

**Montana Department of Agriculture Organic Certification Program
Organic Production System Plan Livestock Addendum**

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Please complete this form and attach it to your Organic Production System Plan if you are requesting organic certification for livestock. Complete all sections of the form, mark "Not Applicable" where appropriate. Failure to complete the form will delay processing your application for certification. Use additional sheets if necessary. Please contact the Department for additional forms or if you have any questions.

Section 1: Origin of Livestock	NOP § 205.236
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LIVESTOCK PRODUCTION OVERVIEW

1.1 Complete the table below for all animals or animal products to be sold, labeled or represented as organic.

Livestock or Livestock Product	Estimated Annual Production	Production Units (LBS, GAL CWT, HEAD, etc.)	Species/breed (PLEASE LIST ALL APPLICABLE)
<input type="checkbox"/> Livestock for Slaughter			
<input type="checkbox"/> Replacement Animals			
<input type="checkbox"/> Breeding Stock			
<input type="checkbox"/> Meat			
<input type="checkbox"/> Milk			
<input type="checkbox"/> Fiber products			
<input type="checkbox"/> Eggs			
<input type="checkbox"/> By-products:			
<input type="checkbox"/> Other (specify):			
<input type="checkbox"/> Other (specify):			

1.2 Indicate livestock handling activities for which you are requesting certification.

- | | | | |
|---|---|---|---------------------------------------|
| <input type="checkbox"/> Slaughter / Eviscerate | <input type="checkbox"/> Cool and age meat | <input type="checkbox"/> Cut and wrap meat | <input type="checkbox"/> Make sausage |
| <input type="checkbox"/> Milk animals | <input type="checkbox"/> Cool and store bulk milk | <input type="checkbox"/> Bottle or package milk | <input type="checkbox"/> Make cheese |
| <input type="checkbox"/> Wash and/or pack eggs | <input type="checkbox"/> Process wool / fiber | | |
| <input type="checkbox"/> Other (specify): _____ | | | |

If you checked any of these boxes, please complete Section 6 of this addendum, or a separate Organic Handling System Plan.

1.3 Animals requested for Organic Certification

Complete the following table or attach a current list of the number of animals in each class of livestock in your operation. "Classes" may include slaughter stock, breeding stock, bulls, heifers, yearlings, calves or similar designations for other species. Indicate if the animals were born on the farm/ranch or purchased, if they are eligible for slaughter as organic and (for dairy animals) the date they may produce organic milk.

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Feed or Material (brand name/formulation and manufacturer)	Type of Livestock and Reason for Use	Location where Stored, Used or Fed

1.6 Dairy Transition: N/A No dairy animals

Please describe your dairy herd transition plan. What date did you begin (or plan to begin)? _____

How does your plan ensure that dairy animals receive 100% certified organic feed and/or transitional feed from the third year of transition on your farm for the 12 months immediately before sale of organic milk?

1.7 Please discuss anticipated changes in animal numbers or classification in your operation. Specifically, describe cull rates, mortality rates, slaughter plans, sales, maturation into another class of livestock (heifers mature into cows) or any other change in inventory or classification of animals.

1.8 Describe your animal identification system (ear tags, notching, photos or drawings, branding, leg bands, flock purchase date, etc).

1.9 Have any animals requested for organic certification been purchased? Yes No

If yes, please have records available that show the type, age and number of animals purchased, contact information for the source, and a copy of the producer's organic certificate, if applicable.

RECORDKEEPING

Please have all production records and audit trail documents available for inspection. Records must be sufficient to preserve and track the identity of all organic animals and all animal products produced in the operation.

1.10 List the records you keep, and will have available for inspection, to document the origin of livestock to be certified organic.

- | | | |
|---|---|--|
| <input type="checkbox"/> animal purchase records | <input type="checkbox"/> organic certificates | <input type="checkbox"/> breeding records |
| <input type="checkbox"/> birth or hatch records | <input type="checkbox"/> feed records | <input type="checkbox"/> health care records |
| <input type="checkbox"/> other <u>list or describe</u> | | |

LABELING

1.11 Do you use or plan to use any product labels? Yes No

If yes, attach a copy of your proposed label for approval by the department before printing. Label attached

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Livestock Section 2: Livestock Living Conditions	NOP §205.239, 205.240
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2.1 Describe organic livestock living conditions.

a. Describe livestock access to the outdoors, shade, fresh air, and direct sunlight suitable to the species and stage of life and the climate / environment.

b. Describe the location and sources of shade. Shade is indicated on attached (pasture) maps.

c. Describe the source(s) of livestock drinking water, water delivery systems or equipment, and location(s) of drinking water for livestock on pasture (if applicable).

Water sources are indicated on attached (pasture) maps.

d. If you add anything to livestock water, please complete the following table.

N/A, No materials added to water

Substance / Material	Rate (amount used)	Concentration	Reason for use	Frequency or time of application

e. Describe how you prevent erosion around water sources and damage to natural wetlands and riparian areas, and risks of contamination of water.

f. Complete the following table to describe yards, feeding pads, feedlots, housing or other confinement areas for livestock. N/A, No housing or confinement

Name / Type of Confinement Area	Class of Livestock	Number of Livestock	Area (Square Feet)	When and for how long are animals confined

g. Describe how shelters and confinement structures are designed to allow for natural maintenance, comfort behaviors, and opportunity to exercise for all classes of livestock that are confined.

h. Describe how temperature, ventilation, and air circulation are managed in shelters and confinement structures.

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- i. Describe how shelters and confinement structures are designed and/or how animals are managed to reduce the potential for injury.

- j. Describe how you manage yards, feeding areas and lanes to keep them well-drained and clean.

- k. Describe how you prevent runoff of wastes, contamination of water and drainage across property boundaries.

- l. Complete the following table to describe bedding used for each class of livestock. If bedding or roughages are consumed, they must be certified organic.

Livestock (class)	Type of Bedding	Source of Bedding	Is bedding consumed (Y/N)?	Certifier (N/A if not organic)

2.2 Lumber treated with arsenate or other prohibited materials:

Identify locations where you have used treated lumber, ***in new installations or for replacement purposes***, and describe how you prevent contact with soil or livestock.

_____ N/A, No treated lumber used

TEMPORARY CONFINEMENT and/or NON-GRAZING PERIODS FOR RUMINANT LIVESTOCK

2.3 Describe how many hours per day each class of animals is outdoors, noting seasonal differences as needed. Use one line to describe each class of animal.

2.4 Describe the circumstances that would require animals (specify for each class of livestock) to be temporarily confined (stage of life, health and safety, risk to soil or water quality, preventative healthcare, sorting or shipping animals), and/or for ruminants to be off pasture.

2.5 Describe the records used to document temporary confinement of animals.

_____ *Records must be available for inspection showing time periods and reasons for any temporary confinement.*

NATURAL RESOURCES

2.6 Describe how you manage manure to maximize cycling of nutrients and to prevent contamination of crops, soil, and water?

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Livestock Section 3: Livestock Health Care Practice NOP §205.238

3.1 Identify and describe your preventative livestock health care practices. Indicate the class(es) of livestock for which each practice is used, or note if for all animals.

- Choose well-adapted species and breeds, resistant to common health problems
specify breeds / species
- Selective breeding
- Raise own replacement stock (closed herd or flock)
- Quarantine / observe incoming stock, isolating any sick animals
- Good quality feed rations, adequate nutrition
- Nutritional supplements or probiotics
specify supplements / probiotics
- Vaccines or biologics
- Provide healthy living conditions
(access to the outdoors, shade, fresh air, direct sunlight, freedom of movement / exercise)
- Appropriate shelter, or housing with clean dry bedding
- Cleanliness, good sanitation, manure management / removal
- Physical alterations for the animals' welfare
- Control of vectors or intermediate hosts
describe control measures
- Pest / parasite exclusion or management
- Rotation of pastures, paddocks, yards, houses, feeding / watering areas
- Grazing management:
describe grazing system / type
- Biological control parasite / parasitoid / predator releases
list control agents used
- Natural predators and recyclers (poultry, cattle egrets, dung beetles, etc.)
list specific species
- Monitor for pests, diseases, and injuries
- Other forms of pest management (specify):

3.2 How do you monitor livestock health (what do you record and how often)?

3.3 Complete the follow table to list problem pests that may affect your livestock (flies, internal parasites, external parasites, predators), monitoring methods and frequency and prevention/management strategies for each pest.

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Pest	Monitoring Methods	Monitoring Frequency	Prevention / Management Strategies

3.4 Do you perform, or have performed, any physical alternations (castration, dehorning, tail docking, beak trimming, wing clipping, branding, ear tagging, etc.) to your livestock? Yes No
 If yes, complete table. List attached

Physical Alteration	Method of Alteration	Age when Performed	Methods to Minimize Pain and Stress

3.5 List all vaccines administered to your livestock. No vaccines used

Vaccine	Brand / Manufacturer	Class of Livestock	Age / Time Administered	Disease / Condition to be Prevented

3.6 List all medications or treatments (including homeopathic or herbal) administered to your livestock (or available if the need arises). Attach a label and/or manufacturer's statement for each material listed. Label(s) attached

Medication / Treatment	Brand / Manufacturer	Class of Livestock Treated	Purpose / Ailment Treated

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- 3.7 List the records you keep to document livestock health care.
- individual animal/flock health records
 vaccination record
 medical treatment record
 breeding records (lactation/gestation/pregnancy checks/birth)
 parasiticide use record
 other list all

Livestock Section 4: Feed Rations & Pasture Practice NOP §205.2, 205.237, 205.240, 205.290

FEEDS AND FEED RATIONS

4.1 Describe the total feed ration for each class of livestock. Include pasture, grazed forage, hay, other feed produced on-farm, and all purchased feed. List amounts as fed (not dry matter equivalent), using units appropriate to each animal group.

Producers must document the amount of each type of feed actually fed to each type and class of animal. Please have these records available for inspection. Additional Rations Attached

Class of Livestock	Number of Animals	Feed	Daily Ration (Per Animal or Flock)	
			(During) Grazing Season	Non-Grazing Season
<i>EXAMPLE:</i>		<i>Native Range / pasture</i>	<i>Free choice</i>	<i>n/a</i>
<i>Beef slaughter stock</i>	<i>100</i>	<i>Alfalfa-Grass Hay</i>	<i>None</i>	<i>25 LBS/head</i>
		<i>American Stockman® Salt Block</i>	<i>Free Choice</i>	<i>Free Choice</i>

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4.2. Source of feeds

Are all feeds and feed ingredients provided to your livestock included in the ration(s) listed above? Yes No

If no, indicate any feed that is not part of the ration(s) indicated and explain when and for what animals the feed is used. _____

Are all feed (crops) that you produce on your farm included in your Organic System Plan AND listed on your Certificate of Organic Operation? Yes No

Are all purchased feeds and feed ingredients sources from a certified organic producer or handler? Yes No N/A, no feed purchased

Do you have documentation of the certification of all feed suppliers? Yes No
Please have this documentation available for review at your inspection.

If no, to any question above, please explain.

4.3 Please indicate if you have (or have not) used any of the following practices or substances:

Animal drugs, including hormones to promote growth Yes No

Feed supplements or additives in amounts above those needed for adequate nutrition and health maintenance Yes No

Plastic pellets for roughage Yes No

Feed formulas containing urea or manure Yes No

Feed, feed additives or supplements in violation of the Federal Food, Drug and Cosmetic Act Yes No

Feed or forage to which any antibiotic, including ionophores, has been added Yes No

If yes to any of the above, describe the circumstances, list animals, dates of use or treatment and specify the materials used.

Please have records available for inspection that identify animals fed or treated with prohibited substances, and the location and/or disposition of those animals.

4.4 Please list all livestock feed additives or supplements used or planned for use with organic livestock.

Additional list Attached

Feed Additive / Supplement	Manufacturer	Type of Material / Reason for Use	Is this material on the National List?	Label / Ingredient Statement attached
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Please have all materials and/or labels from materials available for review at your inspection.

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4.5 Do you use any restricted or annotated materials, such as parasiticides, in your livestock production? Yes No
 If yes, indicate how your use complies with the restriction or annotation, and the records you keep to document compliance.

4.6 If / when you use prohibited materials, such as antibiotic use for humane treatment of a sick animal, indicate the possible circumstances for use, and describe your system for identification, management and disposition of any animals treated with prohibited materials.
 N/A, no prohibited materials used or planned for use

Livestock Section 5: Pasture Practice Standard NOP §205.2, 205.237, 205.240, 205.290

5.1 Please check to verify that your pasture maps, attached or previously submitted to the department, include the following information:
 Grazing locations (pastures, rangeland, lots, etc.) Area (acreage) of all grazing locations
 Grazing Season Class of animals Number of animals OR stocking rate
If any of the above information is NOT included on your pasture maps, please provide the missing information and label the information as "attachment to Livestock Addendum, section 5.1".

5.2 Briefly describe your pasture resources, including:
 Predominant species or mixes _____
 Are pastures native, introduced, or both?
 Carrying capacity / stocking rates _____
 Other descriptive information _____

5.3 Please describe your grazing management practices (indicate all that apply):
 Continuous Extensive (turn out) rotational Management Intensive Grazing (MIG)
 other **describe**

5.4 How long is a typical grazing period on a given grazing location? _____
 Explain factors that influence your decision about the frequency of livestock movement between pastures.

5.5 How long is a typical resting period (days) before animals return to graze the same location (pasture)?

5.6 What is the average animal density or stocking rate on your pastures? _____

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5.7 Describe your strategies to minimize diseases and parasites.

5.8 Describe the location and type(s) of fencing used. Fencing is clearly shown on pasture maps.

5.9 Please describe your grazing season:
What are the approximate start and end dates of your grazing season?
annual start date to **annual end date**;
What are the precipitation patterns and/or climatic conditions that define your grazing season?

5.10 Indicate the pasture management strategies and cultural practices you use to ensure that your pastures can provide sufficient quality and quantity of forage throughout the grazing season (at least 30% of the animals' dry matter intake (DMI) for at least 120 days per year).
 Irrigation Fertilization Re-seeding Crop Rotation Clipping
 Growing Forage Crops **list crops** Use of Residual Forage
 other **describe**

5.11 Is irrigation available for use on any of your pastures? Yes No
If yes, describe irrigation use and/or limitations:

RECORDKEEPING

5.12 Indicate the records you keep, and will have available for inspection, to document livestock grazing and dry matter intake from feed and grazing:
 Feeding records Grazing records Dry matter content analysis of feed
 other **describe**

5.13 Describe the method you use for calculating dry matter demand (DMD) and dry matter intake (DMI).
Organic livestock production standards require that ruminant animals obtain at least 30% of their DMI from grazing, on average, throughout the grazing season (at least 120 days per year).

Attach copies of your DMI Calculation Worksheets. Attached
In order to complete the DMI calculation, you will need the following information:
 Dry Matter Content of Feeds (actual feed test results, or a chart of averages)
 Dry Matter Demand (DMD) estimates for your class(es) of livestock
 Grazing Records (dates on pasture)
 Feed Ration and Feeding Records (type of feed, amounts, and dates when fed)

If you need help compiling this information or completing the DMI calculations, please contact the department. You may find helpful resources on the National Organic Program (NOP) website at: <http://www.ams.usda.gov/AMSV1.0/nop>

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The following formulas may be useful in determining your DMI from pasture:

Dry Matter Grazed = Dry Matter Demand (DMD) - Dry Matter Fed (non-pasture feedstuffs)
% DM Fed + % DM Grazed = 100%

5.14 Use this table to summarize your calculation of Dry Matter Intake (DMI) from pasture or forage grazed during the grazing season by each class of organic ruminant livestock you manage.

Class of Ruminants	Number of Days in the Grazing Season	Average DMI % from Pasture
Young stock over 6 months of age (calves, lambs, kids)		
Slaughter Stock		
Yearlings		
Breeding Stock- Females		
Breeding Stock- Males		
Other <u>specify</u>		
Other <u>specify</u>		

Livestock Section 6: Handling by Livestock Producers NOP §205.2, 205.270(a), 205.271

Complete this section to describe any handling (processing) activity to be certified with your livestock production, such as: preparing feed for your own livestock (making silage/baleage, mixing or grinding feed), milking animals and cleaning milking equipment, cooling and storing milk, washing eggs, slaughter activities, or processing fiber to prepare product for sale. If you do complex handling and/or handle crop or livestock products for other producers, please ask your certifier which OSP forms to use in order to apply for Handler certification.

HANDLING LOCATION, ACTIVITIES AND PRODUCTS

N/A, No handling of livestock feed or livestock products.

6.1 Indicate the handling activity(ies) and product(s) covered by this OSP section:

- Preparing feed (grinding, mixing, etc.)
 Milking
 Storing or Processing Milk
 Washing Eggs
 Slaughter
 Processing Meat
 Processing Fiber (wool, hair, etc.)
 Other specify

6.2 Identify the location (area or facility) where handling is done. If you contract for services, list the name and location of the facility used, and attach a copy of their organic certificate. Organic certificate attached

6.3 Attach a facility map (8.5 x 11") or provide a description of product flow showing the sequence of handling steps, all containers or storage and processing equipment. Attached

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- 6.4 At this location, do you handle or store:
- Organic products only Distinct / Distinguishable organic and non-organic products
- Parallel products (identical organic and non-organic products)?

PEST MANAGEMENT AND MATERIALS

- 6.5 List recurrent or potential pest problems:
- Flying Insects Crawling Insects Rodents Birds Other list
- 6.6 Indicate the strategies you use to prevent, manage or minimize pest problems in your handling areas or facilities:
- Sanitation measures Clean up spilled product Elimination of pest habitat or breeding areas
- Control Environment (temperature, humidity and/or light) Eliminate sources of food
- Seal doors and windows Screen windows and vents Crack, crevice and hole repair
- Air Curtains Positive pressure Inspect incoming product
- other: describe
- 6.7 Indicate mechanical or physical controls used when / if the prevention strategies (alone) are inadequate to control pests:
- Lures Repellants Mechanical traps Sticky traps Pheromone traps
- Electrocuters/bug zappers Freezing Heat Treatment Shooting
- other describe
- 6.8 List each material that you use or plan to use when / if the prevention strategies and mechanical / physical controls are inadequate to control pests.

Substance / Product Name / Formulation	Brand / Manufacturer	Reason for Use (target pest)	Is substance on the National List?
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

If any synthetic substance used for pest control is NOT on the National List (of substances allowed for use in organic crop or livestock production), have your methods of application and plans for prevention of contact with organic products been agreed to by the department?

- Yes No N/A, no prohibited substances used for pest control

- 6.9 Describe your methods and frequency of pest monitoring and list the pest monitoring records you keep.

Please have these records available for inspection.

PREVENTING COMMINGLING AND CONTAMINATION

- 6.10 Indicate the measures you take to prevent commingling or organic and non-organic products, and to protect organic products from contact with prohibited substances (list all that are used).

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- N/A, All containers, equipment and storage areas are dedicated to organic
- Cleaned to remove ALL residue before organic use
- Organic and Non-organic containers and equipment are clearly labeled
- Purged with organic product before organic processing
- Other **describe**

6.11 Are any synthetic fungicides, preservatives or fumigants used in or on packaging materials, storage containers or bins? Yes No

If yes, list all such materials in table 6.8 (above) and describe how contact with organic products is prevented.

CLEANING AND SANITATION

6.12 Describe your cleaning and/or sanitation methods for all containers, equipment, or storage areas for organic feed or products.

6.13 Complete the following table for all materials used for cleaning and/or sanitation.

Substance / Product Name / Formulation	Brand / Manufacturer	Location / Reason for Use	Is substance on the National List?
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

6.14 Indicate how you insure that no cleaner or sanitizer residue contacts organic products:

- Use of non-residual materials
- Dry before organic processing
- Test for residues **specify type of residue test**
- Other **describe**
- Thorough rinse before organic processing
- Allow dissipation before organic processing

WATER

N/A, No water used in handling livestock feed or products.

6.15 Do you add any material(s) to the water used in handling livestock feed or products? Yes No
If yes, please add the material to table 6.13 (above).

6.16 If you add chlorine to water, how do you ensure that residual chlorine levels are not more than 4 ppm at the discharge or effluent point? N/A, No chlorine added.
