

Conservation Plan Supporting Organic Transition Plan Criteria Practice/Activity Code (138) (No.)

1. Definition

A “Conservation Plan Supporting Organic Transition” is a conservation activity plan documenting decisions by producers/growers who agree to implement a system of conservation practices which assist the producer to transition from conventional farming or ranching systems to an organic production system. The Conservation Plan Supporting Organic Transition” will:

- a. At a minimum address and achieve the planning criteria for the NRCS resource concerns for soil erosion, water quality, and plant condition. Other resource concerns can also be addressed based on the land user objectives.
- b. Develop the linkage between the resource concerns addressed to the National Organic Program requirements for organic farming. This will assist the grower to develop their Organic System Plan (OSP) as defined in the USDA National Organic Program (NOP) Standards (www.ams.usda.gov/nop).
- c. Comply with federal, state, tribal, and local laws, regulations and permit requirements.
- d. Document the producer’s objectives and decisions for practice implementation during the transition period.

Note: The plan can help support a producer’s efforts to become a certified operation. However, this plan is not a replacement for an Organic System Plan (OSP) as required by the National Organic Program.

2. The following are “planning considerations” for the planner to consider during the conservation plan development process for organic operations or those operations transitioning to organic:

- Identification of natural resource concerns to be addressed
- Producers objectives and goals related to organic production
- Fertility, Soil Quality and Erosion Control (NOP Part §205.203 and §205.205)
- Cover crops and cover crop management, hedgerows, and/or artificial structures for beneficial insects, pollinators, bats, and raptors or other diversified plantings in annual and perennial crops;
- Consideration of wildlife-friendly cover crops;
- List of planned nutrient applications (incorporated, foliar, soil inoculants, compost);
- Results (as appropriate) for: soil tests, tissue tests, microbiological tests, crop quality testing;
- Method and frequency of fertility management monitoring;
- Methods of erosion control and documentation:

- Erosion prediction printouts for before and after the planned system using approved erosion prediction tools such as RUSLE2 and/or WEPS when applicable.
- Crop rotation (NOP Part §205.205)
 - a. Practices to maintain or improve soil organic matter content;
 - b. Practices to manage deficient or excess nutrients and support nutrient cycling;
 - b. Provide for pest management in annual and perennial crops;
 - c. Address erosion control.
- Pest Management (NOP Part §§205.206)
 - a. Substances used for controlling insects or disease;
 - b. Biological controls (including encouraging and managing bats and raptors);
 - c. Pest control materials and reason for use;
 - d. Synthetic pesticides used in or around facilities where organic products are stored;
 - e. Beneficial predators and parasites;
 - f. Pollinator habitat and pollinator protection.
- Locations of sensitive resource areas to include:
 - a. Rivers, streams, drains, surface waters, coastal waters, wetlands, wells, groundwater, drains, grassed waterways and buffers;
 - b. Sensitive plant species and/or essential fish and wildlife (including invertebrates) habitat (on and off-site), and food plots;
 - c. Drinking water sources.
- Livestock (NOP Part §205.236 to §205.239)
 - a. Livestock, poultry, breeds, gender, numbers, hatch or purchase dates;
 - b. Crops grown for organic livestock feed;
 - a. Livestock Feed - access to pasture for all ruminants;
 - b. Drinking Water Source;
 - c. For operations producing both Organic and Non-organic livestock, the separation between organic and non-organic livestock;
 - d. Manure Management - Storage and application techniques, application rates, number of acres manure applied to, and when applied.
- Biodiversity - conservation plants, habitat for birds, pollinators, bats, beneficial insects, natural areas restored or protected, and wildlife friendly farm practices

3. Transition to Organic Farming Plan Criteria

This section establishes the minimum criteria to be addressed in the development of Transition to Organic System Plan developed by a certified Technical Service Provider (TSP).

- A. A completed the “CAP_138_Cropland_Template.dotx” template provided for the Cropland Acres and/or the “CAP_138_Grazing_Template.dotx” provided for the grazing acres. The templates include the following required items:

Background and Site Information Element

- Name of owner/operator;
- Farm location and mailing address of the grower;
- Soils Map and soil map units descriptions using the Web Soil Survey <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm> as a minimum printout the Soil Report > AOI Inventory> Map Unit Descriptions
- Digital Conservation plan map with:
 1. Streams, surface waters, surface drainage, and wetlands on or adjacent to site
 2. Property lines
 3. Required setbacks
 4. Field boundaries, name/number, acres, and land use
 5. Map scale
 6. Structural practices located on Map
 7. Legend
 8. Grower Name, County, State
- Total acres of the plan
- Producer's Objectives and Goals
- Resource evaluations for soil erosion, soil quality, water quality, plant condition, and other local concerns identified and identified with the applicable NOP requirement for each identified resource concern. (*See Attached - NRCS Resource Concern NOP Reference Tables for Cropland and Grazing*)
- Planned conservation practices to address soil erosion, soil quality, water quality, plant condition, and other local resource or human concerns; and schedule of practice application.
- Document in general terms the source of plant nutrients to be used, their rates, methods of application, and timings of application. This documentation is not considered a full nutrient management plan. If a full nutrient management plan is needed then a qualified nutrient management specialist should develop the nutrient management plan;

B. Document the planned conservation practices to address the identified resource concerns. For each planned practice (1) identify the field(s) or location within a field a practice is to be applied, (2) the amount of the practice to be applied, and (3) the scheduled year to apply the practice. For the following practices develop the appropriate specifications to implement the conservation practices in the appropriate Jobsheet or Implementation Requirements (*Implementation Requirements documents are new for 2013 and replace the term Jobsheets used in previous years*) document found in Section IV of the Electronic Field Office Technical Guide for the respective state.

Code	Practice Name
314	Brush Management
328	Conservation Crop Rotation
340	Cover Crop
511	Forage Harvest Management
528	Prescribed Grazing
512	Forage and Biomass Planting
550	Range Planting
345	Residue and Tillage Management, Mulch Till
346	Residue and Tillage Management, Ridge Till
329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed
585	Stripcropping

C. References

- USDA National Organic Program (NOP - www.ams.usda.gov/nop)
- California Certified Organic Farmers (<http://www.ccof.org/>)
- USDA NRCS Field Office Technical Guide
http://efotg.sc.egov.usda.gov/efotg_locator.aspx , Select State, Select Section 4 Conservation Practices
- ATTRA Organic Documentation Forms, Organic Crop and Livestock Workbooks (<http://www.attra.org/>)

4. Deliverables for the Client – a hardcopy of the plan that includes:

- Complete Hardcopy of the client’s plan (“*CAP_138_Cropland_Template Aug 2012.dotx*” template provided for the Cropland Acres and/or the “*CAP_138_Grazing_Template Aug 2012.dotx*” provided for the grazing acres) with appropriate practice specifications (Jobsheets or Implementation Requirements) for the planned practices listed above.
- Soils Map and soil map units descriptions using the Web Soil Survey <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm> as a minimum printout the Soil Report > AOI Inventory> Map Unit Descriptions

- Resource assessment results (wind and water erosion, soil quality, water quality, plant condition, water quantity, and others identified resource concerns that may be needed) – complete in the template or add printouts from assessment tool (RUSLE2 or WEPS)
- For all practices not listed above (not requiring a Jobsheet or implementation requirements) document when the practice will be applied, the amount/extent, and field number in the respective “Plan Template”. For structural or point/type practice locate the planned location on the conservation plan map.
- Digital Conservation plan map with;
 - a. Streams, surface waters, surface drainage, and wetlands on or adjacent to site
 - b. Property lines
 - c. Field Boundaries, name/number, acres, and land use
 - d. Map scale
 - e. Structural practices located on map
 - f. Legend
 - g. Grower Name, County, State

5. Deliverables for NRCS Field Office:

- Complete Hardcopy and electronic copy of the client’s plan and supporting documents.
- Soils Map and soil map units descriptions using the Web Soil Survey <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm> as a minimum printout the Soil Report > AOI Inventory> Map Unit Descriptions
- Resource assessment results (wind and water erosion, soil quality, water quality, plant condition, water quantity, and others identified resource concerns that may be needed) – complete in the template or add printouts from assessment tool (RUSLE2 or WEPS)
- Digital Conservation plan map with;
 - a. Streams, surface waters, surface drainage, and wetlands on or adjacent to site
 - b. Property lines
 - c. Field Boundaries, name/number, acres, and land use
 - d. Map scale
 - e. Structural Practices Located on Map
 - f. Legend
 - g. Grower Name, County, State

Attachment – Resource Concerns for Cropland and Grazing with NOP Reference:

RESOURCE CONCERN ASSESSMENT FOR CROPLAND—Conservation Plan Supporting Organic Transition must evaluate each of the **8 primary resource** concerns associated with this CAP and list those fields that DO NOT meet the minimum treatment level. Not all resource concerns listed apply or occur on all farms. For those resource concerns that do not apply indicate using a “NA” in the comments. Conservation practices that the producer makes a decision to apply shall be listed in the **Schedule of Planned Conservation Practices table**. All assessment and measurement data should be provided. Other resource concerns can be addressed in the plan if the producer is interested in addressing them.

RESOURCE CONCERN ASSESSMENT FOR CROPLAND				
NRCS Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
SOIL EROSION - Sheet, rill	Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Soil loss per RUSLE2 is $\leq T + 1$ ton	Attach RUSLE2 Printout for each field
SOIL EROSION - Wind erosion	Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Soil Loss per WEPS is $\leq T + 1$ ton	Attach WEPS Printout for each field
SOIL EROSION - Concentrated flow erosion	Untreated classic gullies may enlarge progressively by head cutting and/or lateral widening. Ephemeral gullies occur in the same flow area and are obscured by tillage. This includes concentrated flow erosion caused by runoff from rainfall, snowmelt or irrigation water.	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Concentrated flow erosion is stabilized	In field observation
SOIL QUALITY DEGRADATIONS - Organic Matter Depletion	Soil organic matter is not adequate to provide a suitable medium for plant growth, animal habitat, and soil biological activity	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Soil condition index (SCI) per RUSLE2 is ≥ 0.0	RUSLE2 printout with SCI calculation Printout for each field

RESOURCE CONCERN ASSESSMENT FOR CROPLAND

NRCS Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
INSUFFICIENT WATER - Inefficient use of irrigation water	Irrigation water is not stored, delivered, scheduled and/or applied efficiently	<ul style="list-style-type: none"> • 205.200 General 	<ul style="list-style-type: none"> • Water is scheduled and applied efficiently • State established criteria is met 	<ul style="list-style-type: none"> • Irrigation Schedule • State established criteria
WATER QUALITY DEGRADATION - Excess nutrients in surface and ground waters	Nutrients - organic and inorganic - are transported to receiving waters through surface runoff and/or leaching into shallow ground waters in quantities that degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	<ul style="list-style-type: none"> • Nutrient applications are based on soil and/or tissue tests and nutrient budget for realistic crop yields • Nitrogen & Phosphorus loss risk assessments are acceptable 	Describe and attach N & P assessments
DEGRADED PLANT CONDITION - Plant productivity and health	<p>Plant productivity, vigor and/or quality negatively impacts other resources or does not meet yield potential due to improper fertility, management or plants not adapted to site</p> <p>As an example this concern addresses pollinators, beneficial insects, wind erosion, and excess soil deposition that influence plant condition</p>	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Plants are adapted to the site, managed to meet realistic production objectives identified by the client, and do not negatively impact other resources.	<ul style="list-style-type: none"> • Site observation and documentation of applicable practices • Client-identified yield objectives • Crop Damage Tolerance Tables from WEPS • Plant ID field guides and pollinator guides to assess diversity

RESOURCE CONCERN ASSESSMENT FOR CROPLAND

NRCS Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
<p>DEGRADED PLANT CONDITION - Excess Pest</p>	<p>Excessive pest damage to plants including that from undesired plants, diseases, animals, soil borne pathogens, and nematodes</p> <p>As an example, this concern addresses invasive plant, animal and insect species</p>	<ul style="list-style-type: none"> • 205.206 Crop pest, weed, and disease management practice standard 	<ul style="list-style-type: none"> • Pest damage to plants does not exceed economic, environmental thresholds or other client-identified criteria • Plant pests, including noxious and invasive species are managed to eradicate, control or minimize spread 	<ul style="list-style-type: none"> • Client interview • Site observation and documentation of applicable practices • Available risk assessment tools for invasive species • Field guides for plant, insect or disease pests • PLANTS Database

RESOURCE CONCERN ASSESSMENT FOR GRAZING SYSTEMS—Conservation Plan Supporting Organic Transition must evaluate each of the **11 primary resource concerns** associated with this CAP and list those fields that DO NOT meet the minimum treatment level. Not all resource concerns listed apply or occur on all farms. For those resource concerns that do not apply indicate using a “NA” in the comments. Conservation practices that the producer makes a decision to apply shall be listed in the **Schedule of Planned Conservation Practices table**. All assessment and measurement data should be provided. Other resource concerns can be addressed in the plan if the producer is interested in addressing them.

RESOURCE CONCERN ASSESSMENT FOR GRAZING SYSTEMS				
Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
SOIL EROSION - Sheet, rill	Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.240 Pasture practice standard 	Soil loss per RUSLE2 is $\leq T$	Attach RUSLE2 Printout for each field
SOIL EROSION - Wind erosion	Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.240 Pasture practice standard 	Soil Loss per WEPS is $\leq T$	Attach WEPS Printout for each field
SOIL EROSION - Concentrated flow erosion	<p>Untreated classic gullies may enlarge progressively by head cutting and/or lateral widening.</p> <p>Ephemeral gullies occur in the same flow area and are obscured by tillage.</p> <p>This includes concentrated flow erosion caused by runoff from rainfall, snowmelt or irrigation water.</p>	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.240 Pasture practice standard 	Concentrated flow erosion is stabilized	In field observation
SOIL QUALITY DEGRADATIONS - Organic Matter Depletion	Soil organic matter is not adequate to provide a suitable medium for plant growth, animal habitat, and soil biological activity	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard 	<ul style="list-style-type: none"> • Soil condition index (SCI) per RUSLE2 is > 0.0 • Pasture Condition Score - plant cover ≥ 4 • Pasture Condition Score - plant residue ≥ 4 	<ul style="list-style-type: none"> • RUSLE2 printout with SCI calculation for each field • Pasture Condition Score Card

RESOURCE CONCERN ASSESSMENT FOR GRAZING SYSTEMS

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
INSUFFICIENT WATER - Inefficient use of irrigation water	Irrigation water is not stored, delivered, scheduled, and/or applied efficiently	<ul style="list-style-type: none"> • 205.200 General 	<ul style="list-style-type: none"> • Water is scheduled and applied efficiently • State established criteria if applicable are met 	<ul style="list-style-type: none"> • Irrigation schedule • State established criteria
WATER QUALITY DEGRADATION - Excess nutrients in surface and ground waters	Nutrients - organic and inorganic - are transported to receiving waters through surface runoff and/or leaching into shallow ground waters in quantities that degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.240 Pasture practice standard 	<ul style="list-style-type: none"> • Plant Condition Score - plant cover ≥ 4 • Plant Condition Score - concentration areas ≤ 3 • Plant Condition Score - livestock concentration areas ≥ 4 • Nutrient applications are based on soil and/or tissue tests and nutrient budget for realistic crop yields 	<ul style="list-style-type: none"> • N & P Risk Analysis Tools • MMP - Manure Management Planner • Approved nutrient management planning tools • Pasture Condition Score
DEGRADED PLANT CONDITION - Plant productivity and health	<p>Plant productivity, vigor and/or quality negatively impacts other resources or does not meet yield potential due to improper fertility, management or plants not adapted to site</p> <p>This concern addresses pollinators, beneficial insects, wind erosion, and excess soil deposition that influence plant condition</p>	<ul style="list-style-type: none"> • 205.202 Land Requirement • 205.203 Soil fertility and crop nutrient management practice standard 	<ul style="list-style-type: none"> • Plant Condition Score - desirable plants ≥ 3 • Plant Condition Score - plant cover ≥ 4 • Plant Condition Score - plant vigor ≥ 4 • Plants are adapted to the site, meet production goals and do not negatively impact other resources. 	<ul style="list-style-type: none"> • Pasture Condition Score • Forage Suitability Groups reports

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

Owner(s) Name(s)				
Owner(s) Mailing Address(es)				
Owner(s) Phone Number(s)				
Owner(s) Email(s)				
Owner(s) Signature(s)				
Organic Certifying Entity				
Plan Developed by				
Planner's Mailing Address				
Planner's Phone Number				
Planner's Email				
Planner's Signature				
Plan Date				
Total Acres in Plan	Certified Organic	Transitioning	Non-Organic	Total
Producer's Objectives or Goals				
Attachments Included	<ul style="list-style-type: none"> • Conservation Plan Map • Soils Map and Descriptions • Practice Plans and/or Job Sheets • Soil Loss Evaluation Printouts • Other Supporting Documentation 			

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

RESOURCE CONCERN ASSESSMENT—Conservation Plan Supporting Organic Transition must evaluate each of the 8 primary resource concerns associated with this CAP and list those fields that DO NOT meet the minimum treatment level. Not all resource concerns listed apply or occur on all farms. For those resource concerns that do not apply indicate using a “NA” in the comments. Conservation practices that the producer makes a decision to apply shall be listed in the **Schedule of Planned Conservation Practices table**. All assessment and measurement data should be provided. Other resource concerns can be addressed in the plan if the producer is interested in addressing them.

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
SOIL EROSION - Sheet, rill	Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Soil loss per RUSLE2 is $\leq T + 1$ ton	Attach RUSLE2 Printout for each field
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
SOIL EROSION - Wind erosion	Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Soil Loss per WEPS is $\leq T + 1$ ton	Attach WEPS Printout for each field
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

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SOIL EROSION - Concentrated flow erosion	Untreated classic gullies may enlarge progressively by head cutting and/or lateral widening. Ephemeral gullies occur in the same flow area and are obscured by tillage. This includes concentrated flow erosion caused by runoff from rainfall, snowmelt or irrigation water.	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Concentrated flow erosion is stabilized	In field observation
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
SOIL QUALITY DEGRADATIONS - Organic Matter Depletion	Soil organic matter is not adequate to provide a suitable medium for plant growth, animal habitat, and soil biological activity	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Soil condition index (SCI) per RUSLE2 is \geq 0.0	RUSLE2 printout with SCI calculation Printout for each field
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
INSUFFICIENT WATER - Inefficient use of irrigation water	Irrigation water is not stored, delivered, scheduled and/or applied efficiently	• 205.200 General	<ul style="list-style-type: none"> • Water is scheduled and applied efficiently • State established criteria is met 	<ul style="list-style-type: none"> • Irrigation Schedule • State established criteria
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
WATER QUALITY DEGRADATION - Excess nutrients in surface and ground waters	Nutrients - organic and inorganic - are transported to receiving waters through surface runoff and/or leaching into shallow ground waters in quantities that degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	<ul style="list-style-type: none"> • Nutrient applications are based on soil and/or tissue tests and nutrient budget for realistic crop yields • Nitrogen & Phosphorus loss risk assessments are acceptable 	Describe and attach N & P assessments
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
DEGRADED PLANT CONDITION - Plant productivity and health	<p>Plant productivity, vigor and/or quality negatively impacts other resources or does not meet yield potential due to improper fertility, management or plants not adapted to site</p> <p>As an example this concern addresses pollinators, beneficial insects, wind erosion, and excess soil deposition that influence plant condition</p>	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.205 Crop rotation practice standard 	Plants are adapted to the site, managed to meet realistic production objectives identified by the client, and do not negatively impact other resources.	<ul style="list-style-type: none"> • Site observation and documentation of applicable practices • Client-identified yield objectives • Crop Damage Tolerance Tables from WEPS • Plant ID field guides and pollinator guides to assess diversity
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
DEGRADED PLANT CONDITION - Excess Pest	Excessive pest damage to plants including that from undesired plants, diseases, animals, soil borne pathogens, and nematodes As an example, this concern addresses invasive plant, animal and insect species	<ul style="list-style-type: none"> • 205.206 Crop pest, weed, and disease management practice standard 	<ul style="list-style-type: none"> • Pest damage to plants does not exceed economic, environmental thresholds or other client-identified criteria • Plant pests, including noxious and invasive species are managed to eradicate, control or minimize spread 	<ul style="list-style-type: none"> • Client interview • Site observation and documentation of applicable practices • Available risk assessment tools for invasive species • Field guides for plant, insect or disease pests • PLANTS Database
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
Other resource concerns (describe)				
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
Other resource concerns (describe)				
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

Schedule of Planned Conservation Practices with identified sections in an Organic System Plan where applicable.

Attach documentation containing conservation practice details and specifications (Jobsheet and/or Implementation Requirements for: 314, 328, 340, 511, 528, 512, 550, 345, 346, 329, 585).

Add conservation practice blocks, as needed.

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

Schedule of Planned Conservation Practices with identified sections in an Organic System Plan where applicable.

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Add conservation practice blocks, as needed.*

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Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Cropland

Schedule of Planned Conservation Practices with identified sections in an Organic System Plan where applicable.

*Attach documentation containing conservation practice details and specifications (Jobsheet and/or Implementation Requirements).
Add conservation practice blocks, as needed.*

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

**Conservation Plan Supporting Organic Transition
Conservation Activity Plan (138) – Cropland**

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Owner(s) Name(s)				
Owner(s) Mailing Address(es)				
Owner(s) Phone Number(s)				
Owner(s) Email(s)				
Owner(s) Signature(s)				
Organic Certifying Entity				
Plan Developed by				
Planner's Mailing Address				
Planner's Phone Number				
Planner's Email				
Planner's Signature				
Plan Date				
Total Acres in Plan	Certified Organic	Transitioning	Non-Organic	Total
Producer's Objectives or Goals				
Attachments Included	<ul style="list-style-type: none"> • Conservation Plan Map • Soils Map and Descriptions • Practice Plans and/or Job Sheets • Soil Loss Evaluation Printouts • Other Supporting Documentation 			

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

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Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
SOIL EROSION - Wind erosion	Detachment and transportation of soil particles caused by rainfall runoff/splash, irrigation runoff or wind that degrades soil quality	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.240 Pasture practice standard 	Soil Loss per WEPS is $\leq T + 1$ ton	Attach WEPS Printout for each field
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
SOIL EROSION - Concentrated flow erosion	<p>Untreated classic gullies may enlarge progressively by head cutting and/or lateral widening.</p> <p>Ephemeral gullies occur in the same flow area and are obscured by tillage.</p> <p>This includes concentrated flow erosion caused by runoff from rainfall, snowmelt or irrigation water.</p>	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.240 Pasture practice standard 	Concentrated flow erosion is stabilized	In field observation
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
SOIL QUALITY DEGRADATIONS - Organic Matter Depletion	Soil organic matter is not adequate to provide a suitable medium for plant growth, animal habitat, and soil biological activity	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard 	<ul style="list-style-type: none"> • Soil condition index (SCI) per RUSLE2 is > 0.0 • Pasture Condition Score - plant cover ≥ 4 • Pasture Condition Score - plant residue ≥ 4 	<ul style="list-style-type: none"> • RUSLE2 printout with SCI calculation for each field • Pasture Condition Score Card
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
INSUFFICIENT WATER - Inefficient use of irrigation water	Irrigation water is not stored, delivered, scheduled, and/or applied efficiently	<ul style="list-style-type: none"> • 205.200 General 	<ul style="list-style-type: none"> • Water is scheduled and applied efficiently • State established criteria are met 	<ul style="list-style-type: none"> • Irrigation schedule • State established criteria

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
WATER QUALITY DEGRADATION - Excess nutrients in surface and ground waters	Nutrients - organic and inorganic - are transported to receiving waters through surface runoff and/or leaching into shallow ground waters in quantities that degrade water quality and limit use for intended purposes	<ul style="list-style-type: none"> • 205.203 Soil fertility and crop nutrient management practice standard • 205.240 Pasture practice standard 	<ul style="list-style-type: none"> • Plant Condition Score - plant cover ≥ 4 • Plant Condition Score - concentration areas ≤ 3 • Plant Condition Score - livestock concentration areas ≥ 4 • Nutrient applications are based on soil and/or tissue tests and nutrient budget for realistic crop yields 	<ul style="list-style-type: none"> • N & P Risk Analysis Tools • MMP - Manure Management Planner • Approved nutrient management planning tools • Pasture Condition Score
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
DEGRADED PLANT CONDITION - Plant productivity and health	<p>Plant productivity, vigor and/or quality negatively impacts other resources or does not meet yield potential due to improper fertility, management or plants not adapted to site</p> <p>This concern addresses pollinators, beneficial insects, wind erosion, and excess soil deposition that influence plant condition</p>	<ul style="list-style-type: none"> • 205.202 Land Requirement • 205.203 Soil fertility and crop nutrient management practice standard 	<ul style="list-style-type: none"> • Plant Condition Score - desirable plants ≥ 3 • Plant Condition Score - plant cover ≥ 4 • Plant Condition Score - plant vigor ≥ 4 • Plants on the site are listed in applicable Forage Suitability Groups reports or State list. 	<ul style="list-style-type: none"> • Pasture Condition Score • Forage Suitability Groups reports

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
DEGRADED PLANT CONDITION - Excess Pest	<p>Excessive pest damage to plants including that from undesired plants, diseases, animals, soil borne pathogens, and nematodes</p> <p>This concern addresses invasive plant, animal and insect species</p>	<ul style="list-style-type: none"> • 205.206 Crop pest, weed, and disease management practice standard 	<ul style="list-style-type: none"> • Pest damage to plants does not exceed economic, environmental thresholds or other client-identified criteria • Plant pests, including noxious and invasive species, are managed to eradicate, control or minimize spread • Plant Condition Score - insect and disease pressure ≥ 4 • Plant Condition Score - site adaptation ≥ 4 	<ul style="list-style-type: none"> • Pasture Condition Score • PLANTS Database
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
LIVESTOCK PRODUCTION LIMITATION – Inadequate feed and forage	<p>Feed and forage quality or quantity is inadequate for nutritional needs and production goals of the kinds and classes of livestock</p>	<p>205.240 Pasture practice standard</p>	<p>Provide a minimum of 30% of a ruminant’s dry matter intake, on average, over the course of the grazing season as established by the state NRCS</p>	<p>Assessment of forage/feed needs versus availability determined using GRAS - Grassland Resource Analysis System; NutBAI - Nutritional Balancer tool; or other state recognized tools</p>

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Resource Concern	Description of Concern	NOP Regulation Practice Standard(s)	Minimum Treatment Level	Measurement & Assessment Tool
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
LIVESTOCK PRODUCTION LIMITATION – Inadequate livestock shelter	Livestock lack adequate shelter from climatic conditions to maintain health or production goals	<ul style="list-style-type: none"> • 205.239 Livestock living conditions • 205.240 Pasture practice standard 	Artificial and/or natural shelter meets animal health and client objectives	Site observation and documentation of applicable practices
Do existing conditions or proposed alternatives meet the minimum treatment criteria? (Describe or attach evaluation)				
Fields that DO NOT Meet Minimum Criteria				
LIVESTOCK PRODUCTION LIMITATION – Inadequate livestock water	Quantity, quality and/or distribution of drinking water are insufficient to maintain health or production goals for the kinds and classes of livestock	205.239 Livestock living conditions 205.240 Pasture practice standard	Water of acceptable quality and quantity is provided and adequately distributed to meet Client goals and animal needs	Site observation and documentation of applicable practices using GRAS - Grassland Resource Analysis System - tool for water distribution

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Schedule of Planned Conservation Practices with identified sections in an Organic System Plan where applicable.

Attach documentation containing conservation practice details and specifications (Jobsheet and/or Implementation Requirements for: 314, 328, 340, 511, 528, 512, 550, 345, 346, 329, 585).

Add conservation practice blocks, as needed.

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Schedule of Planned Conservation Practices with identified sections in an Organic System Plan where applicable.

*Attach documentation containing conservation practice details and specifications (Jobsheet and/or Implementation Requirements).
Add conservation practice blocks, as needed.*

NRCS Conservation Practice: Choose an item

Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

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Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

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Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

Conservation Plan Supporting Organic Transition Conservation Activity Plan (138) – Grazing

Schedule of Planned Conservation Practices with identified sections in an Organic System Plan where applicable.

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Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

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Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

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Organic System Plan Linkage: Choose an item; Choose an item; Choose an item; Choose an item

Narrative:

Field	Planned Amount	Unit	Month	Year	Applied Amount	Date	Attachment (Y/N)

**Conservation Plan Supporting Organic Transition
Conservation Activity Plan (138) – Grazing**
