2018 Replicted Silage Trial 112 - 116 RM

2018 - Location	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.	Malta, IL 4 rep-Avg.
Variety	**66G25**	**70A47**	**70N16**	**EXP4.RM7**	**74B75**	**EXP6.RM7**	**EXP7.RM7**	**EXP8.RM7**	**EXP9.RM7**	**EXP10.RM7**
Moisture @ Harvest	65.9	67.4	66.6	65.9	68.3	67.4	67.0	67.2	68.8	68.4
Tons/Ac. @ 70%	24.6	22.9	26.0	24.8	25.7	27.9	24.3	27.3	24.1	27.9
Tons/Ac. @ 65%	29.5	27.4	31.2	29.8	30.8	33.5	29.2	32.8	28.9	33.5
Field Data >>>>>>>>>>>>>>>>		^	^	^	^	^	^	^	^	^
Lab Data >>>>>>>>>>>>>>>>		v	v	v	v	v	v	v	v	v
Analysis Package (N8V)	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.	2 rep-Avg.
Moisture	65.7	67.9	67.6	66.5	68.8	68.1	68.4	68.5	70.7	70.0
Dry Matter	34.3	32.1	32.4	33.5	31.2	31.9	31.6	31.6	29.3	30.0
pH	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.3	4.3
CP	6.1	6.4	5.9	6.8	6.7	6.3	6.3	6.9	6.8	7.1
Ammonia CP%CP	2.7	1.8	2.7	2.2	2.6	1.9	1.3	2.3	1.9	2.7
Ammonia CP%SP	8.1	5.4	8.0	7.1	8.4	6.0	4.2	7.2	5.7	8.2
ADF	21.8	23.8	24.2	22.5	24.7	25.3	25.1	24.9	26.4	24.1
aNDFom	34.9	38.1	38.5	36.7	39.6	41.0	42.4	39.9	44.1	39.7
aNDF	35.7	39.0	39.5	37.6	40.6	42.1	43.2	40.9	45.0	40.7
Lignin	2.7	3.1	3.2	3.1	3.2	3.3	3.2	3.3	3.4	3.1
NDFD24	56.2	53.1	53.7	51.4	55.0	52.6	53.7	52.6	54.6	54.4
NDFD30	59.5	56.7	57.2	55.7	58.2	56.5	57.8	56.7	58.2	58.0
NDFD240	74.2	72.5	73.3	74.1	73.1	73.5	75.5	74.4	74.3	73.9
uNDFom30	14.1	16.5	16.5	16.2	16.6	17.8	17.9	17.3	18.5	16.7
uNDFom24	15.3	17.9	17.9	17.8	17.9	19.4	19.7	18.9	20.1	18.1
uNDFom240	9.0	10.4	10.3	9.5	10.7	10.9	10.4	10.2	11.3	10.3
Starch	39.4	34.3	35.4	37.2	33.0	32.8	31.6	31.9	28.3	32.6
IVSD7-o	65.6	65.9	65.9	64.9	64.9	67.6	68.5	65.9	66.8	67.2
ESC (Sugar)	5.9	6.6	5.8	5.3	5.9	6.4	5.8	5.7	5.7	5.7
WSC (Sugar)	7.8	8.9	7.8	7.0	7.9	8.5	7.7	7.5	7.6	7.6
EE (Fat)	2.7	2.7	2.5	2.8	2.6	2.2	2.4	2.8	2.2	2.5
TFA	2.1	2.0	1.9	2.2	1.8	1.7	1.9	2.0	1.6	1.9
Ash	4.1	4.4	4.3	4.7	4.4	4.1	4.4	4.8	4.6	4.6
Adjusted CP	6.1	6.4	5.8	6.8	6.7	6.3	6.3	6.9	6.8	7.1
NFC	52.8	49.3	49.5	49.8	47.7	47.0	45.2	46.7	43.2	47.0
NDF kd rate Van Amburgh	4.6	4.2	4.3	4.1	4.5	4.2	4.2	4.2	4.4	4.3
NDF kd rate MIR	6.2	5.8	5.8	5.2	6.1	5.5	5.5	5.4	5.9	5.8
Starch kd rate MIR_P1T1	17.8	18.0	17.9	17.5	17.5	18.9	19.3	17.9	18.4	18.6
TDN OARDC	74.0	71.9	71.7	72.3	71.0	70.8	70.4	70.6	68.9	71.2
NEG OARDC	49.4	46.9	46.5	47.6	46.0	45.5	45.0	45.5	43.4	46.3
NEM OARDC	77.3	74.5	73.9	75.3	73.4	72.9	72.3	72.9	70.6	73.8
NEL OARDC	77.0	74.6	74.4	75.1	73.7	73.4	72.9	73.2	71.3	73.8
NEG Milk 2006	55.6	52.0	52.2	52.1	52.1	50.8	50.5	50.5	49.5	51.9
NEM Milk 2006	84.3	80.3	80.5	80.3	80.3	78.9	78.6	78.5	77.4	80.1
NEL Milk 2006 Processed	77.3	74.2	74.4	74.5	73.7	73.1	72.5	72.6	71.0	73.4
Milk/ton Corn Silage Milk 2006	3,695.0	3,581.5	3,589.0	3,522.5	3,559.0	3,500.0	3,473.5	3,460.0	3,380.0	3,539.0