

Organic Farming & NRCS Organics and USDA Organic certification: crops, livestock Organics in EQIP and CSP Resources NO SPRAY ZONE

Organic Farming & NRCS NRCS programs now specifically include organic farms Organic farmers have rarely used NRCS (or even USDA) programs Organic farmers are unfamiliar with NRCS terminology, paperwork, procedures NRCS staff are unfamiliar with organic rules and terminology

Top 10 Tasks for NRCS 1. Introduce USDA programs & procedures 2. Awareness of programs: EQIP, CSP 3. Advise on whole-farm conservation needs 4. Advise on Technical Service Provider option 5. Help with buffer zones through Conservation Practices

Top 10 Tasks for NRCS

- 6. Help with erosion control: fixing and prevention
- 7. Help with manure/nutrient management
- 8. Help with pasture management & development
- 9. Help with wildlife habitat development
- 10. Advise on special provisions

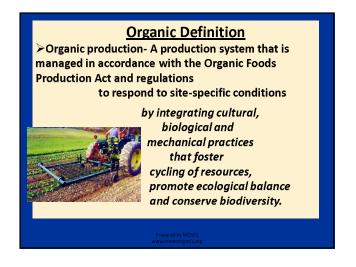
www.mncacnraanic.nr

EQIP Special Provisions

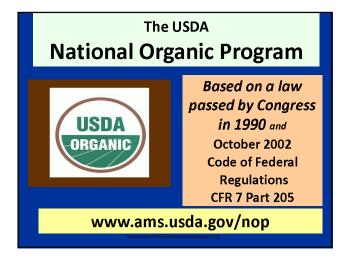
- Practices specific to Organic Initiative (Conservation Activity Plan for Transition)
- Higher payment rates for Organic Initiative (75% vs. 60%)
- Emphasis on Historically Underserved (HU) participants (Limited Resource Farmers, Beginning Farmers, Socially Disadvantaged Farmers): higher payment rate (up to 90%)
- · Pollinator habitat priority
- High Tunnel availability

Top 15 Tasks for Farmers			
Work with certifier & TSP	Develop erosion control plan		
Stop using prohibited inputs	Develop soil fertility plan with soil-building rotation		
Identify markets	Develop resource protection plan		
Place buffer zones	Plan tillage type & timing		
Fix problems: erosion, weeds, soil imbalances	Develop & record pest management plan		
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Top 15 Tasks for Farmers		
Source organic seed		
Keep records of field activities		
Plan for livestock replacement & management		
Keep health records for livestock		
Develop & record pasture management plan		





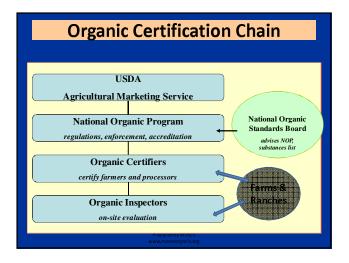


NOP, a program within the USDA

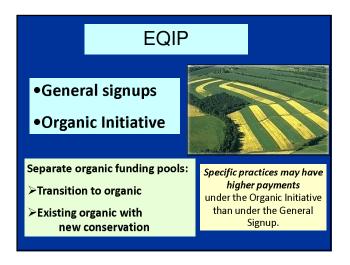
- Accredit certifying agents
- Determine equivalence with other organic certification programs
- Make new and amended regulations
- Compliance and enforcement

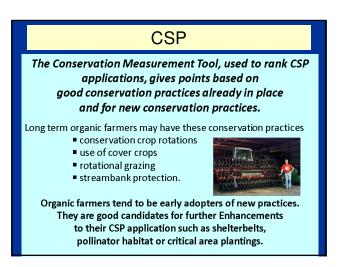
USDA does NOT certify individual operations.

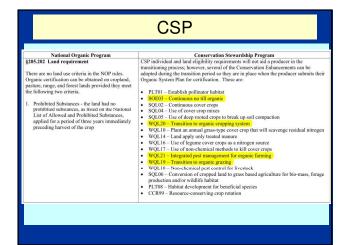




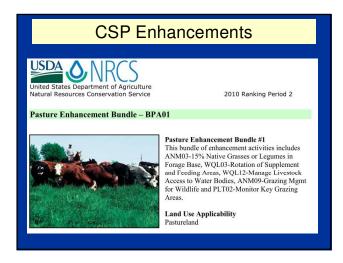




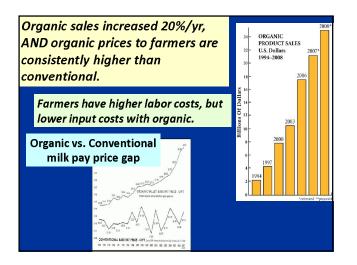


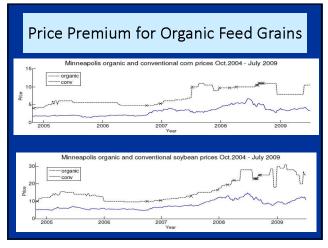










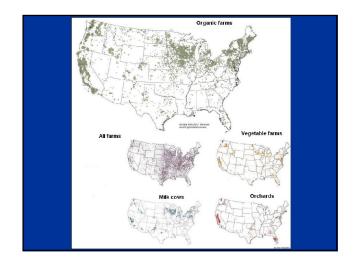




Conventional Vs Organic Corn Net Returns				
	Cada Farm	Conventional		
Yield (bu./acre)	\$136	\$154		
Price/bu.	\$3.45	\$1.80		
Gross receipts/acre	\$469	\$277		
Total direct Exp.	\$104	\$110		
Net Return/acre	\$365	\$167		

Organic Vs Conventional Soybean Net Returns			
Yield (bu./acre)	30	38	
Price/bu	\$16	\$4.50	
Gross	\$480	\$171	
return/acre			
Total Direct Exp.	\$91	\$84	
Net Return/Acre	\$389	\$87	







Conservation Activity Plan Transition to Organic (Practice Standard 138) The CAP is a plan to transition some or all of the farm to organic production, AND address a variety of conservation concerns on the farm. A Technical Service Provider can be hired to describe the planned changes to qualify for organic certification AND the planned implementation of NRCS conservation issues with

possible cost share opportunities.

Final product is <u>BOTH</u> an organic system plan and an

NRCS-approved Conservation Activity Plan.

Organic System Plan: An Overview of the Farm

Fields requested for organic certification - distinct itoricers.

Grops grown this grop year

3 year field histories on each field: grop rotation and all inputs

Livestock requested for organic certification

Parallel or Split Production?

A Parallel - Organic and Nonorganic grops of the same type

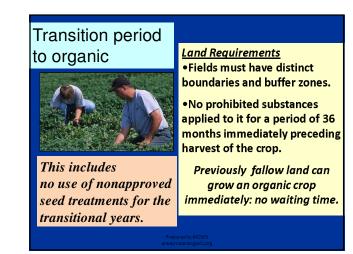
R Split - Organic and Nonorganic grops that are visually

idistinguishable from each other

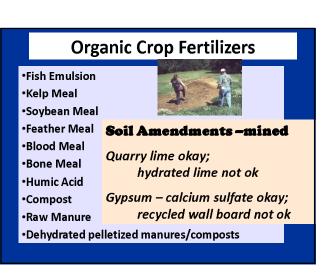




FIELD HISTORY SHEET Give the following information on cach field under your management, including those requested for organic contribution, fields in transition/conversion to organic productors, and fields insulaged conventionally framinion in conversionments that the fields are being imaged in occordinate with organic tendentials but his no type in managed in proceedings with copies to you must the standards for its months without not of prohibited products. Make copies to you can see the issues form for 3 years Producer Name Margo Schmidt Confer Fields Margo Schmidt Confer Fields Margo Schmidt Confer Fields Margo Schmidt Confer Fields Margo Schmidt OTTIC No Bargon Conp Ripata Confer Fields Margo Schmidt OTTIC No Bargon Conp Ripata Confer Fields Margo Schmidt OTTIC No Bargon Conp Ripata Conp Ripata OTTIC No Bargon Conp Ripata OTTI







Farmers must plant organic seeds, *unless* they document they cannot find an organic version of the variety, quality or quantity they want to plant.



High price is not an acceptable reason to not buy organic seed.

No captan, apron or other nonapproved seed treatments allowed within three years of organic

No GMO nitrogen fixing bacteria allowed, but nonGMO inoculants are allowed.

Cover crop seeds must follow these rules as well.

*Common size: 25 to 30 foot buffer area *Common buffers: roads, grass, hay or trees *Size of the buffer is directly related to the risk posed by use of prohibited substances on neighboring lands. *NRCS practice standards may be more specific, such as the CSP Enhancement to expand buffers to 60 feet. Nonorganic field, road is **Torque of the buffer zone along fence line.** **Torque of the buffer zone along fence line.**

<u>Soil fertility</u> Manage fertility using rotations, cover crops and application of plant and animal materials.

NOP: There must be a soil building rotation, including small grains and legumes either as crops or green manures to break cycle of continuous row cropping; no annual crops may be grown in succession in the same field.

Prepared by MOSES www.mosesorganic.org

Organic pest, weed and disease control hierarchy

1st: - Cultural (crop rotation, sanitation, seed variety)

- Mechanical or physical (exclusion, beneficial insect habitat, lures, traps, repellants, mulches, flame)

2nd: Natural biological, botanical or mineral inputs

Last: Approved synthetics on the national list -provided the CONDITIONS for use are DOCUMENTED and the previous 2 were ineffective

National List of Allowed and Prohibited Substances

- ➤ All naturals approved, except for
- > those specifically prohibited
- ➤ All synthetics prohibited, except for those specifically allowed
- Separate listings for crops, livestock and ingredients in processed products.

Organic Livestock Production

- √ Feed must be organic.
- √ Health care within organic requirements.
- ✓ Pasture for all ruminants is mandated.
- √ Housing must allow for freedom of movement.
- ✓ Records maintained on health and feed
- ✓ Slaughter mammals must be organic from last third of gestation
- ✓ Poultry must be organic from second day of life

Conversion to Organic Dairy

<u>One vear of organic management</u> prior to sale of organic milk or organic dairy animals.

100% certified organic feed and health care.

Feed given all animals (cows, heifers, calves) during the conversion year can be grown on 24-36 month "transition to organic" land, as long as it is grown by the farmer requesting the organic dairy certification.

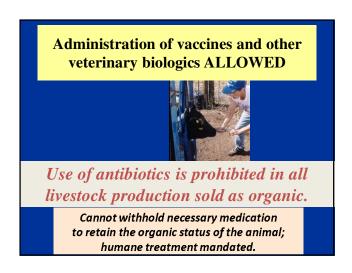
<u>Transitional feed cannot be used</u> <u>if purchased from off the farm.</u>

> Prepared by Mi www.mosesorga

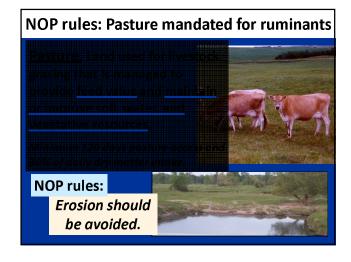
All feed contains only organic agricultural ingredients.

Feed supplements do not contain poultry or mammalian byproducts, urea or manure; or prohibited preservatives or colorings.



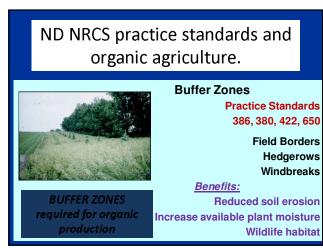


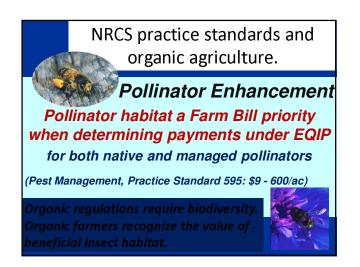




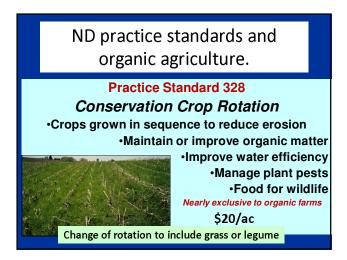


















ND NRCS practice standards and organic agriculture.

Practice Standard 516
Pipeline

Installing pipeline for grazed livestock
\$1.10 to \$4.10 per foot



ND NRCS practice standards and organic agriculture.

Practice Standard 382
Fence
\$0.40 to \$6.44/ft











Practice Standards to Support High Tunnels

Irrigation systems, drainage, cover crops, etc (ND practices)

Erosion control: 412, 342Water management: 620

• Nutrient management: 590, 328, 340

Pest management: 595

Top 10 Tasks for NRCS				
Introd	uce USDA	Erosion control		
Knowl	edge of EQIP & CSP	Manure/nutrient management		
Whole	e-farm conservation	Pasture management & development		
Techn	ical Service Provider	Wildlife habitat development		
Buffer	zones	Specialty topics		
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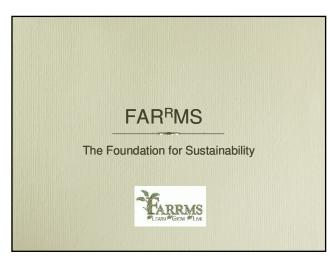












What is FARRMS?

- The purpose of our organization is to provide educational outreach, research and information regarding sustainable agriculture and rural resources.
 We want to further the sustainability of thriving farms and rural communities.
- · Located in Medina, ND



Programs for Producers

- · The Sustainable Farm Series
- Sustainable U
- · Farm to School
- Field Days
- Mentoring
- Seed Production
- Greenhouse/Hoophouse Construction & Production

The Sustainable Farm Series

- A series of four (or five) classes geared towards existing farms and farmers interest in learning more about sustainable farming practices
- Classes are taught by experienced farmers and ag professionals
 - Whole Farm Planning
 - Specific Topics
 - Marketing
- The Sustainable Farm Series
- Monitoring and Adding Value to Your Farm
- Each participating family is offered a one-to-one mentoring relationship with an experienced farmer in their area of interest.

Sustainable U

- · One day intensive education event
- 2010 Three tracks: crops, livestock & gardening
- 2011 Joel Salatin, December 3rd, Fargo, ND









Seed Production • FARRMS is partnering with NPSAS's Farm Breeder Club and the Farmers' Seed Alliance to support production of vegetable seed and organic crop seeds. • We will have classes and grants/loans available.

Greenhouse/Hoophouse Construction & Production

 FAR^RMS offers seminars and classes on construction and production of both greenhouses and hoophouses.



New Programs

- Beginning Farmer Series
 - Working with new and/or young farmers
- · Making Your Small Farm Profitable
 - Working with farmers with small acreages OR those who want to maximize production

Help for Producers

- Grants to Grow just available in ND right now
 - This is a front end grant/back end loan program
 - There are 4 different application scenarios:



- 1. Up to \$1000 Straight Grant
- 2. \$1001-\$3000 \$1000 grant and the remaining amount is a low interest loan



- 3. \$3001 \$10,000 Up to 33% of the request can be given as a grant and the remaining is a low interest loan
- 4. Straight loan up to \$14 per acre
- Application deadlines vary depending on the scenario

Staff

- · Annie Carlson, Executive Director
- Jennifer Lunde, Administrative Assistant
- Sue Balcom, Marketing & Outreach Coordinator
- Britt Jacobson, Grant Writer
- We're looking for a new Program Coordinator, see our website www.farrms.org for details



