrial - Vegetated Areas naturally covered by water. Includes lakes, rivers, streams, ocean, snow and ice not constructed OR not maintained by human activities.

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

Corresponds to flowchart on page 6.

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

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.

.B300	Crop barn Indoor or covered area dedicated to crop production. Use 'Crop barn accessory' (B390) for associated hardened areas and support buildings.	.B400	Farm 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.
..B310	Mushroom Barn used for indoor mushroom production. Use C712.3 for mushrooms grown outside in a field.	..B410	Intensive livestock barn 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.
..B370	Cannabis Barn for indoor cannabis production. Regulated (licensed) medical or recreational production. If building is a greenhouse, use rigid (B170) or soft poly (B270) greenhouse code.	...B411	Dairy, intensive 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.
..B380	Empty Empty but operational crop barn. Use B300 and P720 if empty and no longer in operation. Use B300 and P770 if completely abandoned.	...B412	Poultry / egg, intensive Specialized barn for intensive poultry management (broilers, laying hens, pullets, etc.) If known, specify number of levels of barn.
..B390	Crop barn support Permanent building structures or non-building hardened areas that are not producing crops but support the crop barn operation. See more detailed codes B391, B392. Use N300 with P520 for softer, predominantly bare areas with incidental greenhouse use.	....B412.1	Poultry / egg, single deck Specialized single level barn for intensive poultry management (broilers, laying hens, pullets, etc.)
...B391	Support building Permanent building structures that are not producing crops but support the crop barn operation. Includes warehouse, utility, office or sales building, etc. Attached or detached from the crop barn structure.	....B412.2	Poultry / egg, double deck Specialized two level barn for intensive poultry management (broilers, laying hens, pullets, etc.)
...B392	Support non-building Permanent hardened bare areas not producing crops but supporting the crop barn operation. Includes driveways, parking, loading zones, etc. Includes compacted soil due to long term, repeated use by crop barn-related equipment.	....B412.3	Poultry / egg, triple deck Specialized three level barn for intensive poultry management (broilers, laying hens, pullets, etc.)
		....B412.4	Poultry / egg, quad deck Specialized four level barn for intensive poultry management (broilers, laying hens, pullets, etc.)
		...B413	Swine, intensive Specialized barn for intensive swine management. If known, specify number of levels of barn.
		....B413.1	Swine, single deck Specialized single level barn for intensive swine management.
		....B413.2	Swine, double deck 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	Fur-bearing, intensive Specialized barn for intensive management of fur-bearing animals.	..B470	Equine facilities Specialized / dedicated equine facilities dedicated to sports, therapy, recreation or tourism. Includes equine housing if integrated with specialized structures.
...B415	Beef, intensive Specialized covered barn for intensive management of beef cattle.	...B471	Uncovered riding yard / arena / round pen 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	Other, intensive 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	Covered riding arena 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.
..B420	Feedlot / stockyard 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.	...B473	Equestrian stable 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.
..B430	Livestock enclosure 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	Farm support 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	Livestock yard 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	Farm support building 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	Livestock stalls 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	Farm support non-building 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.

.B600	Residential Dwelling building roof dripline, including accessory buildings and hardened areas used for residential purposes. Does not include associated managed vegetation.	...B618	Individual mobile home 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.
..B610	Single family dwelling 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.	...B619	Cabin / cottage 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.
...B611	House 1 floor Single family dwelling with 1 floor. No observable basement or attic.	..B620	Multi family dwelling Permanent dwelling with more than 1 living unit. Does not include single family residences with accessory dwelling units (ex. basements suits) contained within.
...B612	House 1.5 floors Single family dwelling building with 1.5 floors. Includes split-level homes.	...B621	Duplex 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.
...B613	House 2 floors Single family dwelling with 2 floors.	...B622	Triplex / fourplex 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.
...B614	House 2.5 floors Single family dwelling with 2.5 floors.	...B623	Townhouse 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.
...B615	House 3 floors Single family dwelling with 3 floors.	...B624	Apartment A large building containing multiple residential suites.
...B616	House 3.5 floors Single family dwelling with 3.5 floors.		
...B617	House unknown floors 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	Other 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.	..B690	Residential accessory Permanent building structures or hardened bare areas (paved or compacted) that support residential use. See more detailed codes B691, B692.
...B631	Camp site / RV park Site built for accommodating multiple RVs and tents. Do not use for single RV. Use B632 for mobile home park.	...B691	Accessory building 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.
...B632	Mobile home park 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.	...B692	Accessory non-building 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.
...B633	Motel-style / cabins 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.		
...B634	Hotel-style Single building of multiple connected rooms with doors having access to a common inside or outside hallway.		
...B635	Dormitory Residence hall / dormitory.		

Definitions: Detailed Cover Type

ATBB (BUILT OBJECTS)

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

Corresponds to flowchart on page 6.

.B700	Transportation / parking A constructed surface for vehicle use, typically paved, graveled and graded.	..B750	Pier / wharf / dock A built structure that juts out over a waterbody.
..B710	Roads Artificial, constructed roadway, paved or loose. Also includes permanent dirt roads (ex. forest service, access roads).	..B780	Parking structure Designated stacked vehicle parking structures above ground level. Parkades.
..B720	Railroads A track or set of tracks made of steel rails along which passenger and freight trains run. Includes track ballast.	.B800	Other - linear Linear constructions (length is significantly greater than width) such as dykes, constructed berms, transmission lines, pipelines.
..B730	Airport Buildings and hardened areas directly supporting the takeoff, landing, and maintenance of aircrafts, as well as airport-related activities.	..B810	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.
...B731	Airport building Airport buildings related to or supporting airport activities. Includes parking structures, terminals, control towers, fuel depots, hangers, repair facilities, etc.	..B820	Ditch A channel dug in the ground used to divert water away from or to a feature. Typically found alongside a road or the edge of a field. May or may not be vegetated.
...B732	Airport non-building Permanent hardened areas that support airport activity, including runways, taxiways, service roads, slip roads, and parking for airport buildings.	..B830	Utility line Linear conveyance system used to transport power, gas, oil etc.
..B740	Bus terminal Buildings and hardened areas directly supporting the pickup and drop off of bus passengers.	...B831	Transmission tower 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 small pole transmission and power lines. Use B968 for substations.
...B741	Bus terminal building Bus terminal buildings related to or supporting bus terminal activities. Includes the terminal and supporting accessory buildings at the terminal.	...B832	Pipeline Characterized by linear runs of above ground pipe. Digitize pipeline and any surrounding hardened area created to support the structure.
...B742	Bus terminal non-building Permanent hardened areas that support bus terminal activities. Includes parking for passenger pick up and drop off, bus loading zones, etc.		

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

Corresponds to flowchart on page 8.

.B900	Other – non-linear Non-linear 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.	...B914	Exhibition hall A building built for the reoccurring showcase of industry or technical exhibitions. Includes agricultural exhibitions (unless held inside B400 building); may contain specialized structures for housing livestock.
..B910	Institutional, community A building created to support the community and community institutions (does not include commercial institutions). Use B990.1 for associated non-building hardened areas.	...B915	Museum, library 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.
...B911	School building A building built to educate members of the public. Includes public and private primary and secondary schools, and colleges and universities. For associated areas for sports or recreation purposes, use specific B940 code. For playfields use M720.	...B916	Emergency services station Buildings used by first responders, including ambulance, fire, police and search & rescue.
...B912	Medical building Hospital, convalescent homes, mental health facilities, may include non-religious crematorium.	...B917	Jail, detention center Buildings built 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.
...B913	Community hall A public building built to accommodate large gatherings, used to support public events, activities, disseminate public information, etc. to the surrounding community. Typically have visible signage.	...B918	Religious building, mausoleum Buildings created and used for religious purposes. May include associated buildings or rooms for residence. Also includes mausoleums >50 sqm. If residential building is a house, use specific B600 code. For religious schools, use B911.
		...B919	Other institutional, community 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.

..B920	Commercial buildings 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.	...B925	Fuel station 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.
...B921	Offices Offices, government or private offices, bank buildings.	...B926	Vehicle care garage Specialized structures with bays and equipment for auto repair and service. For services related to heavier or more specialized machinery, use B938.
...B922	Market shops 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. Ex. Granville Island Market.	...B927	Theatre Indoor cinemas, or buildings supporting drive-in theatre. For drive-in theatres, use B990.2 for hardened areas where cars park.
...B923	Stores or shops 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.	...B928	Kennels Building designed to temporarily house other people's domesticated pets, usually dogs. Also includes breeding kennels. Includes outdoor fenced kennel areas (usually adjacent to kennel building).
...B924	Restaurant 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.	...B929	Racetrack 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.

..B930	Industrial Specialized buildings and structures used for industrial purposes. Use B990.3 for associated hardened areas.	...B935	Processing plant 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. Use B936 for oil refineries.
...B931	Mill-type factory Older single or multistory factories, common in many older industrial areas, supported by large wood beams and columns. For lumber mills, see B935.	....B935.1	Non-agricultural processing facility Facilities upgrading non-agricultural commodities, e.g., lumber mill.
...B932	Manufacturing plant Newer industrial structure. Sometimes looks like a typical office building, but relies on special power, water, or waste disposal systems for operation.	....B935.2	Agricultural processing facility Facilities in which raw agricultural commodities are processed/manufactured into value-added or consumer-ready products. Includes, but is not limited to, meat processing, abattoir, industrial crop processing, etc.
...B933	Industrial park One or more buildings used for light industrial activities, often by several independent enterprises, that may share common loading, parking, and business services.	....B935.3	Combined agricultural processing facility 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.
...B934	Assembly, construction plant Heavy industrial structures.	...B936	Refinery Buildings and structures used to support oil refining activities.
		...B937	Research / lab facility Light industrial building type used to conduct research, including plant or livestock research facilities.
		...B938	Equipment service shop Light industrial building type used to repair large or specialized vehicles and equipment. Ex. large trucks, dump trucks, logging equipment, farm equipment.
		...B939	Sawmill - small 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	Sports / recreation Buildings and built areas used to facilitate recreational activities at a public or commercial scale. Use B69* for recreational structures built for private residential use. Use B990.4 for associated non-building hardened areas, unless otherwise specified.	..B960	Utility, energy Utility structures for landscape (NOT private) use. Digitize features <50 sqm ONLY IF Land Use is dependent on presence of feature. Aggregate <50 sqm like-features together if in close proximity. Use B990.6 for associated non-building hardened areas.
...B941	Indoor games facility Specialized buildings that house indoor games. Includes bowling alleys, skating rinks, indoor golf drive range, etc.	...B961	Pump station Facilities containing pumps and equipment to move water from one location to another.
...B942	Sport stadium / arena A building built for a specific or multiple sports; with or without public spectator facilities. Includes dog agility training arenas.	...B962	Dam A barrier restricting the flow of water for storage or diversion.
...B943	Playground equipment Includes swings, tot-lots, sand lots, water parks, and other playground equipment. Digitize structure and associated playground surface (rubber, paved, gravel, mulch, etc.)	...B963	Reservoir, water tank Covered water storage; tank or bunker.
...B944	Clubhouse Buildings used as club houses to facilitate outdoor recreational activities. Ex. golf club house, shooting range club house.	...B964	Water, sewage treatment plant Buildings and structures used for the treatment of water or sewage.
...B945	Outdoor games facility 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).	...B966	Incinerator, composting facility Mainly industrial in character, these facilities may be co-located with landfills and other solid waste operations.
..B950	Military Buildings used for military purposes (air force, naval, training, army, etc.) Use B990.5 for associated non-building hardened areas.	...B967	Power generation facility Includes buildings and structures supporting the generation of power.
		...B968	Substation Usually a non-building structure of transformers and transmission wires located together.
		...B969	Communication structure Communication towers, radio, tv, wireless transmitters.

Definitions: Detailed Cover Type

ATBB (BUILT OBJECTS)

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

Corresponds to flowchart on page 8.

..B970	Storage 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 (i.e., NOT lumber, industrial) on ground storage.	..B990	Other non-building Hardened bare areas supporting B9* activities. Usually next to B9* buildings. Includes parking, loading zones, etc. Includes areas of compacted soil due to long-term, repeated use for B9* activities. Use N300 for softer bare areas with incidental use.
...B971	Warehouse structure Includes public storage, mini-warehouse, mini-storage, and other storage buildings. Use B978 for grain elevator structures.	...B990.1	Institutional / community Hardened bare area associated with B91*.
...B972	Produce warehouse Specialized warehouse structures for storing, sorting, repackaging and, sometimes, wholesale selling of produce. Use B935.2 or B935.3 if activity raises the quality or alters the physical or chemical characteristics of a raw farm commodity.	...B990.2	Commercial Hardened bare area associated with B92*.
...B973	Tank farm Tanks that primarily store fuel, oil, and other liquid products. Use B963 for storage of water in tanks.	...B990.3	Industrial / manufacturing Hardened bare area associated with B93*.
...B974	Junkyard Commercial wrecking yard, scrap yard.	...B990.4	Sports / recreation Hardened bare area associated with B94*.
...B976	Lumber, log yard Storage area for lumber, logs. Use instead of B990.7.	...B990.5	Military Hardened bare area associated with B95*.
...B977	Industrial storage Storage area for sheet metal, construction materials, etc. Use instead of B990.7.	...B990.6	Utility / energy Hardened bare area associated with B96*.
...B978	Grain elevator Structure for storing grain. Includes structures used to load grain on to train cars or trucks.	...B990.7	Storage Hardened bare area associated with B97*.
..B980	General purpose General / all purpose (non-specific) building NOT supporting residence or farm and lacks distinctive features or characteristics (nondescript).	...B990.8	General purpose Hardened bare area associated with B98*.

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

Corresponds to flowchart on page 3.

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

.C300	Vines & berries Use C300 if unable to tell if vine or berry. If grown for transplant where the entire plant is the commodity, use C813.
..C310	Vines Use C310 if unable to tell type of vine.
...C311	Grapes
....C311.1	Table grapes
...C312	Kiwis
..C320	Berries Use C320 if unable to tell type of berry. Distinguish adjacent vine plantings when single type >500 sqm, otherwise use C328.
...C321	Blueberries
...C322	Cranberries
...C323	Raspberries
...C324	Strawberries
...C325	Blackberries
...C326	Currents
...C327	Saskatoon
...C328	Mixed berries Only use on fields with a variety of berry types. Usually found on small fields. Use specific crop codes if >500 sqm. Do not bother separating individual rows. Use C320 If unable to tell the berry type.
...C329	Misc. berries 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.

.C400	Forage, pasture 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.	.C500	Vegetables
..C410	Grass Grass cultivated for forage or pasture. Use NTV code for predominantly native or aggressive/persistent grasses, forbs, shrubs, that are not cultivated.	..C510	Cole crops Includes broccoli, brussels sprouts, cabbage, cauliflower, kale, collards, and kohlrabi.
...C411	Grass / open treed Grass cultivated for forage or pasture mixed with an open canopy of trees.	..C520	Cucurbits Includes squash, cucumber, zucchini, melons, watermelon. Include pumpkins if grown in mixture with other cucurbits.
...C412	Grass Hydrophytic 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.	...C521	Pumpkins
..C130	Legume	..C530	Leafy vegetables Includes lettuces, spinach, Swiss chard, celery.
...C421	Alfalfa	..C540	Legumes (vegetable) Green or wax beans, green peas.
...C422	Clover	...C541	Beans
..C430	Mixed grass / legume 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.	...C542	Peas
..C450	Forage corn Corn grown for livestock consumption. Use C562 for sweet corn (human consumption).	..C550	Root vegetables Includes garlic, dry onions, rutabagas, turnips, beets, radishes. Include potatoes and carrots if grown in mixture with other root vegetables.
		...C551	Potatoes
		...C552	Carrots
		..C560	Misc. vegetables 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.
		...C561	Peppers
		...C562	Sweet corn
		...C563	Tomatoes

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

Corresponds to flowchart on page 3.

..C570	Asian vegetables Includes bok choy (Chinese chard), choy sum, gal choy, sui choy, gai lan, Chinese cabbage, daikon, lotus root.	...C712	Misc. specialty
..C580	Mixed vegetables 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	Herbs
..C600	Floriculture If plant grown for transplant into soil, use C81* code.	....C712.2	Hops
..C610	Bulbs	....C712.3	Mushroom, field Mushrooms growing outdoors. If mushrooms are being grown inside crop barn or covered area, use B310.
..C620	Cut flowers	....C712.4	Rhubarb
..C640	Lavender	...C713	Cannabis, field Cannabis (regulated medical or recreational, or hemp). Grown in field.
..C680	Mixed floriculture	....C713.1	Cannabis, regulated Regulated (licensed) medical or recreational production. Crop produced with high security. Often individual plants grown in pots. If grown indoors, use B370.
..C700	Specialty / turf / nut trees	....C713.2	Hemp fibre Hemp for fibre. Crop found in open fields with low security.
..C710	Specialty 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	Mixed specialty 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	Medicinal plants	..C720	Turf Grass sod grown for commercial and domestic use. Grass is kept short, usually even in colour due to regular irrigation.
....C711.1	Ginseng	..C730	Nut trees Use C730 if specific nut tree type is unknown.
....C711.2	Echinacea	...C731	Hazelnut / filbert
		...C732	Walnut
		...C738	Mixed nut trees
		...C739	Misc. nut trees 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.

.C800	Nursery & tree plantations	...C824	Woody cuts Boughs for Christmas wreaths or other arrangements.
..C810	Nursery Plants are grown for transplant. Plant is the commodity.	...C824.1	Holly
...C811	Forestry stock 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).	...C828	Mixed tree plantation
...C812	Ornamentals and shrubs Ornamentals and shrubs cultivated for transplant.	.C900	Other Specify type.
....C812.1	Cedar hedging Cedar hedging cultivated for transplant.	..C910	Cultivated land 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.
...C813	Fruit / berry stock Tree fruit seedlings, berry whips, and other species cultivated for transplant at high density. Often occurs on orchards or berry farms.	..C920	Fallow land 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..
...C814	Bedding plants Low growing flowers or vegetables starts.	..C930	Crop transition 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.
...C818	Mixed nursery	..C940	Cover grass Not harvested or used for forage. Cultivated to manage soil moisture/erosion. Ex. cover grass between fruit tree rows.
..C820	Trees (plantation) Harvested for fibre or other products. Plants are not cultivated for transplant (except in rare cases such as ball and burlap Christmas trees)	..C950	Mulch 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.
...C821	Christmas trees		
...C822	Fibre / pulp / veneer trees Often deciduous. May be intensively managed. Grown in regular rows or grid patterns.		
...C823	Maple Trees used for maple syrup production. Use C812 if entire plant is commodity.		

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	IRRIGATION	.I300	Sprinkler 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.
.I100	Surface	..I310	Handline An aluminum water pipe with sprinkler heads mounted along the pipe.
..I110	Flood Overland flow of water controlled by gates, weirs, and gated pipes. Usually associated with cranberries or other distinctly flat, levelled field.	..I320	Wheeline 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.
..I120	Furrow Small, evenly spaced shallow channels parallel to crop row direction. The channels need to have some slope for water to flow.	..I330	Solid set 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.
.I200	Sub-surface Water that is supplied to the crop due to a high water table in the soil.	...I331	Solid Set – under tree Sprinkler head below the crop canopy.
..I210	Managed 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.	...I332	Solid set – over tree Sprinkler head above the crop canopy.
..I220	Unmanaged 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.	..I340	Microsprinkler 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).
		..I350	Tripod / cart / sled sprinkler 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.

..I400	Centre pivot 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.	..I620	Spray emitter 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.
..I410	Sprinkler Sprinklers located along the length of an aluminum pipe which moves in a circular motion around a pivot in the middle of the field.	...I621	Spray – on ground Tube and spray nozzles are laying just on top of the ground.
..I420	Low pressure spray 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.	...I622	Spray - hanging Tube and spray nozzles are hanging above the ground.
..I500	Giant gun Uses a large water canon or gun under high input pressures. Large head / nozzle (at least 1 ft long).	..I630	Linear tape 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.
..I510	Stationary gun	...I631	Linear tape - plastic mulch
..I520	Travelling gun Consists of a large reel of hose mounted on a trailer with the gun on the end of the hose.	...I632	Linear tape - no plastic mulch
..I530	Solid set gun 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.	..I700	Landscape / turf Sprinklers commonly found on golf courses, parks, turf and lawns. Includes pop-up sprinklers. (default irrigation for all M700 unless other system seen)
..I600	Trickle 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.	..I800	Irrigated – system unknown Parcel is irrigated but no irrigation equipment is visible. For AWDM use Sprinkler (default)
..I610	Drip emitter Miniature nozzles deliver water drop by drop to individual plants.	..I900	Not irrigated – no system Parcel is not irrigated and no irrigation equipment is visible.
...I611	Drip emitter - buried Tube and drip nozzles are buried beneath the ground.	...I999	Resurvey required No irrigation equipment is visible and season is wet so irrigation cannot be determined.
...I612	Drip emitter – on ground Tube and drip nozzles are laying just on top of the ground.	....I999.1	Drive-by resurvey required Visibility from the road is adequate and a drive-by resurvey may successfully capture irrigation if weather changes to hot and dry.
...I613	Drip emitter - hanging Tube and drip nozzles are hanging above the ground.	....I999.2	Other resurvey required 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: Detailed Cover Type ATVM (VEGETATED - MANAGED)

*Definitions of the Anthropogenic Detailed Cover Types - ATVM: Managed.
Corresponds to flowchart on Page 2.*

M000	VEGETATION - MANAGED Vegetated lands seeded or planted for landscaping, dust or soil control but not cultivated for harvest or forage. Includes parklands, golf courses, landscaping, lawns, as well as areas of semi-annual mowing such as nature strips next to roads.
.M400	Xeriscape 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.
.M600	Regularly managed vegetation Vegetation maintained by humans at regular intervals (annual or more frequent). Includes general landscaping (lawn, garden, shrubs, trees); do not specify irrigation. If maintained on a less than annual basis (ex. brush under powerlines), use NTV code.
.M700	Dense turf Irrigated dense, healthy grass and sometimes clover or other plants, maintained at a low, even height. If irrigated, use I700. If unirrigated, apply I900 code. Use C720 if being cultivated as turfgrass for transplant.
..M710	Golf course Golf course grass, maintained at varying heights. If irrigated, use I700. If unirrigated, apply I900 code. For >500 sqm areas of natural/unmaintained vegetation within golf course, use NTV code (or NWV). Includes small trails for walking / golf carts.
..M720	Playfield turf Maintained field of irrigated dense, healthy grass with matted roots that accommodate team sports. Often have white line markings. If irrigated, use I700. If unirrigated, apply I900 code. Use B945 for artificial turf fields.

Definitions: Detailed Cover Type ATBN (NON-BUILT OR BARE)

*Definitions of the Anthropogenic Detailed Cover Types - ATBN: Non-Built or Bare.
Corresponds to flowchart on page 2.*

N000	NON-BUILT OR BARE Human-created bare areas, such as extraction or disposal sites. Includes piles, pits, fill dumps, waste disposal areas, unconstructed dirt areas due to human use (parking or storage areas).
.N100	Dump / deposit Dumps and deposits made by anthropogenic activities. May or may not be related to farm activities. Use P520 practice code if directly related to farm activities.
..N110	Pit 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.
..N120	Pile Large piles of fill or mulch that remain in place long term (for more than one growing season), i.e., semi-permanent.
.N200	Extraction, mine Extraction or excavation of mineral substances from the earth, requiring heavy-duty or specialized machinery. If the area was excavated for a purpose other than the value of the material being excavated, use N110 or other appropriate code.
.N300	Bare area Unconstructed predominantly bare areas (with minimal, patchy vegetation) due to repeated human disturbance (ex. parking or storage areas). If continuous use or disturbance has permanently impeded regrowth of original vegetation, use "non-building" code.

Definitions: Detailed Cover Type NTV (VEGETATED)

Definitions of the Natural Main Land Cover Corresponds to flowchart on page 2.
Types – NTV: Natural & Semi-Natural.

V000	VEGETATION – NATURAL & SEMI-NATURAL Naturally-occurring or uncultivated vegetation. May have some influence from human actions but does not need human actions to be maintained. Includes weedy species on disturbed sites. Type is evaluated from coverage of tallest to shortest vegetation.
.V100	Treed At least 10% canopy cover is naturally-occurring or reforested trees.
..V110	Treed - closed Between 60% and 100% canopy cover is naturally occurring or reforested trees. Canopy cover is mostly continuous but may contain patchy areas.
..V120	Treed - open Between 10% and 60% canopy cover is naturally occurring or reforested trees. Canopy is patchy but may contain areas of continuous cover.
.V200	Shrub At least 20% canopy cover is naturally-occurring, tall, multi-stemmed woody plants. If >10% canopy cover is trees use V1*.
.V300	Herb Open landscapes (<10% trees and/or <20% shrub) where the dominant vegetation is uncultivated and unmanaged (or naturally-occurring) low, non-woody plants; both forbs and graminoids. Includes dwarf shrubs and weedy species.
..V310	Grasslands Vegetation comprised of native grassland species, majority of which are graminoids. Most native grasslands are found in the interior valleys of the province.

Definitions: Limitations

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

D	Drainage / Flooding Poor drainage or frequent flooding, limiting farming or vegetation growth but not a persistent wetland (NWV). Water can be from multiple sources. Includes bare foreshore. Use Riparian limitation if vegetated strip is adjacent to water source.
N	None Tree cover is not considered a limitation.
O	Operational Operational limitation due to local features (buildings, built areas, natural barriers). Includes awkward shapes, small isolated areas. DO NOT use to describe isolated parcels with poor or no public road access.
R	Riparian Vegetated strip next to water source. Often with observable difference in plant community due to influence of water source.
S	Soils Natural bare areas (sand, rock, desert).
T	Topography Very steep slopes, unsuitable for crops or domesticated livestock (e.g., too steep for cattle to climb).
U	Unknown Not evaluated for limitations

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	...P422	Forage (managed) Crop is cut for fodder, silage or haylage. Often there is no fencing and crop growth is generally healthy and even, but improvement is possible. Fields are large to accommodate equipment.
..P210	Plant form	...P423	Forage (minimally managed) Crop is cut for fodder, silage or haylage. Crop growth is uneven with weeds.
...P211	Espalier Plant form.	..P430	Forage AND pasture Crop is cut for fodder, silage or haylage and also used for grazing animals. Fencing is in good condition (or electric fencing present).
..P220	Density (area per plant)	..P490	Unused 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. Use M600 for forage grass being managed as general landscaping (lawn).
...P221	High Density (<100 sq ft) Each plant occupies less than 100 sq feet (example < 10 ft between plants and < 10 ft rows).	..P450	Grain Practice
...P222	Med Density (100-200 sq ft) Each plant occupies between 100-200 sq feet (example 12 ft between plants and 12 ft rows).	...P451	Forage Grain and stalk cut for forage.
...P223	Low Density (>200 sq ft) Each plant occupies greater than 200 sq feet.	..P490	Unused 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. Use M600 for forage grass being managed as general landscaping (lawn).
.P300	Vines & Berries	.P700	Condition and use
..P320	Berries Age	..P770	Unmaintained / Abandoned For buildings, building not in use AND in poor structural condition. For crops, perennial crop is no longer maintained and probably would not warrant harvest.
...P321	Young Plant age.	.P800	Nursery & tree plantations practice
...P323	Mature Plant age.	..P810	Nursery practice
.P400	Forage Practice	...P813	Container Nursery plants grown outdoors in plastic pots/containers, not in ground. Often smaller plants, shrubs and trees.
..P410	Pasture Used for grazing only (not cut), with fencing to keep animals in. Use P910 for grazing on natural (NTV) areas.	...P817	In Ground Nursery plants grown in the ground (in a field). Often larger shrubs and trees.
..P420	Forage Crop is cut for fodder, silage, or haylage. Fields have evidence of cutting (mower lines, hay bales). Fields are unobstructed and may be larger than pasture fields. No grazing animals or evidence of grazing animals.	...P819	Mixed Area is a mixture of nursery plants grown outdoors, both in ground and in pots.
...P421	Forage (intensively managed) Crop is cut for fodder, silage, or haylage. Often there is no fencing and crop growth is vigorous, even and thick. Fields are large to accommodate equipment. Usually associated with dairy operations.		

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.

..P520	Used for farming 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 B[1-4]92 for hardened areas supporting the farm operation.
..P530	Residential use non-built Parking of wheeled tiny homes or RVs used as semi-permanent residential dwellings. Use with bare area, hardened/compacted area, or managed vegetation codes.
..P540	Cemetery Managed (ATVM) or unmanaged (NTV) areas used as burial grounds.
.P700	Condition and use
..P720	Not used for farming Farm building (or greenhouse / crop barn) that is no longer used for farm-related activities. Used for non-farm related storage, parking, etc.
..P750	Building has secondary use as dwelling (suite) Building has secondary dwelling use, often as second floor suite, comprising <50% of building area. Use with B[1-4]*, B9* or B691. DO NOT use with non-building codes (B[1-4, 6]92, B990.*).
..P760	Not used for residential Residential building no longer used for residential purposes. Example, house being used as commercial daycare.
..P770	Unmaintained / abandoned For buildings, building not in use AND in poor structural condition. For crops, perennial crop is no longer maintained and probably would not warrant harvest.

..P780	Used for Farming but NOT for Livestock Intensive livestock barn used for farm support, but houses no livestock. Use with B41* ONLY. Use P790 for non-intensive livestock use.
..P790	Used by Non-Intensive Livestock Farm building used for non-intensive livestock. Use with B41* or B491 ONLY.
.P900	Natural Area Practice
..P540	Cemetery Managed (ATVM) or unmanaged (NTV) areas used as burial grounds.
..P910	Grazing (natural vegetation) Natural or semi-natural vegetated area used for grazing. Not cultivated.

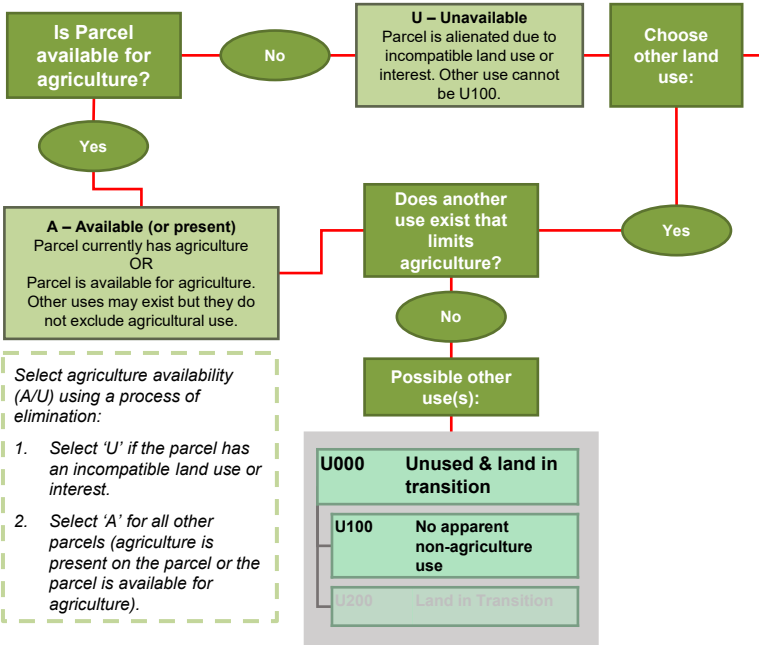
AGRICULTURAL AVAILABILITY & LAND USE CLASSIFICATIONS

Agricultural Availability and Land Use Classifications

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

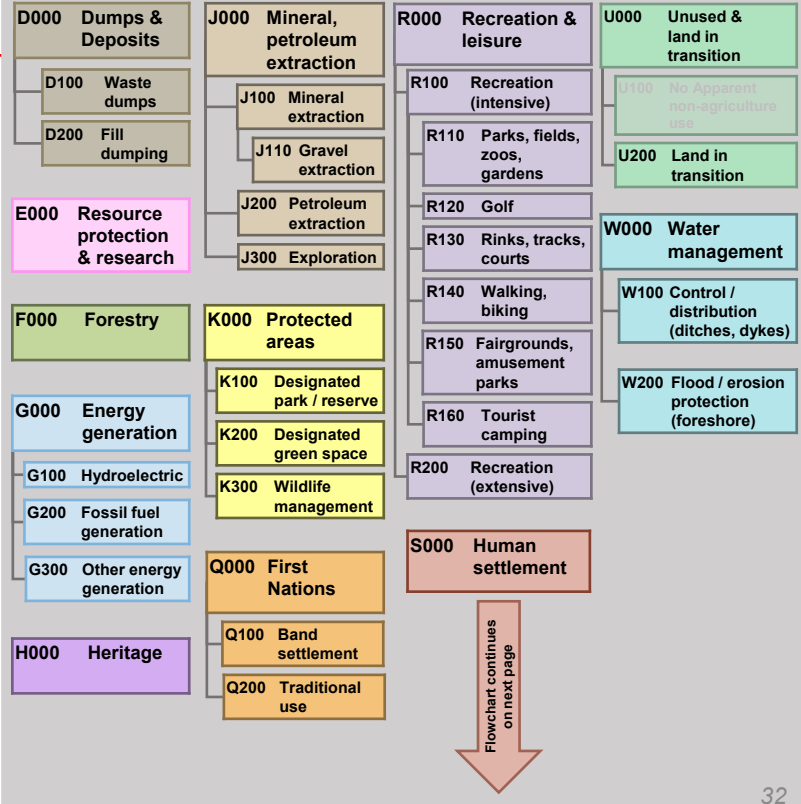
Select one category under Agriculture Availability: Available or Unavailable.
 IF Other Human Use present, select up to TWO in no order of dominance. Consider:

- 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-agriculture use (U100). U100 includes parcels ONLY used for agriculture.



Land Use Classification

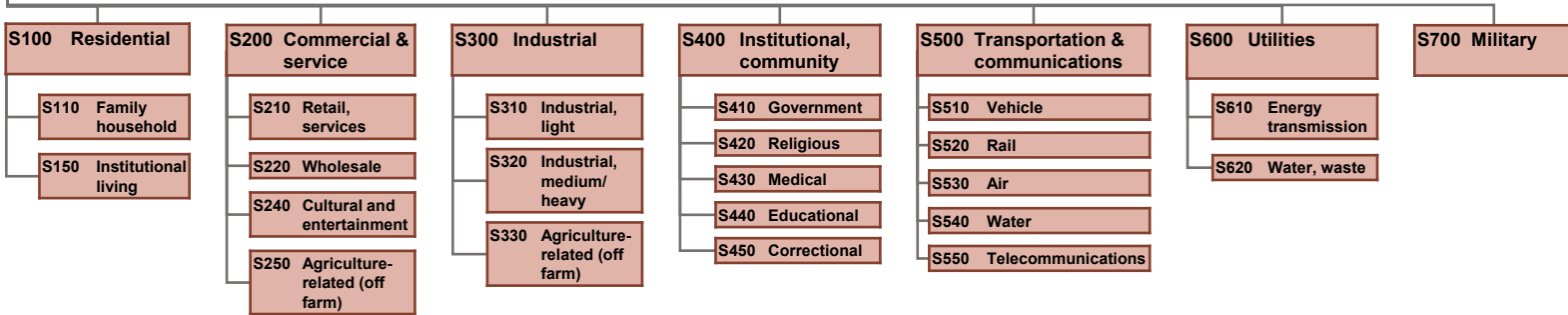
HUMAN SETTLEMENT

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.

Definitions: Agricultural Availability and Land Use Classifications

Definitions of the Land Use Classifications.

Corresponds to flowchart on page 9 & 10.

A	Available 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.	G000	Energy generation Includes hydroelectric dams & generating facilities, fossil fuel generating facilities, penstocks, generators, hog fuel burners, solar fields, wind fields, geothermal facilities.
U	Unavailable Due to existing incompatible land use or declared interest (designated park), the parcel is alienated from significant agriculture use.	.G100	Hydroelectric Generating energy from dams, penstocks and run of river
D000	Dumps & deposits – general	.G200	Fossil fuel generation Diesel generators, natural gas generators
.D100	Waste dumps 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.	.G300	Other energy generation Includes hog fuel, solar, geothermal, wind power, anaerobic digestion
.D200	Fill dumping "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.	H000	Heritage Archaeology or heritage sites. Pictograph, Petroglyph, cultural material.
E000	Resource protection & research Government or private research activities (including agriculture). Flood protection areas.	J000	Mineral, petroleum extraction 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.
F000	Forestry Includes model forest, regenerating forest, clearcut logging, selective logging, prescribed burn areas, log sorting & storage. Note: cultivation of Christmas trees is agriculture.	.J100	Mineral extraction Includes pit mining, peat & topsoil extraction, underground extractions, tailings & waste handling, seismic networks, petroleum pumping. Gravel extraction is excluded.
		..J110	Gravel extraction Gravel extraction.
		.J200	Petroleum extraction Petroleum pumping, tailings and waste handling, placer mining,
		.J300	Exploration Seismic networks.

Definitions: Agricultural Availability and Land Use Classifications

Definitions of the Land Use Classifications.

Corresponds to flowchart on page 9 & 10.

K000	Protected area / ecological reserve 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).	R000	Recreation & leisure
.K100	Designated park or reserve	.R100	Recreation & leisure - intensive 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.
.K200	Designated Green Space Often maintained as a buffer between land uses to increase livability and to support local wildlife.	..R110	Parks, zoos, fields, gardens Usually characterized by distinct boundaries. Regional or municipal parks, picnic areas, zoos, sports fields, gardens.
.K300	Wildlife management Wildlife reserve, managed breeding area, fishing areas, fish ladders / hatcheries, wild shellfish harvest areas.	..R120	Golf Golf courses, driving range, mini golf.
Q000	First Nations If Reserve land is leased to non band members, describe actual use (i.e., S110) as primary use and Q000 as secondary use.	..R130	Rinks, tracks, courses Recreation facilities, swimming pools, sports tracks, courts, racecourses, shooting ranges (indoor or outdoor).
.Q100	Band settlement 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.	..R140	Walking, biking Surfaced walking or biking trails or corridors, paved or gravel.
.Q200	Traditional use Ceremonial, food & material harvesting, cultural landform.	..R150	Fairgrounds, amusement parks
		..R160	Camping Campgrounds, tourist trailer parks, youth summer camps. Use S210 for commercial lodges (hunting, fishing).
		.R200	Recreation & leisure - extensive 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.

S000	Human Settlement	.S300	Industrial
.S100	Residential	..S310	Industrial - light Light industrial, including workshops (small shops to service/store industrial equipment, usually related to residential), small sawmills, and storage for small equipment, truck parking, or vehicle repairs (usually related to residential).
..S110	Family household Family household residential use. Includes single family, multi family and seasonal residential; houses, apartments, condominiums, mobile home parks, townhouses, permanent cabins, etc. Use R160 for campgrounds. Use S210 for hotels, motels, or other tourist / transient housing. Use S150 for institutional living.	..S320	Industrial – medium, heavy Infrastructure or material intensive. Includes manufacturing and processing facilities, oil & gas storage, outdoor equipment / material storage, auto wreckers.
..S150	Institutional living Housing for the elderly, retirement housing, congregate living, assisted living, life care housing.	..S330	Industrial – agriculture related (off farm) Food processing facilities (off farm), winery (off farm), slaughterhouse, grain bin manufacturing, implement manufacturing, grain handling, feed mill.
.S200	Commercial & service	.S400	Institutional, community Includes government & first nations administration, churches, cemeteries, hospitals & medical centers, health services, education facilities, correctional facilities. Use R160 for youth summer camps.
..S210	Retail, services Retail sales and services. Includes pet kennels.	..S410	Government
..S220	Wholesale Wholesale and warehousing.	..S420	Religious Includes cemetery.
..S240	Cultural and entertainment Music festival, films, galleries, museums, zoos, aquarium, professional sporting events.	..S430	Medical
..S250	Commercial & service – agriculture (off farm) Auction services, implement dealer \ repair, veterinary services, fertilizer sales, pesticide sales, equipment sales.	..S440	Educational
		..S450	Correctional

Definitions: Land Use Classification

Definitions of the Land Use Classifications.

Corresponds to flowchart on page 9 & 10.

.S500	Transportation & communication Includes highways, railways, airports, marinas & docks, telecommunication facilities, marine passenger and shipping, parking.	.S600	Utilities Includes energy transportation & distribution, solid & liquid waste facilities, domestic water tanks and distribution.
..S510	Vehicle 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.	..S610	Energy transmission 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.
..S520	Rail 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.	..S620	Water, waste Municipal water, sewage treatment, water storage towers, water control structures, transfer stations, sewage lagoons.
..S530	Air 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 mowed areas around these features. Not included are industrial park located on airport grounds, even though there may be runway connections to the industrial buildings.	.S700	Military Includes military training, testing, other.
..S540	Water 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.	U000	Unused & land in transition
..S550	Telecommunications 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.	.U100	No apparent non-agriculture use 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.
		.U200	Land in transition Developed land in transition, future change likely to occur. Includes construction site, tree removal, demolished buildings.
		W000	Water management Water, water features, or water management features. Includes reservoirs, managed wetland, dyke parcels, land which provides natural flood/erosion protection (land outside dyke).
		.W100	Control / distribution – ditches, dykes Includes reservoirs.
		.W200	Flood / erosion protection - foreshore Land used to provide flood/erosion protection (land outside dyke), managed wetland.

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**)

- Animal Count
- Active? (Y/N)
- Homesite? (Y/N)
- 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 Very small** 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 Small** 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 Medium** 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 Large** 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 Very large** 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 Very, very large** 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

- | | |
|-----------------|---|
| S Small | 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. |
| M Medium | 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. |
| L Large | 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

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

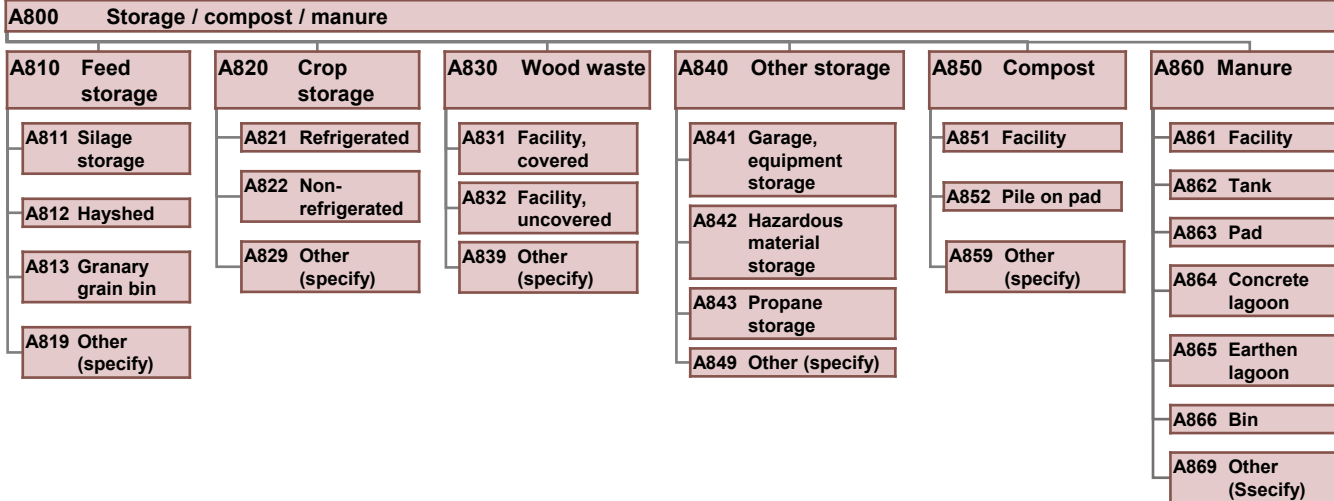
Agricultural Activities

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

- S Small** Will only support small scale agriculture production.
- M Medium** Intended to support medium-scale agriculture production.
- L Large** Intended to support large-scale agriculture production.

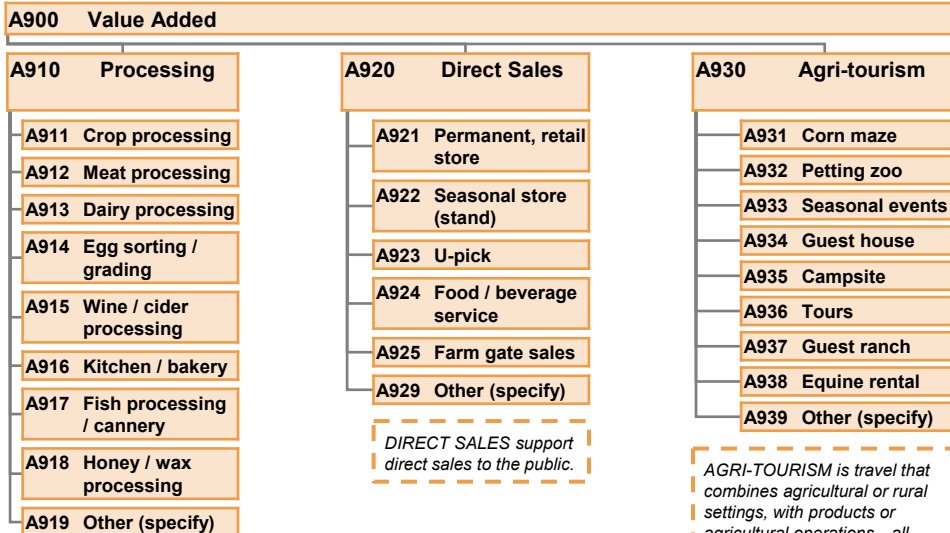
Agricultural Activities

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%, specific other Land Use code (S320 or S330).

For each value added activity, select:

1. Type
2. Scale



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.

DIRECT SALES support direct sales to the public.

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

S Small	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.
M Medium	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.
L Large	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*

*Only use scale for raster ALUI projects.

G Greenhouse

V Vegetable Garden

F Fruit Garden

M Mixed Garden

Only use Small, Medium and Large scales within raster ALUI project. For vector projects, Small Agriculture (B – Very Small) only used for areas that do not meet 50 m² polygon size threshold.

B Very Small

S Small

M Medium

L Large

SELECT: 2. Scale

Less than 100 sq m (less than 10 m x 10 m)

Between 100 sq m and 250 sq m

Between 250 sq m and 400 sq m

Between 400 sq m and 500 sq m

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

P120 Wildlife Scare Device

P122 Electronic noise

P123 Propane exploder

P124 Visual device

P129 Other (specify)

P130 Organic

P139 Specify

P140 Physical Wildlife Barrier

P141 Wildlife fencing

P142 Netting

P149 Other (specify)

P150 Temperature / Light Control

P151 Shade cloth

P152 Tunnel or floating

P153 Wind machine

P159 Other (specify)

P160 Alley Cropping

P169 Specify

P170 Silvopasture

P179 Specify

P180 Forest Farming

P189 Specify

P190 Other Practice

P199 Specify

Definitions: Agricultural Activities

LIVESTOCK

Definitions of the Livestock Agricultural Activities, particular to Unidentified, Conventional, or Specialty livestock. Corresponds to flowchart found on page 38.

L000	Livestock	..L230	Horse (meat) Excludes equestrian stock.
..L100	Unidentified Livestock related structures present so livestock operation is assumed but livestock type can not be identified (livestock not seen). New for 2012.	..L240	Swine 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.
..L200	Conventional livestock	..L250	Sheep / lamb
..L210	Dairy Typically a Holstein breed with irregular black markings. May also be other breeds such as Jersey, Brown Swiss, etc.	..L260	Goat Short-haired domesticated mammal with small horns.
...L211	Milking 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.	..L270	Llama
...L212	Dry cow Cows between lactating cycles or replacement calves and heifers.	..L280	Alpaca
...L219	Other (Specify)	..L290	Mixed conventional Mix of various conventional livestock types - backyard or small scale only - Use for small HOBBY FARMS ONLY.
..L220	Beef	..L300	Specialty livestock
...L221	Cow / calf 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.	..L310	Muskox
...L222	Back grounding 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.	..L320	Deer, fallow
...L223	Finishing 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.	..L330	Reindeer
...L229	Other (specify)	..L340	Bison Bison can jump several times higher than other domesticated farm animals, therefore Bison operations exhibit very strong, high fences.
		..L350	Elk
		..L360	Game bird Includes partridge, pheasant, pigeon, quail.
		..L370	Ratite Includes emu, ostrich, rhea, peacock.
		..L380	Fur Bearing
		..L390	Mixed Specialty - HOBBY 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 38.

.L400	Poultry 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 story) with numerous vents along the sides and/or top. Small grain bins.	.L700	Equine Equine related structures present so equine operation is assumed but equine type can not be identified.
..L410	Chicken	..L710	Horse Regular size horse or foal
...L411	Broiler	..L720	Pony Small size horse or foal
..L412	Layer	..L730	Miniature horse Very small size horse or foal
...L413	Breeder (broiler / layer)	..L740	Donkey
...L414	Pullet (broiler / layer)	..L750	Mule
...L415	Hatchery	..L760	Draft horse ex. Belgian or Clydesdale. Large horse used for labor.
...L419	Other (specify)	..L770	Mixed equine Check out L790. Variety of equine types present. If type of equine can not be determined, use L700.
..L420	Turkey A large domesticated bird with white plumage.	..L790	Mixed equine - hobby 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.
...L421	Meat	.L900	Other livestock
...L422	Breeder	...L909	Specify
...L424	Hatchery	..L990	Mixed Other - HOBBY Wide mix of livestock types - backyard or small scale only - Use for small HOBBY FARMS ONLY.
...L429	Other (specify)		
..L430	Duck		
..L440	Goose		
..L490	Mixed poultry - HOBBY 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 38.

A200	Livestock structures
A210	Intensive facilities Specialized structures designed for confined feeding at high stocking density.
A220	Feedlot / stockyard An enclosed area for intensive livestock confinement - usually with numerous tightly confined paddocks and corrals.
A230	Non-intensive facilities 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.
A250	Field / pasture fencing Includes any type of fence used for more extensive livestock confinement for grazing - barbed-wire, electric, wood – permanent or temporary. Use A230 for more corral / paddocks - smaller areas that usually do not allow grazing.
A280	Equestrian facilities Specialized structures for housing, training, & competing equids. Includes stables, riding rings, racetracks, spectator arena.
A290	Other (specify)

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 38.

B	Very small scale 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.
S	Small scale 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.
M	Medium scale 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.
L	Large scale 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.
L1	Very large scale 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.
L2	Very, very large scale >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 39.

.L500	Bees
..L510	Bees
...L519	Other (specify)

Definitions: Agricultural Activities - Apiculture

SCALE

Definitions of the scales applicable to apiculture agricultural activities.

Scale corresponds to Agricultural Activities - Apiculture, found on page 39.

S	Small apiary 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.
M	Medium apiary 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.
L	Large apiary 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 39.

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

Definitions: Agricultural Activities - Aquaculture

SCALE

Definitions of the scales applicable to aquaculture agricultural activities.

Scale corresponds to Agricultural Activities - Aquaculture, found on page 39.

S	Small scale Can generate a limited amount of product or services for sale. Management requires less than one full time worker.
M	Medium scale Can generate product or services for sale to small local markets. Can distribute without utilizing commercial distribution network.
L	Large scale 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 40.

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

Definitions: Agricultural Activities

SUPPORT STRUCTURES

Definitions of the Support Structures found in Agricultural Activities.

Corresponds to flowchart on page 40.

..A860	Manure Permanent structure or location designed and operated to store and/or treat manure.
...A861	Facility Permanent structure or location designed and operated to store and/or treat manure.
...A862	Tank Permanent structure or location designed and operated to store and/or treat manure.
...A863	Pad Permanent structure or location designed and operated to store and/or treat manure.
...A864	Concrete Lagoon Permanent structure or location designed and operated to store and/or treat manure.
...A865	Earthen Lagoon Permanent structure or location designed and operated to store and/or treat manure.
...A866	Bin Permanent structure or location designed and operated to store and/or treat manure.
...A869	Other (Specify) 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 40.

S	Small Scale Will only support small scale agriculture production.
M	Medium Scale Intended to support medium scale agriculture production.
L	Large Scale Intended to support large scale agriculture production.

Definitions: Agricultural Activities

VALUE ADDED

Definitions of the Value Added Agricultural Activities.

Corresponds to flowchart on page 41.

..A900	Value added At least 50% of the commodity utilized must be produced on farm. If not, use Other Use.	..A920	Direct sales Activities that support direct sales to the public. At least 50% of product for sale should be grown on the farm unit.
...A910	Processing 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.	...A921	Permanent retail store Permanent store that is open all year.
...A911	Crop processing Includes grain milling, oilseed crushing, or berry freezing. Activity must include more than crop washing.	...A922	Seasonal store (stand) 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.
...A912	Meat processing Look for signs on the road or at the parcel entrance for clues.	...A923	U-pick 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.
...A913	Dairy processing	...A924	Food / beverage service Restaurant or take out type service.
...A914	Egg sorting / grading	...A925	Farm gate 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.
...A915	Wine / cider processing	...A929	Other (specify)
...A916	Kitchen / bakery		
...A917	Fish processing / cannery		
...A918	Honey / wax processing Honey or beeswax processing, packaging for retail sales. Note: collection or extraction is NOT value added.		
...A919	Other (specify)		

Definitions: Agricultural Activities

VALUE ADDED

Definitions of the Value Added Agricultural Activities.

Corresponds to flowchart on page 41.

..A930	Agritourism 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.	...A935	Campsite
...A931	Corn maze	...A936	Tours Winery, orchard, alpaca tours.
...A932	Petting zoo	...A937	Guest ranch Guest facilities with horse farm offering equestrian related activities.
...A933	Seasonal events Farm festivals, pumpkin patch, etc.	...A938	Equine rental Trail riding, outfitting.
...A934	Guest house Farm based bed & breakfast accommodation.	...A939	Other (specify)

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 41.

S	Small scale 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.
M	Medium scale 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.
L	Large scale 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 42.

F	Fruit garden Parcels with fruit garden <500 sq meters. Limited investment in agriculture. Predominantly single household endeavour. Management requires less than one full time worker.
G	Greenhouse Parcels with greenhouse <500 sq meters
M	Mixed garden Parcels with mixed garden <500 sq meters. Limited investment in agriculture. Predominantly single household endeavour. Management requires less than one full time worker.
V	Veggie garden 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 42.
Only use Small Agriculture - Scale for raster ALUI projects. For vector ALUIs, only apply Small Agriculture Activities if the Small Agriculture does not meet the 50m² polygon size threshold.*

B	Very small scale < 100 square meters
S	Small scale 100 - 250 square meters
M	Medium scale 250 - 400 square meters
L	Large scale 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	Wildlife scare device
...P122	Electronic noise
...P123	Propane exploder Propane cannon.
...P124	Visual device Bright, shinny spinners or streamers.
...P129	Other (specify)
..P130	Organic
...P139	Specify
..P140	Physical wildlife barrier
...P141	Wildlife fencing Deer fencing, sheep fencing (double fence), electric fencing (primarily for bears), etc.
...P142	Netting
...P149	Other (specify)

..P150	Temp / light control
...P151	Shade cloth Overhead cloth installed to control the amount of sunlight admitted to plants and may provide a physical wildlife barrier.
...P152	Tunnel / floating cover Non-permanent poly cover.
...P153	Wind machine Moves air in spring and fall to protect grapes and tender fruit crops from cold injury.
...P159	Other (Specify)
..P160	Alley cropping 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	Specify
..P170	Silvopasture Integrated management of livestock, forages and trees. Ex. cattle grazing in Christmas tree stands and sheep used for vegetation management in forest plantations.
...P179	Specify
..P180	Forest farming 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	Specify
..P190	Other practice
...P199	Specify

APPENDIX

I300 Sprinkler

I310 Handline



I330 Solid Set

I331 Undertree



I330 Solid Set

I332 Overtree



I320 Wheeline



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

I612 On Ground



I610 Drip Emmitter

I613 Hanging



I620 Spray Emmitter



I620 Spray Emmitter

I621 On Ground



I620 Spray Emmitter

I622 Hanging



I631 Linear Tape

I622 With Plastic Mulch



I700 Landscape Sprinkler

