



HYANNIS SERVICE CENTER
 270 COMMUNICATION WAY UNIT 1G
 HYANNIS, MA 02601-1883
 (508) 771-6476

DONALD LIPTACK
 SITE COORDINATOR

Conservation Plan

MARTHA'S VINEYARD LAND BANK COMMISSION
 PO BOX 1417
 EDGARTOWN, MA 02539

OBJECTIVE(S)

To return an old temporarily abandoned dairy farm into a working farm with combined livestock and vegetable operations.

Crop

No Tract

Conservation Crop Rotation

Grow crops in a planned rotation for biodiversity and to provide adequate amounts of organic material for erosion reduction, nutrient balance and sustained soil organic matter.

Field	Planned Amount	Month	Year	Applied Amount	Date
2	2.1 ac	5	2011		
2	2.1 ac	5	2012		
2	2.1 ac	5	2013		
2	2.1 ac	5	2014		
2	2.1 ac	5	2015		
4	0.6 ac	5	2011		
4	0.6 ac	5	2011		
4	0.6 ac	5	2011		
4	0.6 ac	5	2011		
4	0.6 ac	5	2011		
6	0.4 ac	5	2011		
6	0.4 ac	5	2012		
6	0.4 ac	5	2013		
6	0.4 ac	5	2014		
6	0.4 ac	5	2015		
Total:	15.5 ac				

Cover Crop

Close-growing grasses, legumes, or small grain will be grown for seasonal protection, soil improvement and nutrient management.

Field	Planned Amount	Month	Year	Applied Amount	Date
2	2.1 ac	9	2011		
2	2.1 ac	9	2012		
2	2.1 ac	9	2013		
2	2.1 ac	9	2014		
2	2.1 ac	9	2015		
4	0.6 ac	9	2011		
4	0.6 ac	9	2012		
4	0.6 ac	9	2013		
4	0.6 ac	9	2014		
4	0.6 ac	9	2015		
6	0.4 ac	9	2011		
6	0.4 ac	9	2012		
6	0.4 ac	9	2013		
6	0.4 ac	9	2014		
6	0.4 ac	9	2015		
Total:	15.5 ac				

Integrated Pest Management

Manage infestations of weeds, insects and disease to reduce adverse effects on plant growth, crop production and material resources.

Field	Planned Amount	Month	Year	Applied Amount	Date
2	2.1 ac	6	2011		
2	2.1 ac	6	2012		
2	2.1 ac	6	2013		
2	2.1 ac	6	2014		
2	2.1 ac	6	2015		
4	0.6 ac	6	2011		
4	0.6 ac	6	2012		
4	0.6 ac	6	2013		
4	0.6 ac	6	2014		
4	0.6 ac	6	2015		
6	0.4 ac	6	2011		
6	0.4 ac	6	2012		
6	0.4 ac	6	2013		
6	0.4 ac	6	2014		
6	0.4 ac	6	2015		
Total:	15.5 ac				

Nutrient Management

Manage the amount, form, placement and timing of plant nutrient application.

Field	Planned Amount	Month	Year	Applied Amount	Date
2	2.1 ac	5	2011		
2	2.1 ac	5	2012		
2	2.1 ac	5	2013		
2	2.1 ac	5	2014		
2	2.1 ac	5	2015		
4	0.6 ac	5	2011		
4	0.6 ac	5	2012		
4	0.6 ac	5	2013		
4	0.6 ac	5	2014		
4	0.6 ac	5	2015		
6	0.4 ac	5	2011		
6	0.4 ac	5	2012		
6	0.4 ac	5	2013		
6	0.4 ac	5	2014		
6	0.4 ac	5	2015		
Total:	15.5 ac				

Hay

No Tract

Forage Harvest Management

Forage will be harvested at a frequency and height that will maintain a desired healthy plant community. State Extension or consultant recommendations based on state of maturity, moisture content, length of cut, stubble height and harvest interval should be used to meet this purpose.

Field	Planned Amount	Month	Year	Applied Amount	Date
1	1.6 ac	6	2011		
1	1.6 ac	6	2012		
1	1.6 ac	6	2013		
1	1.6 ac	6	2014		
1	1.6 ac	6	2015		
8	1 ac	6	2012		
8	1 ac	6	2013		
8	1 ac	6	2014		
8	1 ac	6	2015		
Total:	12 ac				

Nutrient Management

Manage the amount, form, placement and timing of plant nutrient application.

Field	Planned Amount	Month	Year	Applied Amount	Date
1	1.6 ac	5	2011		
1	1.6 ac	5	2012		
1	1.6 ac	5	2013		
1	1.6 ac	5	2014		
1	1.6 ac	5	2015		
8	1 ac	5	2012		
8	1 ac	5	2013		
8	1 ac	5	2014		
8	1 ac	5	2015		
Total:	12 ac				

Pasture and Hay Planting

Lime and fertilize according to soil tests. In the absence of test results, lime at the rate of at least 3 tons per acre and apply 40-80-40 for a legume or legume-grass planting. Prepare a seedbed by plowing, harrowing, and dragging, as appropriate, or use conservation tillage methods. Plant species must be compatible with soil conditions and planned land use. Seedings will be made during the period Aug. 1- Sept. 1 or in the spring before June 1. In conventional seedings, seeds will be sown on the surface. The soil should be firmed after conventional seeding by rolling or cultipacking. Seed using a mixture:

Field	Planned Amount	Month	Year	Applied Amount	Date
1	1.6 ac	5	2011		
8	1 ac	5	2012		
Total:	2.6 ac				

Headquarters

No Tract

Critical Area Planting

Vegetation will be established on severely eroding areas or other areas requiring extra ordinary means to establish vegetation.

Field	Planned Amount	Month	Year	Applied Amount	Date
HQ	1 ac	1	2015		
Total:	1 ac				

Heavy Use Area Protection

Protect heavily used areas by providing soil protection with vegetation, surfacing material or mechanical structures.

Field	Planned Amount	Month	Year	Applied Amount	Date
HQ	1 ac	1	2015		
Total:	1 ac				

Underground Outlet

Install a subsurface pipe to collect and safely convey surface water to a suitable outlet.

Field	Planned Amount	Month	Year	Applied Amount	Date
HQ	150 ft	1	2014		
Total:	150 ft				

Vegetated Treatment Area

Establish a strip or area of herbaceous vegetation as a treatment component of an agricultural waste management system.

Field	Planned Amount	Month	Year	Applied Amount	Date
HQ	2 ac	1	2014		
Total:	2 ac				

Waste Storage Facility

Install a facility to store liquid and/or solid waste on a temporary basis.

Field	Planned Amount	Month	Year	Applied Amount	Date
HQ	150 no	8	2015		
Total:	150 no				

Pasture

No Tract

Pasture and Hay Planting

Lime and fertilize according to soil tests. In the absence of test results, lime at the rate of at least 3 tons per acre and apply 40-80-40 for a legume or legume-grass planting. Prepare a seedbed by plowing, harrowing, and dragging, as appropriate, or use conservation tillage methods. Plant species must be compatible with soil conditions and planned land use. Seedings will be made during the period Aug. 1-Sept. 1 or in the spring before June 1. In conventional seedings, seeds will be sown on the surface. The soil should be firmed after conventional seeding by rolling or cultipacking. Seed using a mixture:

Field	Planned Amount	Month	Year	Applied Amount	Date
3	5.2 ac	1	2011		
5	0.4 ac	1	2011		
7	3.3 ac	1	2011		
Total:	8.9 ac				

Pipeline

Install a pipeline to convey water from supply source to points of use.

An engineering plan will be provided detailing the installation and material specifications for the pipeline.

Operation and Maintenance:

Inspect and test valves, pressure regulators, pumps, switches and other appurtenances to ensure proper functioning.

Check for debris, minerals, algae and other materials which may restrict system flow.

Field	Planned Amount	Month	Year	Applied Amount	Date
3	1000 ft	1	2012		
5	500 ft	1	2012		
7	200 ft	1	2012		
Total:	1700 ft				

Prescribed Grazing

Grazing will be managed according to a schedule that meets the needs of the soil, water, air, plant and animal resources and the objectives of the resource manager.

Field	Planned Amount	Month	Year	Applied Amount	Date
3	5.2 ac	1	2014		
5	0.4 ac	1	2014		
7	3.3 ac	1	2014		
Total:	8.9 ac				

Watering Facility

Install a device (tank, trough, or other watertight container) for providing animal access to water. Provide this facility at indicated location(s) to protect and enhance vegetative cover through proper distribution of grazing; provide erosion control through better grassland management; and/or protect streams, ponds, and water supplies from contamination by providing alternative access to water.

Field	Planned Amount	Month	Year	Applied Amount	Date
3	2 no	6	2013		
5	1 no	1	2013		
7	1 no	1	2013		
Total:	4 no				

Wildlife

No Tract

Upland Wildlife Habitat Management

Create, maintain or enhance area(s) to provide upland wildlife food and cover.

Field	Planned Amount	Month	Year	Applied Amount	Date
9	10 ac	4	2016		
9	10 ac	4	2017		
9	10 ac	4	2018		
9	10 ac	4	2019		
9	10 ac	4	2020		
Total:	50 ac				

CERTIFICATION OF PARTICIPANTS

MARTHA'S VINEYARD LAND BA DATE

CERTIFICATION OF:

SITE COORDINATOR

DONALD LIPTACK DATE

CONSERVATION DISTRICT

CAPE COD CONSERVATION DIS DATE

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