

2017 Silage Trial – Malta, IL: 107 – 116 day

Location	Hybrid	Rep	# of Plants	Population	Field Weight in Pounds	Field NIR Sugar	Field NIR Starch	Field NIR NDF	Field NIR CP	% Dry Matter	Harvest Moisture	Tons/Ac. Adjusted to 65% Moisture	Tons/Ac. Adjusted to Dry Wt. Basis		
Malta, IL	57A30	1	70	34,483	96.6	4	47.4	37.9	7.7	36.5	63.5	24.8	8.7		
Malta, IL	57A30	2	72	35,468	76	3.3	53.4	37.9	7.5	37.1	62.9	19.8	6.9		
Malta, IL	57A30	3	69	33,990	95	4.1	48.6	38.5	7.7	35.7	64.3	23.8	8.3		
57A30						Location Average:		3.8	49.8	38.1	7.6	36.4	63.6	22.8	8.0
Malta, IL	62G22	1	74	36,453	115.8	3.7	43.9	38.8	7.8	34.1	65.9	27.8	9.7		
Malta, IL	62G22	2	76	37,438	134	4.2	43.4	39.1	7.8	33.9	66.1	31.9	11.2		
Malta, IL	62G22	3	74	36,453	95.6	3.6	51.4	39.5	7.6	35.1	64.9	23.6	8.3		
62G22						Location Average:		3.8	46.2	39.1	7.7	34.4	65.6	27.8	9.7
Malta, IL	65G55	1	70	34,483	101.2	4.5	40.9	39.7	8	32.9	67.1	23.4	8.2		
Malta, IL	65G55	2	73	35,961	92.6	4.1	45.1	39.6	7.8	33.5	66.5	21.8	7.6		
Malta, IL	65G55	3	71	34,975	79.8	4.4	44.3	39.3	7.9	33.3	66.7	18.7	6.5		
65G55						Location Average:		4.3	43.4	39.5	7.9	33.2	66.8	21.3	7.5
Malta, IL	65N94	1	76	37,438	128.6	3.9	39.9	39.9	7.8	31.9	68.1	28.9	10.1		
Malta, IL	65N94	2	72	35,468	96	4.3	40.5	40.4	7.9	31.9	68.1	21.5	7.5		
Malta, IL	65N94	3	70	34,483	114.2	4.4	43.8	40.4	7.7	31.8	68.2	25.5	8.9		
65N94						Location Average:		4.2	41.4	40.2	7.8	31.9	68.1	25.3	8.9
Malta, IL	66G25	1	70	34,483	98.6	4.6	39	40.1	8.1	31.9	68.1	22.1	7.7		
Malta, IL	66G25	2	73	35,961	84.2	4.2	42	39.8	7.9	31.7	68.3	18.8	6.6		
Malta, IL	66G25	3	76	37,438	93.2	4.7	40.3	40.5	8	31.5	68.5	20.6	7.2		
66G25						Location Average:		4.5	40.4	40.1	8.0	31.7	68.3	20.5	7.2
Malta, IL	70N16	1	69	33,990	96.4	3.9	39.7	39.6	7.8	32.1	67.9	21.8	7.6		
Malta, IL	70N16	2	72	35,468	108	4.6	40.2	40	7.8	32.3	67.7	24.5	8.6		
Malta, IL	70N16	3	68	33,498	123	4	44.6	39.3	7.8	31.6	68.4	27.3	9.6		
70N16						Location Average:		4.2	41.5	39.6	7.8	32.0	68.0	24.5	8.6
Malta, IL	70A47	1	74	36,453	99.8	4.5	38	40	8	31.3	68.7	22.0	7.7		
Malta, IL	70A47	2	71	34,975	87	4.3	42.2	39.6	7.9	32.3	67.7	19.8	6.9		
Malta, IL	70A47	3	76	37,438	117.8	4.8	40.8	39.6	7.9	32.2	67.8	26.7	9.3		
70A47						Location Average:		4.5	40.3	39.7	7.9	31.9	68.1	22.8	8.0
Malta, IL	72L99	1	58	28,571	128.2	4.1	40.5	40.6	7.9	32.1	67.9	28.9	10.1		
Malta, IL	72L99	2	56	27,586	120.6	4.6	40	41.3	8	31.3	68.7	26.5	9.3		
Malta, IL	72L99	3	58	28,571	122.8	4.7	42.8	41.3	7.7	31.3	68.7	27.0	9.5		
72L99						Location Average:		4.5	41.1	41.1	7.9	31.6	68.4	27.5	9.6

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