Enhancing Forages with Nutrient Dense Sprays 2013 Trials

Dr. Heather Darby, UVM Extension Agronomist
Susan Monahan, Conner Burke, Erica Cummings, and Hannah Harwood
UVM Extension Crops and Soils Technicians
802-524-6501

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ENHANCING FORAGES WITH NUTRIENT DENSE SPRAYS, 2013 TRIALS

Dr. Heather Darby, University of Vermont Extension
Heather.Darby[at]uvm.edu

Table 3. Harvest and spray dates at each location.

Treatment	

RESULTS AND DISCUSSION

Seasonal precipitation and temperature recorded at weather stations in close proximity to Westfield and Shelburne, VT are reported in Table 4. The temperature and precipitation in Westfield was close to the 30-year average. There were a total of 5243 GDDs (growing degree days), 112 GDDs below average. May, July, and October were warmer than average in Westfield, with substantially more rain in May, June, July and September. In Shelburne, monthly temperatures were above the 30-year average every month of the growing season except September. There were a total of 6176 GDDs, 323 GDDs above average. Warmer temperatures in Shelburne contribute to the earlier harvests of hay. In May and June, it rained about 6 inches more than normal in Westfield and 11.5 inches more than normal in Shelburne.

Table 4.

Table 5. First cut hay yield and quality, Westfield, VT, 4-Jun 2013.

Treatment	DM Yield lbs. acre^{-1}	CP %	Starch %	ADF %	NDF %	NFC %	NDFD %
All	2161	18.1	2.0	27.8	53.5*	27.8	36.7
Control	2256	17.6	1.8	29.2	55.8*	26.3	35.5
MicroPak	2105	17.6	2.0	28.4	54.4*	27.6	35.7
Phosphorus	2086	18.1	2.0	27.6	**53.5***	28.3	36.9
PhotoMag	2114	17.7	2.0	28.0	53.6*	28.0	36.0
Potassium	2124	18.2	1.9	28.7	55.0*	26.6	35.8
Rejuvenate	2303	16.8	1.7	29.2	57.8	26.2	36.2
Trial Mean	2164	17.7	1.9	28.4	54.8	27.2	36.1
LSD (p<0.10)	NS	NS	NS	NS	2.64	NS	NS

NS

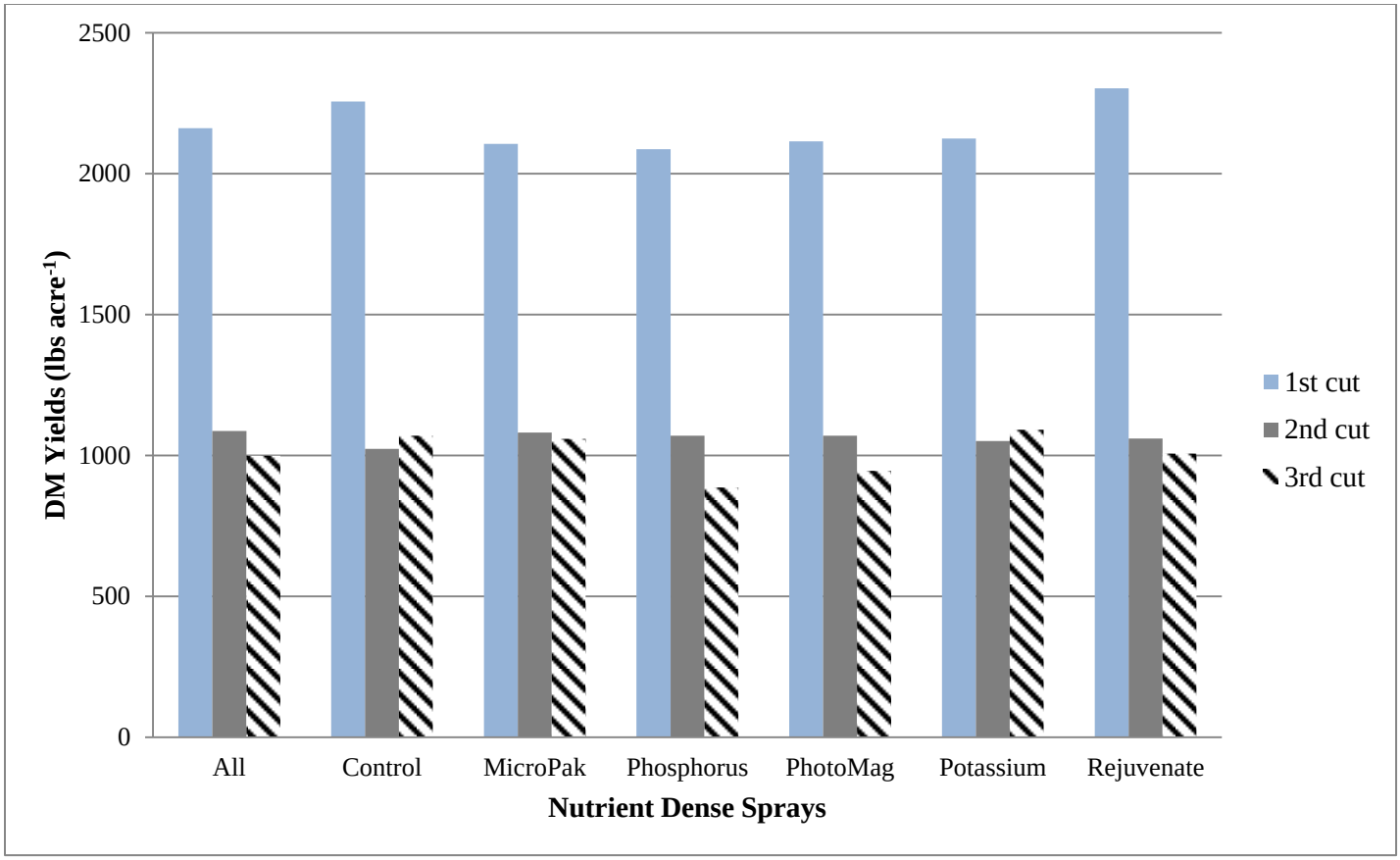

Figure 1. First, second and third cut dry matter yields, Westfield, VT, 2013.

Figure 2. First, second and third cut crude protein, Westfield, VT, 2013.

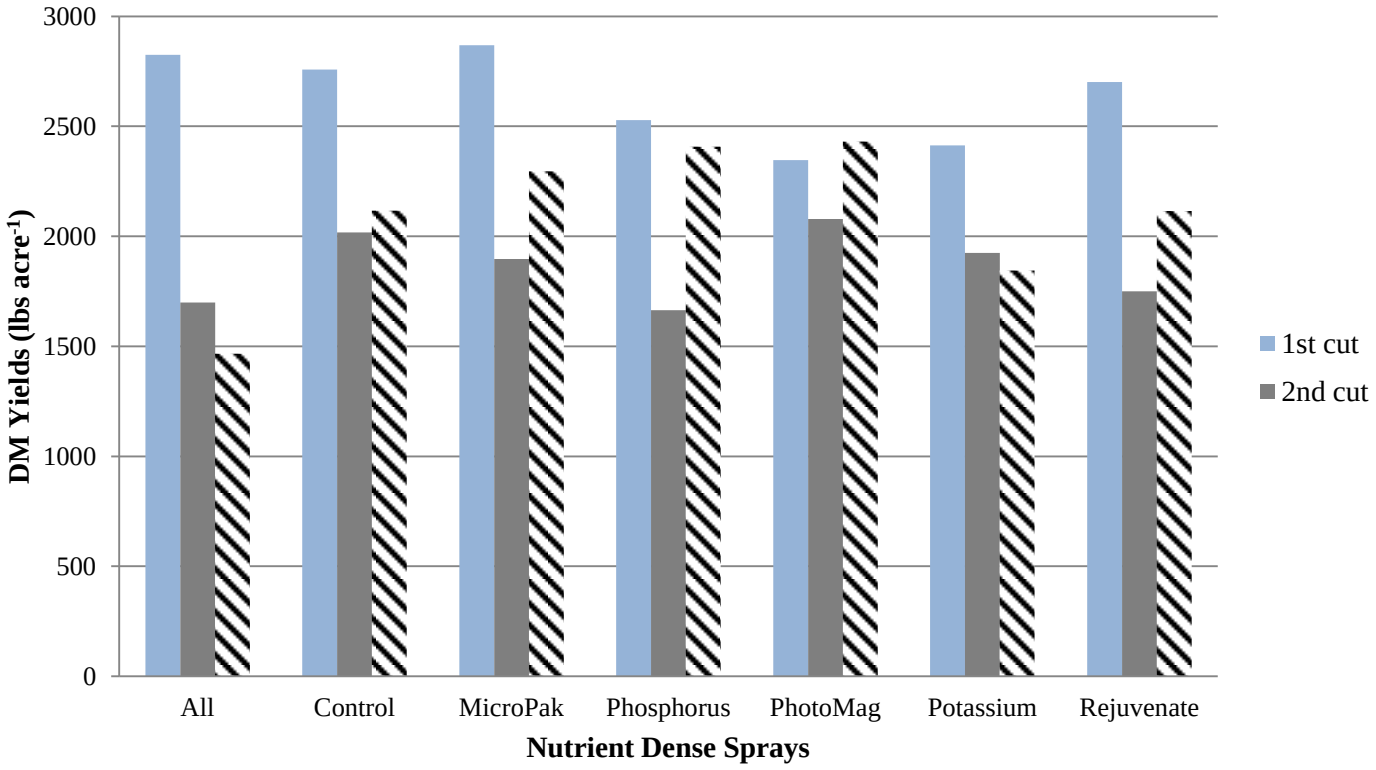

Figure 3. First, second and third cut dry matter yields, Shelburne, VT, 2013.

Figure 4. First, second and third cut crude protein, Shelburne, VT, 2013.

ACKNOWLEDGEMENTS

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