



Project: Dairy Operation Example

Location: A51015PS3_6460_6230

Scenario: Existing

Action: Scenario Summary

Post BMP Landuse

Post BMP Landuse	Acres
Forest	9.4
Alfalfa w/ Nutrient Mngmt	72
Hay w/ Nutrient Mngmt	6
Row Crops w/ Nutrient Mngmt- Low Till	222
Pasture w/ Nutrient Management	99.6
Degraded Stream Corridor (Pasture)	2.4

Animals

Animal	Number	Time Confined
Dairy Cows	150	0.75

Landuse Change and Efficiency BMPs

BMP	Landuse	Amount Submitted	Amount Credited	Unit
Conservation Tillage	Row Crops	231.4	231.4	acres
Nutrient Management	Pasture	99.6	99.6	acres
Nutrient Management	Row Crops- Low Till	231.4	231.4	acres
Nutrient Management	Hay	6	6	acres
Nutrient Management	Alfalfa	72	72	acres
Forest Buffers (Agriculture)	Row Crops w/ Nutrient Mngmt- Low Till	9.4	9.4	acres
Prescribed Grazing	Pasture w/ Nutrient Management	99.6	99.6	acres

Animal Confinement Area BMPs

BMP	Animal	Amount	Unit
No records to display.			

Application Reduction BMPs

Landuse	Acres Submitted	Acres Credited	N lbs/acres Reduction	P lbs/acres Reduction
No records to display.				

Pre BMP Loads

Landuse	N Load EOS (lbs)	N Load Delivered (lbs)	P Load EOS (lbs)	P Load Delivered (lbs)	Sediment Load EOS (tons)	Sediment Load Delivered (tons)
Animal Confinement Area	1045.5	67.5	21	9.8	0	0
Alfalfa	916.6	59.2	224.9	104.7	34.8	22.3
Row Crops	20722.8	1338.4	598.8	278.7	434.7	279
Hay	177.7	11.5	6	2.8	3	1.9
Pasture	1741.5	112.5	230.8	107.4	63.4	40.7
Degraded Stream Corridor (Pasture)	275	17.8	43	20	17.7	11.4
TOTAL	24879.1	1606.8	1124.3	523.3	553.7	355.3

Existing Loads

Landuse	N Load EOS (lbs)	N Load Delivered (lbs)	P Load EOS (lbs)	P Load Delivered (lbs)	Sediment Load EOS (tons)	Sediment Load Delivered (tons)
Animal Confinement Area	1045.5	67.5	21	9.8	0	0
Forest	43.4	2.8	1.4	0.7	0.3	0.2
Alfalfa w/ Nutrient Mngmt	914.9	59.1	224.9	104.7	34.7	22.3
Hay w/ Nutrient Mngmt	66.2	4.3	6	2.8	3	1.9
Row Crops w/ Nutrient Mngmt- Low Till	18126.1	1170.7	425.1	197.8	257.4	165.2
Pasture w/ Nutrient Management	1567.4	101.2	184.6	85.9	44.4	28.5
Degraded Stream Corridor (Pasture)	275	17.8	43	20	17.7	11.4
TOTAL	22038.6	1423.4	905.9	421.6	357.6	229.4

Load Reduction from Pre-BMP Load

N Load EOS (lbs)	N Load Delivered (lbs)	P Load EOS (lbs)	P Load Delivered (lbs)	Sediment Load EOS (tons)	Sediment Load Delivered (tons)
2840.5	183.5	218.4	101.6	196.2	125.9

Load Reduction Percentages from Pre-BMP Load

N Load EOS (%)	N Load Delivered (%)	P Load EOS (%)	P Load Delivered (%)	Sediment Load EOS (%)	Sediment Load Delivered (%)
11.4	11.4	19.4	19.4	35.4	35.4



Project: Dairy Operation Example

Location: A51015PS3_6460_6230

Scenario: CIP

Action: Scenario Summary

Post BMP Landuse

Post BMP Landuse	Acres
Forest	9.4
Unfertilized Grass	5.6
Alfalfa w/ Nutrient Mngmt	72
Hay w/ Nutrient Mngmt	6
Row Crops w/ Nutrient Mngmt- Low Till	222
Pasture w/ Nutrient Management	96.4

Animals

Animal	Number	Time Confined
Dairy Cows	150	0.75

Landuse Change and Efficiency BMPs

BMP	Landuse	Amount Submitted	Amount Credited	Unit
Conservation Tillage	Row Crops	231.4	231.4	acres
Nutrient Management	Pasture	99.6	99.6	acres
Nutrient Management	Row Crops- Low Till	231.4	231.4	acres
Nutrient Management	Hay	6	6	acres
Nutrient Management	Alfalfa	72	72	acres
Stream Fencing ≥35 ft wide (Grass Buffer)- In NM Pasture	Pasture w/ Nutrient Management	3.2	3.2	acres
Stream Fencing ≥35 ft wide (Grass Buffer)- In NM Pasture	Degraded Stream Corridor (Pasture)	2.4	2.4	acres
Forest Buffers (Agriculture)	Row Crops w/ Nutrient Mngmt-Low Till	9.4	9.4	acres
Continuous No-Till	Row Crops w/ Nutrient Mngmt-Low Till	222	222	acres
Cover Crop- Standard Drilled Barley	Row Crops w/ Nutrient Mngmt-Low Till	222	222	acres
Prescribed Grazing	Pasture w/ Nutrient Management	99.6	96.4	acres

Animal Confinement Area BMPs

BMP	Animal	Amount	Unit
No records to display.			

Application Reduction BMPs

Landuse	Acres Submitted	Acres Credited	N lbs/acres Reduction	P lbs/acres Reduction
No records to display.				

Pre BMP Loads

Landuse	N Load EOS (lbs)	N Load Delivered (lbs)	P Load EOS (lbs)	P Load Delivered (lbs)	Sediment Load EOS (tons)	Sediment Load Delivered (tons)
Animal Confinement Area	1045.5	67.5	21	9.8	0	0
Alfalfa	916.6	59.2	224.9	104.7	34.8	22.3
Row Crops	20722.8	1338.4	598.8	278.7	434.7	279
Hay	177.7	11.5	6	2.8	3	1.9
Pasture	1741.5	112.5	230.8	107.4	63.4	40.7
Degraded Stream Corridor (Pasture)	275	17.8	43	20	17.7	11.4
TOTAL	24879.1	1606.8	1124.3	523.3	553.7	355.3

CIP Loads

Landuse	N Load EOS (lbs)	N Load Delivered (lbs)	P Load EOS (lbs)	P Load Delivered (lbs)	Sediment Load EOS (tons)	Sediment Load Delivered (tons)
Animal Confinement Area	1045.5	67.5	21	9.8	0	0
Forest	43.4	2.8	1.4	0.7	0.3	0.2
Unfertilized Grass	33.1	2.1	0.5	0.2	2.7	1.7
Alfalfa w/ Nutrient Mngmt	914.9	59.1	224.9	104.7	34.7	22.3
Hay w/ Nutrient Mngmt	66.2	4.3	6	2.8	3	1.9
Row Crops w/ Nutrient Mngmt- Low Till	12017.4	776.1	255.1	118.7	77.2	49.5
Pasture w/ Nutrient Management	1432.4	92.5	172.5	80.3	41	26.3
TOTAL	15552.9	1004.5	681.3	317.1	158.9	102

Load Reduction from Pre-BMP Load

N Load EOS (lbs)	N Load Delivered (lbs)	P Load EOS (lbs)	P Load Delivered (lbs)	Sediment Load EOS (tons)	Sediment Load Delivered (tons)
9326.2	602.3	443.1	206.2	394.8	253.4

Load Reduction Percentages from Pre-BMP Load

N Load EOS (%)	N Load Delivered (%)	P Load EOS (%)	P Load Delivered (%)	Sediment Load EOS (%)	Sediment Load Delivered (%)
37.5	37.5	39.4	39.4	71.3	71.3