

2014-2017 SARE Grant Project – Ramial Chip Mulch and Organic Fertilizers on Wild Blueberries

	A.	B.	C.	D.		
	Mulch + half-rate fertilizer	Mulch only	Control	Mulch + full-rate fertilizer		
SOIL ANALYSIS						
2010 Phosphorous (lb/acre)	5.9	5.9	5.9	5.9		
2016 Phosphorous –UMaine	18.8	15.5	12.0	16.7		
2016 Phosphorous –Perry	106	79	79	108		
2010 Potassium (lb/acre)	382	382	382	382		
2016 Potassium –UMaine	410	392	330	393		
2016 Potassium –Perry	228	210	198	233		
2010 Calcium (lb/acre)	1,179	1,179	1,179	1,179		
2016 Calcium –UMaine	1,319	933	737	1,502		
2016 Calcium –Perry	684	509	480	797		
2010 Magnesium (lb/acre)	223	223	223	223		
2016 Magnesium –UMaine	185	176	118	171		
2016 Magnesium –Perry	101	92	76	105		
2010 Sulfur (ppm)	65	65	65	65		
2016 Sulfur –UMaine	78	96	126	86		
2016 Sulfur –Perry	56 (lb/acre)	76 (lb/acre)	113 (lb/acre)	79 (lb/acre)		
2010 pH	4.9	4.9	4.9	4.9		
2016 pH –UMaine	4.2	4.0	4.2	4.4		
2016 pH –Perry	3.6	3.5	3.6	3.8		
2010 %Organic Matter	16.8	16.8	16.8	16.8		
2016 %Org. Matter –UMaine	23.1	24.4	20.7	20.1		
2016 %Org. Matter –Perry	11.4	11.4	10.8	10.8		
2010 CEC	8.3	8.3	8.3	8.3		
2016 CEC –UMaine	9.5	8.9	7.6	9.2		
2016 CEC –Perry	17.67	18.17	15.52	15.98		