

A. General Information

This form is for those applicants that choose NOT to use the NMAN software to prepare the Nutrient Management Strategy they are required to submit to the Province of Ontario. Please ensure you read all the material. Once completed and signed, this is a legal document that you have certified to be correct. This form, once completed with the required attachments, will constitute the Nutrient Management Strategy. It is your responsibility to review/follow Ontario Regulation 267/03, as amended. The Reviewer's Checklist is a good reference tool when completing your application.

- Please ensure to retain a copy of your completed NM Strategy (and NM Plan, if applicable) for your records. Please note, approved documents will not be returned. It is your responsibility to keep copies of the documents that comprise your approved NMS.
- You will be contacted by OMAFRA staff if you are required to provide additional information during the review process.
- Upon approval, your NM Strategy is valid for a period of 5 years. At that time, you are not required to resubmit, but are required to update the NM Strategy and to keep it on file and available for inspection, if requested.

B. Application Status

Please check which of the following applies:

- This NMS is being submitted for approval.
- This NMS is being submitted as part of the submitter's certification requirements.

C. Operation Information**1. Farm Unit Operator**

Name of Farm Unit Operator

Legal Farm Name

Address

[See Farm Unit Declaration Form \(attached\)](#)

2. Certified Nutrient Management Planner

Name of Certified Nutrient Management Planner

Certification Number

Telephone No. (incl. Area code)

E-mail Address

Section 1 Overview of the Operation

Please provide a description of the operation including the following:

1. Reason for submission (expanding operation, new operation, planned changes).
2. Type and size of operation.
3. Overview of livestock/poultry facilities and practices that impact nutrient management, e.g. all in/all out; feed additives used.
4. Prescribed material produced or received, including all Non-agricultural source material (NASM).
5. Overview of cropping and management practices.

Section 2 Farm Unit Declaration

1. Please attach the Farm Unit Declaration form.
2. For corporations, please attach a copy of the first page of your Articles of Incorporation showing the incorporation number. If there has been a name and/or address change please attach MCBS Schedule A (part of the T23 Corporate Tax and Annual Return). These documents will be used for verification of the recorded name and address.

Section 3 Farm Unit and Farmstead Sketches

Map of Farm Unit Properties *(attach clearly labelled map)*

(The Farm Unit map may be a photocopy of a map of the area representing all properties, computer generated or hand drawn. More than one map may be required to include all properties. Please ensure all features listed below are shown. The map should be readable and include a north arrow.)

- Location of the entire land base declared in the Farm Unit:
 1. Land owned or controlled (rented or leased) or otherwise forms part of the Farm Unit;
 2. Road names, municipal boundaries.

Farmstead Sketch *(attach clearly labelled sketch)*

(The farmstead sketch(s) may be an aerial photo, computer generated or hand drawn and must include/address the following items, either by including them on the sketch, or indicating on the sketch that they do not exist. Sketch should be readable and include north arrow.)

- Location of generation facilities and storage(s):
 1. Permanent, temporary and proposed generating facilities;
 2. Permanent, temporary and proposed storage facilities and sites;
 3. Dimensions of all generating and storage facilities and sites.
- Distance from sensitive features to the nearest permanent nutrient storage/generating facility, including:
 1. Known wells (includes gas, oil, test and water wells);
 2. Municipal wells;
 3. Tile inlets;
 4. Surface water (as defined in Part I of O.Reg. 267/03).
- For nutrient storage within 50 metres of surface water, show a Flow Path of at least 50 metres to surface water or tile inlet.

Section 4 Volume of Prescribed Material Produced Annually

Please provide a detailed description of the prescribed material produced and/or transferred into the Farm Unit in Table 4.1 and 4.2. *(Must include all prescribed materials generated in and transferred into this Farm Unit).*

1. Ensure all liquid systems, washwater, runoff from scrape alleys and paved yards or roofs are included in total volume of liquid prescribed material for this operation.
2. Ensure additional bedding is included in the total volume of solid prescribed material for this operation.
3. Ensure any runoff from solid storages is accounted for.
4. If livestock weight is lower than the value in Table 3.1 of the Nutrient Management Protocol incorporated into O.Reg. 267/03, as amended, a comprehensive detailed explanation must be attached.
5. For manure storage calculations:
 - a. **New or expanding facilities** – the number of farm animals must be equal to or greater than the number determined using the Housing Capacity Guidelines (provided in O.Reg. 267/03 Table 3.1) or documentation must be included indicating that the maximum housing capacity of the barn is less than the Housing Capacity Guidelines.
 - b. **Existing facilities** – the manure storage calculations are based on actual usage of the facility.
 - c. In all cases, a comprehensive, written explanation must be included if the declared housing usage is less than the maximum housing capacity of the barn.
6. Attach and clearly label detailed volume calculation of prescribed materials.

TABLE 4.1 Description of Generating Facilities that are Part of this Operation

Number of Livestock for Each Generating Facility included as Part of the Operation

Complete the information below using the three (3) livestock categories listed in the Reference Table for Determining the Number of Nutrient Units per Livestock Type found on page 17.

Farm Name as Recorded in the Farm Unit Declaration	Type of Livestock	Subtype	Sub-subtype	Number of Livestock	Nutrient Units	Storage System Number <i>(from Table 5.1)</i>	Annual Agricultural Source Material Production <i>(per Storage System)</i>	Agricultural Source Material Production Units
1.								<input type="checkbox"/> Litres <input type="checkbox"/> Tonnes <input type="checkbox"/> Gallons (Imp.) <input type="checkbox"/> Tons
2.								<input type="checkbox"/> Litres <input type="checkbox"/> Tonnes <input type="checkbox"/> Gallons (Imp.) <input type="checkbox"/> Tons
3.								<input type="checkbox"/> Litres <input type="checkbox"/> Tonnes <input type="checkbox"/> Gallons (Imp.) <input type="checkbox"/> Tons
4.								<input type="checkbox"/> Litres <input type="checkbox"/> Tonnes <input type="checkbox"/> Gallons (Imp.) <input type="checkbox"/> Tons
5.								<input type="checkbox"/> Litres <input type="checkbox"/> Tonnes <input type="checkbox"/> Gallons (Imp.) <input type="checkbox"/> Tons
6.								<input type="checkbox"/> Litres <input type="checkbox"/> Tonnes <input type="checkbox"/> Gallons (Imp.) <input type="checkbox"/> Tons

Additional generating facilities listings are attached.

Section 5 Storage Facilities

1. Ensure storage location and dimensions are included in the Farmstead Sketch.
2. Ensure liquid storage has 0.30 metres minimum freeboard, or 0.15 metres if storage has a non-slatted floor **and** is permanently covered.
3. If runoff management is required for one or more solid storage facilities, complete and attach the **Runoff Management Checklist** available at www.omafra.gov.on.ca .
4. If temporary storage is required, complete and attach **Temporary Storage Checklist** available at www.omafra.gov.on.ca .
5. For new and expanding prescribed material storage facilities, attach an **Engineer's Commitment Certificate**. The **Engineer's Commitment Certificate** is **not** required for a permanent, solid nutrient storage facility that has (O.Reg. 267/03, Section 62):
 - a. a volume less than 600 cubic metres ;
 - b. a surface area less than 600 square metres; **and**
 - c. walls that do not have an exposed height of more than 1 metre.
6. Document the number of days of storage for each storage facility identified in Table 5.1.
7. Attach and clearly label the calculations of the days of storage for each storage system listed in Tables 4.1 and 5.1.
8. If the number of days of storage is less than 240, attach a detailed description showing how the prescribed materials will be managed within the storage capacity of the operation.
9. The prescribed materials generated in the NM Strategy must be accounted for in the NM Plan.

Table 5.1 Description of Storage Facilities that are Part of this Farm Unit

Name of Facility	Type of Facility	Type of Storage <i>(check <input checked="" type="checkbox"/> one)</i>	Dimensions <i>(include units of dimension – feet or metres)</i>	Storage Covered <i>(check <input checked="" type="checkbox"/> one)</i>	Agricultural Source Material Type <i>(check <input checked="" type="checkbox"/> one)</i>	Storage System Number <i>(transfer to Table 4.1)</i>	Days of Storage <i>(per Storage System)</i>
1.	<input type="checkbox"/> Existing <input type="checkbox"/> Proposed	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Steel <input type="checkbox"/> Temporary		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid		
2.	<input type="checkbox"/> Existing <input type="checkbox"/> Proposed	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Steel <input type="checkbox"/> Temporary		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid		
3.	<input type="checkbox"/> Existing <input type="checkbox"/> Proposed	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Steel <input type="checkbox"/> Temporary		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid		
4.	<input type="checkbox"/> Existing <input type="checkbox"/> Proposed	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Steel <input type="checkbox"/> Temporary		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid		
5.	<input type="checkbox"/> Existing <input type="checkbox"/> Proposed	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Steel <input type="checkbox"/> Temporary		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid		
6.	<input type="checkbox"/> Existing <input type="checkbox"/> Proposed	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Steel <input type="checkbox"/> Temporary		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid		
7.	<input type="checkbox"/> Existing <input type="checkbox"/> Proposed	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Steel <input type="checkbox"/> Temporary		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid		

Additional storage facilities listings are attached.

Section 6 *Nutrient Content of Prescribed Materials*

Complete Table 6.1 on the following page, including the following information:

1. List the nutrient values (ammonia and ammonium nitrogen, total kjeldahl nitrogen, total phosphorous, total potassium and total solids) for the prescribed materials generated or received as part of this operation.
2. If databank nutrient content was used, the dry matter must correspond to the predicted dry matter range in Appendix 1 of the Nutrient Management Protocol.
3. If nutrient analysis is used, attach and clearly label the test results. If the test results vary from those provided in Appendix 1 of the Nutrient Management Protocol, attach an explanation.
4. For blended manures, attach detailed calculations of nutrient and dry matter content.
5. Attach other information, e.g. verification of use and influence of feed additives (if used), separator or digester used.

Table 6.1 Nutrient Content of Prescribed Materials

Prescribed Material (describe related to storage or transfer-in identified in Table 4.2)	Nutrient Content					Check <input checked="" type="checkbox"/> method for determining nutrient values	
	Ammonium – N (NH4-N)	Total kjeldahl nitrogen (TKN)	Total Phosphorus (P)	Total Potassium (K)	Total Solids (dry matter)	Data-Bank (check <input checked="" type="checkbox"/> one)	Lab Analysis (attach copy) (check <input checked="" type="checkbox"/> one)
1. e.g. Liquid Heifer Manure (values reported as % of fresh weight)	700 ppm	1.2%	0.23%	1.5%	1.8%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.						<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Additional storage facilities listings are attached.

Section 7 Destination of Prescribed Materials

For all prescribed materials generated on the Farm Unit or other operation, a detailed, written description of their intended destination is required. Please fill out Table 7.1. Indicate the percentage of prescribed materials being land applied in the Farm Unit and transferred off the Farm Unit for each manure system for each of five (5) years.

Table 7.1 Destination of Prescribed Materials

Prescribed Material (describe related to storage or transfer-in identified in Table 4.2)	Year	Source (check <input checked="" type="checkbox"/> one)	Type	Amount (Include Units of Measure)	Days of Storage	Destination
1. e.g. Hog Feeder Storage	2006	<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation	Swine	900,000 gallons	240	This Farm Unit % Transferred %
1.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %
2.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %
3.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %
4.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %
5.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %
6.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %
7.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %
8.		<input type="checkbox"/> This Farm Unit <input type="checkbox"/> Another Ag Operation <input type="checkbox"/> Non-Ag Operation				This Farm Unit % Transferred %

Additional storage facilities listings are attached.

Section 8 Transfer of Prescribed Materials

1. For transfer of prescribed materials out of the Farm Unit, please provide the following in Table 8.1:

1. Type of transfer (broker, NMA transfer, non-NMA transfer).
2. Name of receiver.
3. Location.
4. Volume of prescribed materials being transferred.
5. Tillable acres available for the prescribed material.
6. Date of transfer.

2. Attach any necessary transfer or broker agreements as per O. Reg. 267/03. s.20, s.36, s. 37.

To ensure your contract meets your commercial needs outside of the regulatory requirements, you should seek legal advice.

Transfer Agreements must identify:

1. the person who owns or controls the operation **from** which the materials are to be transferred;
2. the person who owns or controls the operation **to** which the materials are to be transferred;
3. the type of material to be transferred;
4. the quantity of material to be transferred;
5. the proposed date of transfer; and
6. the operation identifiers of both the receiving and generating operations, if assigned.

Broker agreements with generators must identify:

1. the type of prescribed material to be received;
2. the quantity of prescribed material to be received;
3. the projected date of receipt;
4. a description of the operation in which the prescribed material was generated;
5. the operation identifier for the operation in which the material was generated or for the farm unit where the operation is carried out, if assigned.

The broker shall retain the above records for four years after the date of receiving the prescribed materials.

Broker agreements with receivers must identify:

1. the type of prescribed material to be transferred;
2. the quantity of prescribed material to be transferred;
3. the proposed date of transfer;
4. a description of the operation to which the prescribed material was transferred;
5. the operation identifier for the operation or for the farm unit where the operation is carried out, if assigned.

The broker shall retain the above records for four years after the date of transferring the prescribed materials.

Table 8.1 Location and Identification of Outgoing Prescribed Material Transfers

No outgoing transfers; all prescribed material is applied on this Farm Unit (check if applicable)

Type of Transfer (check <input checked="" type="checkbox"/> one)	Name of Receiver	911 Address	Roll Number	Upper Tier (county)	Lower Tier (township)	Geo Township (former township)	Conc.	Lot	Telephone (incl. Area code)	Tillable Acres	Date (yyyy/mm/dd)	Amount of Agricultural Source Material (provide units of measure)
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												
<input type="checkbox"/> Broker <input type="checkbox"/> NMA Transfer <input type="checkbox"/> Non-NMA Transfer												

Additional outgoing transfer listings are attached.

Section 9 Contingency Plan

Does this operation have a written Contingency Plan that includes all of the items listed below?

Yes No

The Contingency Plan must address all of the following in the event unforeseen circumstances occur:

1. The names and contact numbers for people who are authorized to make decisions for the operation in an emergency.
2. When more nutrients are generated and/or received than planned.
3. When storage is reaching capacity sooner than planned.
4. Unanticipated release of nutrients (e.g. spills, breaks in equipment or storage, etc.). List the phone numbers for **MOE Spills Action Centre (1 800 268-6060)**, local municipalities, emergency assistance and the names and phone numbers of neighbours and heavy equipment operators to contact.

Indicate how you will:

- Avoid a spill
 - Stop a spill
 - Contain a spill
5. When weather conditions and/or equipment conditions and availability prevent planned storage or field application.

Reference Table for Determining the Number of Nutrient Units per Livestock Type

Type of Livestock			
Type	Subtype	Sub-subtype	Nutrient Units (animals/NU)
Beef	Backgrounders (7–12.5 months)	Confinement	3
Beef	Backgrounders (7–12.5 months)	Yard/Barn	3
Beef	Cows (includes calves to weaning)	Confinement	1
Beef	Cows (includes calves to weaning)	Deep Bedded	1
Beef	Cows (includes calves to weaning)	Yard/Barn	1
Beef	Feeders (7–16 months)	Confinement	3
Beef	Feeders (7–16 months)	Confinement Bedded Pack	3
Beef	Feeders (7–16 months)	Confinement Total Slats	3
Beef	Feeders (7–16 months)	Yard/Barn	3
Beef	Short Keep (12.5–17.5 months)	Confinement	2
Chickens	Broiler Breeder Growers (females + males transferred out)	Floor System	300
Chickens	Broiler Breeder Layer (females + males transferred in)	Cages	100
Chickens	Broiler Breeder Layer (females + males transferred in)	Litter With Slats	100
Chickens	Broilers	8-Week Cycle	351
Chickens	Broilers	9-Week Cycle	300
Chickens	Broilers	10-Week Cycle	250
Chickens	Broilers	12-Week Cycle	199
Chickens	Layer Pullets (day-olds)	Cages	500
Chickens	Layer Pullets (day-olds)	Litter	500
Chickens	Laying Hens	Belt And Other Removal System (daily)	150
Chickens	Laying Hens	Belt With Air Drying (daily)	150
Chickens	Laying Hens	High Rise – Stored In Barn	150
Chickens	Laying Hens	Liquid – Stored In Barn	150
Chinchilla	Breeding Females (incl. males/rep/market animals)		320
Dairy	Calves Large-Frame		6
Dairy	Calves Medium-Frame (Guernsey Size)		7
Dairy	Calves Small-Frame (Jersey Size)		8.5
Dairy	Heifers Large-Frame	Deep Bedded	2
Dairy	Heifers Large-Frame	Free Stall	2
Dairy	Heifers Large-Frame	Manure Pack Outside Access	2
Dairy	Heifers Large-Frame	Pack Scrape 1 Side	2
Dairy	Heifers Large-Frame	Pack Scrape 2 Sides	2
Dairy	Heifers Medium-Frame (Guernsey size)	Deep Bedded	2.4
Dairy	Heifers Medium-Frame (Guernsey size)	Free-Stall	2.4
Dairy	Heifers Medium-Frame (Guernsey size)	Pack Scrape	2.4
Dairy	Heifers Small-Frame (Jersey size)	Deep Bedded	2.9
Dairy	Heifers Small-Frame (Jersey size)	Free-Stall	2.9
Dairy	Heifers Small-Frame (Jersey size)	Pack Scrape	2.9

Reference Table for Determining the Number of Nutrient Units per Livestock Type - continued

Type of Livestock			
Type	Subtype	Sub-subtype	Nutrient Units (animals/NU)
Dairy	Milking Age Cows Large-Frame	4-Row Free-Stall Head-To-Head	0.7
Dairy	Milking Age Cows Large-Frame	4-Row Free-Stall Tail-To-Tail	0.7
Dairy	Milking Age Cows Large-Frame	6-Row Free-Stall	0.7
Dairy	Milking Age Cows Large-Frame	Bedded Pack	0.7
Dairy	Milking Age Cows Large-Frame	3-Row Free-Stall	0.7
Dairy	Milking Age Cows Large-Frame	Sand	0.7
Dairy	Milking Age Cows Large-Frame	Tie-Stall	0.7
Dairy	Milking Age Cows Medium-Frame (Guernsey size)	Bedded Pack	0.85
Dairy	Milking Age Cows Medium-Frame (Guernsey size)	Free-Stall	0.85
Dairy	Milking Age Cows Medium-Frame (Guernsey size)	Tie-Stall	0.85
Dairy	Milking Age Cows Small-Frame (Jersey size)	Bedded Pack	1
Dairy	Milking Age Cows Small-Frame (Jersey size)	Free-Stall	1
Dairy	Milking Age Cows Small-Frame (Jersey size)	Tie-Stall	1
Deer/Elk	Elk Adults (>24 months) (includes unweaned offspring)		2
Deer/Elk	Elk Feeders		6
Deer/Elk	Elk/Red Deer Hybrid Adults (includes unweaned offspring)		4
Deer/Elk	Elk/Red Deer Hybrid Feeders		10
Deer/Elk	Fallow Deer Adults (>24 months) (includes unweaned offspring)		13
Deer/Elk	Fallow Deer Feeders		23
Deer/Elk	Red Deer Adults (>24 months) (includes unweaned offspring)		7
Deer/Elk	Red Deer Feeders		14
Deer/Elk	White-Tailed Deer Adults (>24 months) (includes unweaned offspring)		11
Deer/Elk	White-Tailed Deer Feeders		21
Ducks	Peking	Breeders	105
Ducks	Peking	Growers	105
Emu	Adults (includes offspring to market size)		12
Fox	Breeding Females (includes rep/market animals/males)		25
Goats	Dairy Does (including unweaned offspring)	Confinement	8
Goats	Dairy Kids	Confinement	
Goats	Feeder Kids (>20 kg)	Confinement	
Goats	Mature Meat Goat (including unweaned offspring)		8

Reference Table for Determining the Number of Nutrient Units per Livestock Type - continued

Type of Livestock			
Type	Subtype	Sub-subtype	Nutrient Units (animals/NU)
Horses	Large-Frame (including unweaned offspring)	Box Stalls	0.7
Horses	Medium-Frame (including unweaned offspring)	Box Stalls	1
Horses	Small-Frame (including unweaned offspring)	Box Stalls	2
Mink	Breeding Females (includes rep/market animals/males)		90
Ostrich	Adults (includes offspring to market size)		4
Rabbits	Breeding Does (includes bucks/rep/fryers)	1-Tier Cages	40
Rabbits	Breeding Does (includes bucks/rep/fryers)	2-Tier Cages	40
Rabbits	Breeding Does (includes bucks/rep/fryers)	3-Tier Cages	40
Sheep	Dairy and Feeder Lambs	Confinement	20
Sheep	Dairy and Feeder Lambs	Outside Access	20
Sheep	Dairy Ewes and Rams (including unweaned offspring and replacements)	Confinement	6
Sheep	Meat Ewes and Rams (including unweaned offspring and replacements)	Confinement	8
Sheep	Meat Ewes and Rams (including unweaned offspring and replacements)	Outside Access	0
Swine	Feeders	Full Slats	6
Swine	Feeders	Full Slats (wet/dry feeders)	6
Swine	Feeders	Deep Bedded	6
Swine	Feeders	Partial Slats	6
Swine	Feeders	Partial Slats (wet/dry feeders)	6
Swine	Feeders	Solid Scrape	6
Swine	Gilts – Breeders		5
Swine	Sows (dry) (AI)	non-SEW	3.64
Swine	Sows (dry) and Boars	non-SEW	3.5
Swine	Sows (dry) and Boars	SEW	3.33
Swine	Sows with Litters	non-SEW	3.5
Swine	Sows with Litters	SEW	3.33
Swine	Sows, boars, and litters	SEW	3.5
Swine	Weaners	non-SEW	20
Swine	Weaners	non-SEW (wet/dry)	20
Swine	Weaners	SEW	20
Swine	Weaners	SEW (wet/dry)	20

Reference Table for Determining the Number of Nutrient Units per Livestock Type - continued

Type of Livestock			
Type	Sub type	Sub-sub type	Nutrient Units (animals/NU)
Turkeys	Breeder Toms		
Turkeys	Broilers <6.2kg		133
Turkeys	Hens 6.2–10.8 kg		107
Turkeys	Toms >10.8 kg		76
Turkeys	Turkey Breeder Layers		
Turkeys	Turkey Pullet (0–6 weeks)		267
Veal	Grain-Fed Veal		6
Veal	Milk-Fed Veal		6

NOTE:

For animals not listed in the table above, the number of animals per nutrient unit can be calculated by determining the number of animals that will produce the amount of nutrients that give the fertilizer replacement value of the lower of 43 kilograms of nitrogen or 55 kilograms of phosphate as nutrient. Consult with Ministry staff if assistance is required to complete this calculation.