



QMA Impact Report

Farm	Springdale Farm – Bill Moody and Meghan Moody Potter		
Planner	Shy Taylor	QMA Code: PFM	
Date	1/24/2019		

Results / Impact

(briefly describe the progress toward QMA goals as well as any increased production or profitability, improved efficiency, improved effectiveness of BMP, etc.)

Working with the Moody's nutrient planner, Kari Sheridan, we are able to show that manure phosphorus concentrations have decreased since starting PFM in 2016. We have implemented many practices with the Moody's that contributed including, harvesting high quality baleage, improving grazing efficiency, and focusing on increasing milk solids production. This is a pro for them as well, since now they are able to have more flexibility in their spreading practices.

From: Kari Sheridan
To: Paul E. Cerosaletti; Shylabeth Taylor
Sent: Friday, December 28, 2018
Subject: PFM results are in the poo

Hey guys

I just took a manure sample out at Bill Moody's. Compared to a sample taken in 2015, the P content is down more than half of what it used to be. This really helped with my plan and allowed me to be more flexible with manure allocations. Good work team!

Kari Sheridan, *Nutrient Management Specialist* - CCA



2015 Manure Analysis

Components	As Received	Lbs / Ton	Lbs / 1000 Gal
Nitrogen (N)	.614 %	12.3	49.7
Ammonia Nitrogen	.225 %	4.5	18.2
Organic Nitrogen	.389 %	7.8	31.5
Phosphorus (P)	.157 %	3.1	12.7
Phosphate Equivalent (P205)	.359 %	7.2	29.0
Potassium (K)	.514 %	10.3	41.6
Potash Equivalent (K20)	.619 %	12.4	50.2
Total Solids	18.01 %		
Density	1.97 kg/l	60.58 Lbs/CuFt	8.10 Lbs/Gal

2018 Manure Analysis

Components	As Received	Lbs / Ton	Lbs / 1000 Gal
Nitrogen (N)	.599 %	12.0	51.5
Ammonium Nitrogen	.195 %	3.9	16.7
Organic Nitrogen	.404 %	8.1	34.7
Phosphorus (P)	.063 %	1.3	5.4
Phosphate Equivalent (P205)	.145 %	2.9	12.5
Potassium (K)	.338 %	6.8	29.1
Potash Equivalent (K20)	.407 %	8.1	35.0
Total Solids	10.81 %		
Density	1.03 kg/l	64.28 Lbs/CuFt	8.59 Lbs/Gal