



**2011 AOF Test Check Program
Monthly Report
Round 6
June 2011**

01/06/2011 – 30/06/2011

Result Receiving Dates

Lab Code	Date
A	7/06/2011
B	30/06/2011
C	12/07/2011
D	24/06/2011
E	08/06/2011
F	22/06/2011
G	30/06/2011
H	30/06/2011
I	17/06/2011
J	29/06/2011
K	30/06/2011
L	—
M	27/06/2011
N	17/06/2011
O	28/06/2011

Discussion of Results

Test Weight

Lab B was the only laboratory to produce a higher result than the True Outlier Q3 for Sample 3. Lab B result for sample 3 (68.00) is 0.16 higher than the True Outlier Q3 (67.84). No other outliers were found in Sample 1 and 2.

Impurities

Sample 1, Lab B and N both submitted results that were 0.11 and 0.01 higher than the True Outlier Q3 (2.68) respectively. Sample 2, Lab I is observed to have the same value as the True Outlier Q1 (1.40).

Oil Rapid

Result 40.30 is observed for sample 1, Lab A. This is 0.11 lower than the True Outlier Q1 (40.42). No outliers were found for sample 2 and 3.



2011 AOF Test Check Program
Monthly Report
Round 6
June 2011
01/06/2011 – 30/06/2011

Oil Solvent (ISO 659)

Outlier is observed for Sample 1, Lab N with results (42.25), which is 0.31 higher than the True Outlier Q3 (41.94). Lab G submitted results (40.75) for sample 1, and (35.36) for sample 3. Both results is observed to be 0.65 and 0.60 lower than the respective True Outlier Q1, for sample 1 (41.40) and sample 3 (35.96).

Oil Solvent Reference (AOCS Method Am 2-93)

Results for sample 1, Lab K are 39.81, this result is observed to be 1.09 lower than the True Outlier Q1 (40.90). No other outliers were found in Sample 2 and 3.

Moisture Oven

Sample 2 and 3 moisture oven results both had Lab D generating an outlier. In Sample 2, Lab D result (5.90) is 0.26 lower than the True Outlier Q1 (6.16). Sample 3, Lab D result (6.55), is observed to be 0.18 higher than the True Outlier Q3 of 6.37.

Moisture Rapid

Sample 2, Lab A results (6.30) is 0.16 lower than the True Outlier Q1(6.46). No outliers were observed for sample 1 and 3.

Oleic Oil

No outliers were observed for Oleic Oil analyses during this round.

Linoleic Oil

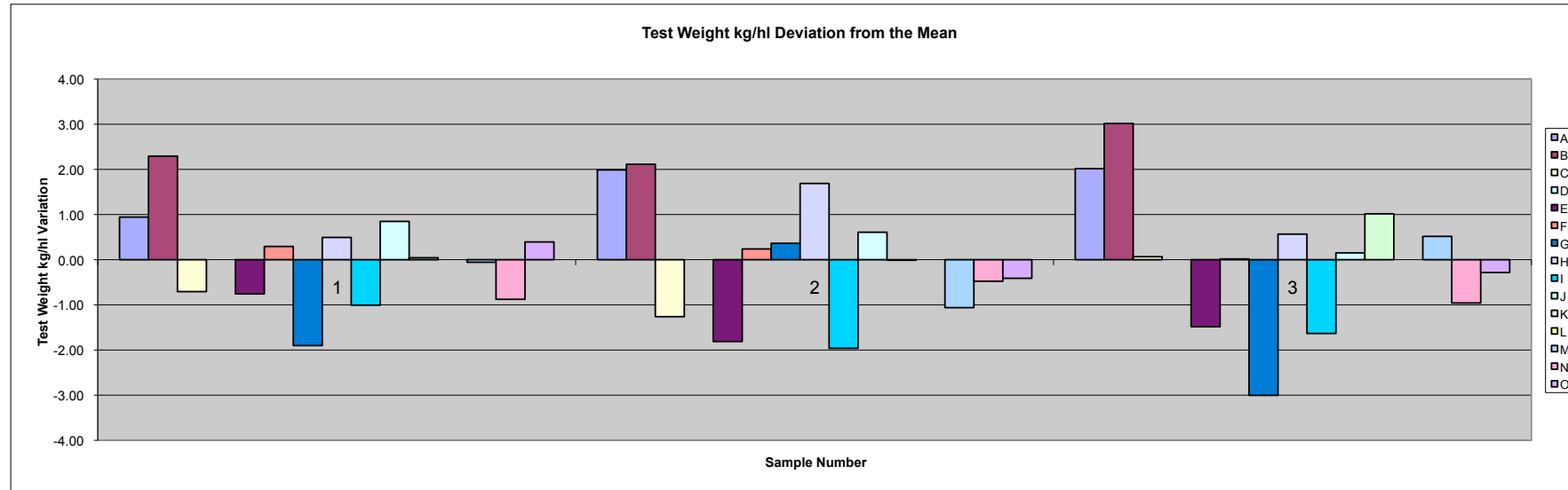
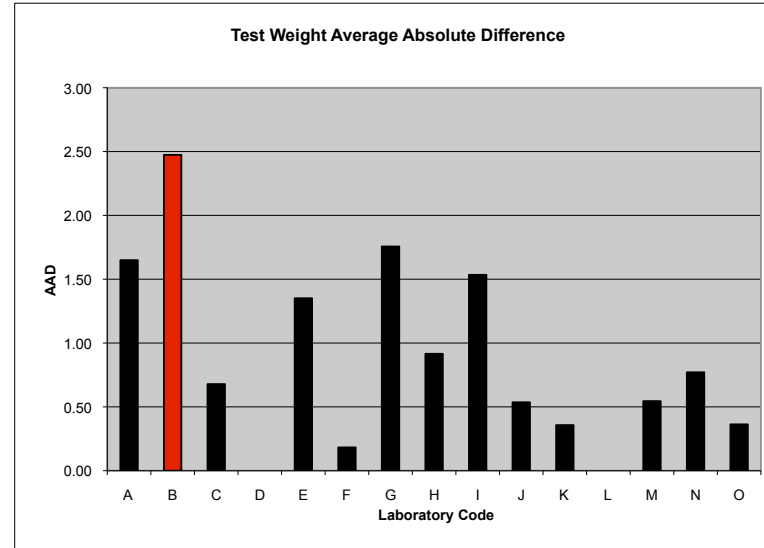
All 3 samples for this test produced outliers. Sample 1, Lab G result of 12.20 is 6.12 lower than the True Outlier Q1 of 18.32. Sample 2, Lab G result of 27.00 is 8.13 higher than the True Outlier Q3 of 18.87. For Sample 3, Lab C result of 18.93 is 0.5 lower than the True Outlier Q1 of 19.43.

Free Fatty Acid

A general trend of Lab E results being higher than the True Outlier Q3 was observed across all 3 samples for this round. Lab E, sample 1 result (0.83) is 0.09 higher than True Outlier Q3 (0.74). Lab E, sample 2 result (1.19) is 0.04 higher than the True Outlier Q3 (1.15). Significant difference is observed for Lab E, sample 3 (1.14). This result is 0.71 higher than the True Outlier 0.76.

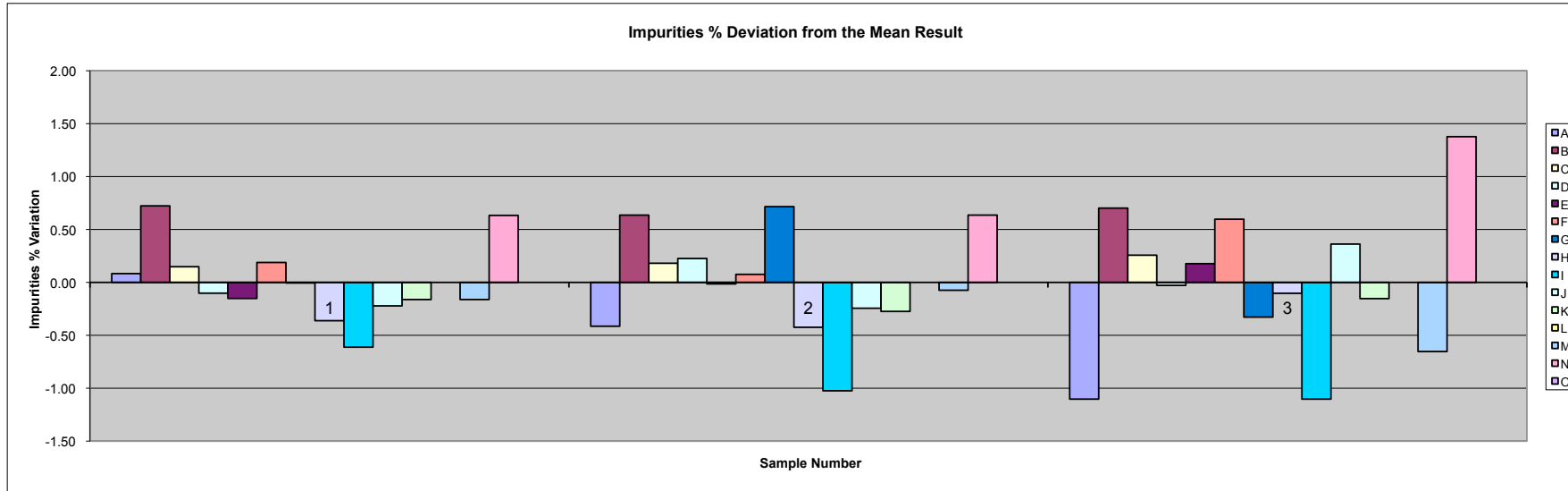
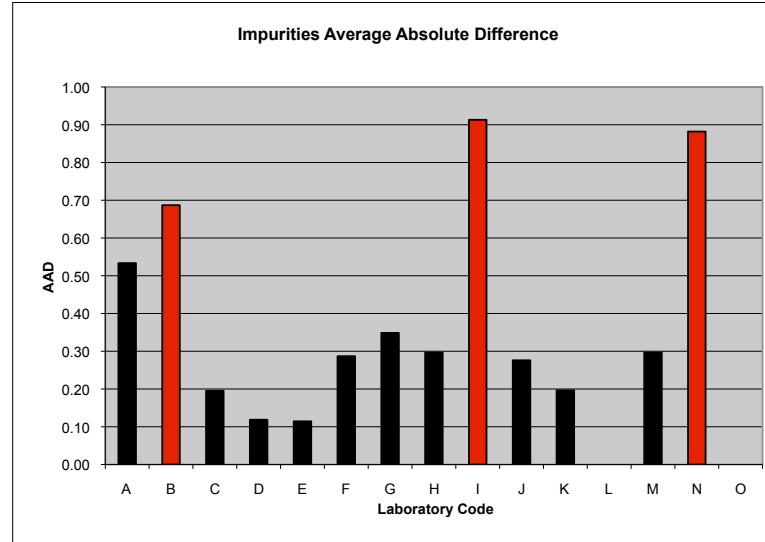
**2011 AOF Test Check Program
Round 6 Summary - June**

Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	67.90	0.94	66.50	1.99	67.00	2.02	1.65	1.65
B	69.25	2.29	66.63	2.11	68.00	3.02	2.47	2.47
C	66.25	-0.71	63.25	-1.26	65.05	0.07	-0.63	0.68
D								
E	66.20	-0.76	62.70	-1.81	63.50	-1.48	-1.35	1.35
F	67.25	0.29	64.75	0.24	65.00	0.02	0.18	0.18
G	65.06	-1.90	64.88	0.36	61.98	-3.00	-1.51	1.76
H	67.45	0.49	66.20	1.69	65.55	0.57	0.92	0.92
I	65.95	-1.01	62.55	-1.96	63.35	-1.63	-1.53	1.53
J	67.81	0.85	65.12	0.61	65.14	0.15	0.54	0.54
K	67.00	0.04	64.50	-0.01	66.00	1.02	0.35	0.36
L								
M	66.90	-0.06	63.45	-1.06	65.50	0.52	-0.20	0.55
N	66.08	-0.88	64.04	-0.48	64.03	-0.96	-0.77	0.77
O	67.35	0.39	64.10	-0.41	64.70	-0.28	-0.10	0.36
MEAN	66.96		64.51		64.98			1.01
STDEV	1.07		1.36		1.57			



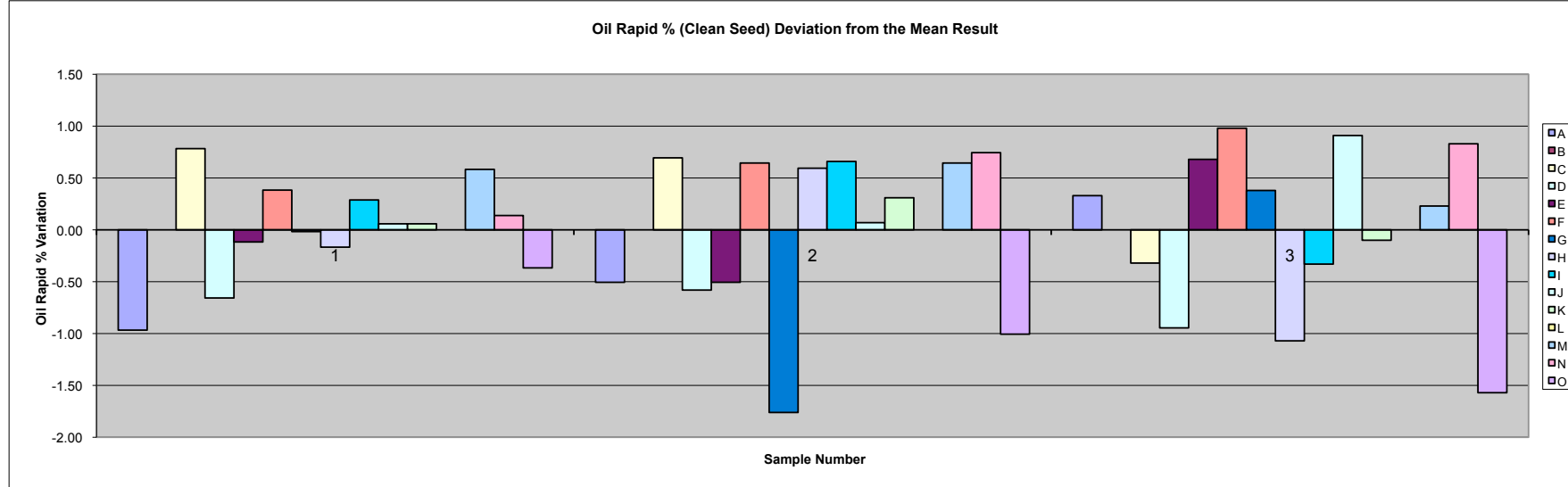
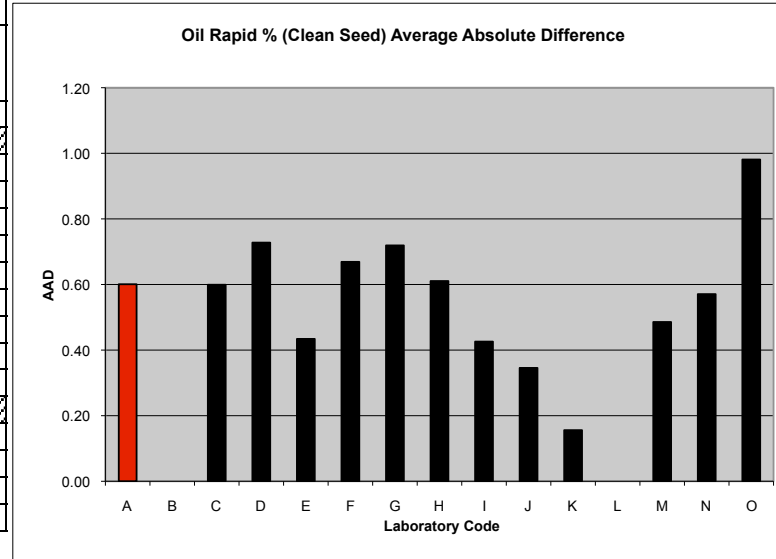
**2011 AOF Test Check Program
Round 6 Summary - June**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	2.15	0.08	2.01	-0.41	1.80	-1.10	-0.48	0.53
B	2.79	0.72	3.06	0.64	3.61	0.70	0.69	0.69
C	2.21	0.15	2.61	0.18	3.16	0.26	0.20	0.20
D	1.96	-0.10	2.65	0.23	2.88	-0.03	0.03	0.12
E	1.91	-0.15	2.41	-0.01	3.08	0.18	0.00	0.11
F	2.25	0.19	2.50	0.08	3.50	0.60	0.29	0.29
G	2.06	0.00	3.14	0.72	2.58	-0.33	0.13	0.35
H	1.70	-0.36	2.00	-0.42	2.80	-0.10	-0.30	0.30
I	1.45	-0.61	1.40	-1.02	1.80	-1.10	-0.91	0.91
J	1.84	-0.22	2.18	-0.24	3.27	0.36	-0.03	0.28
K	1.90	-0.16	2.15	-0.27	2.75	-0.15	-0.20	0.20
L								
M	1.90	-0.16	2.35	-0.07	2.25	-0.65	-0.30	0.30
N	2.70	0.63	3.06	0.64	4.28	1.38	0.88	0.88
O								
MEAN	2.06		2.42		2.90			0.40
STDEV	0.37		0.50		0.71			



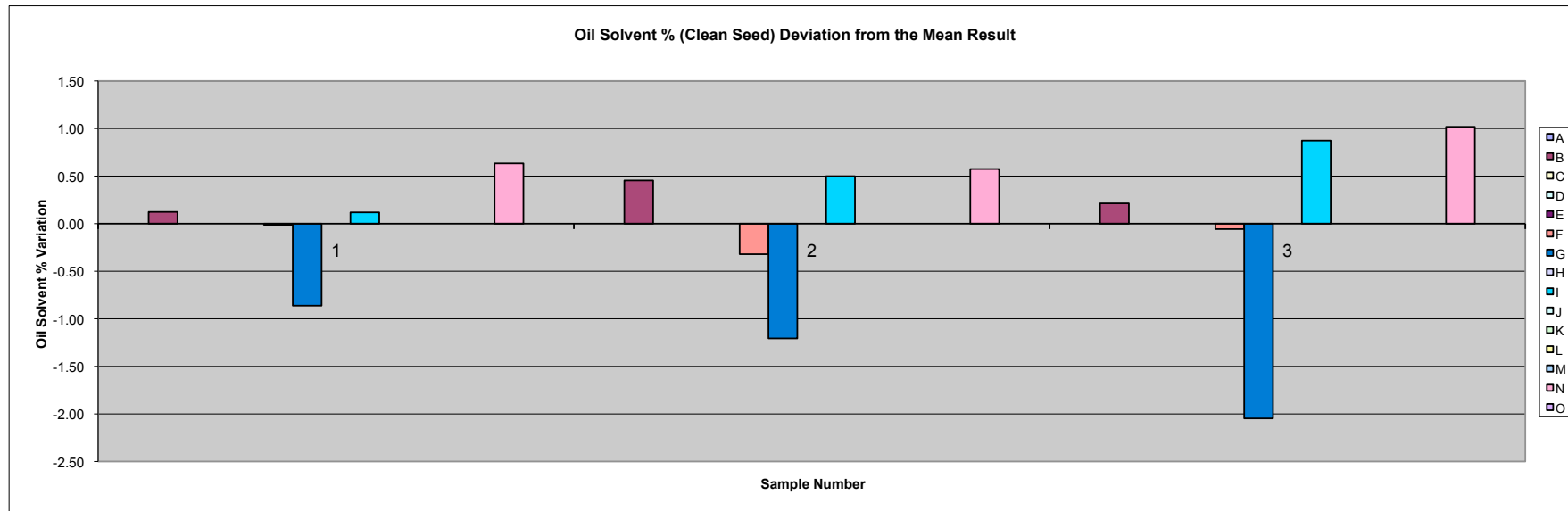
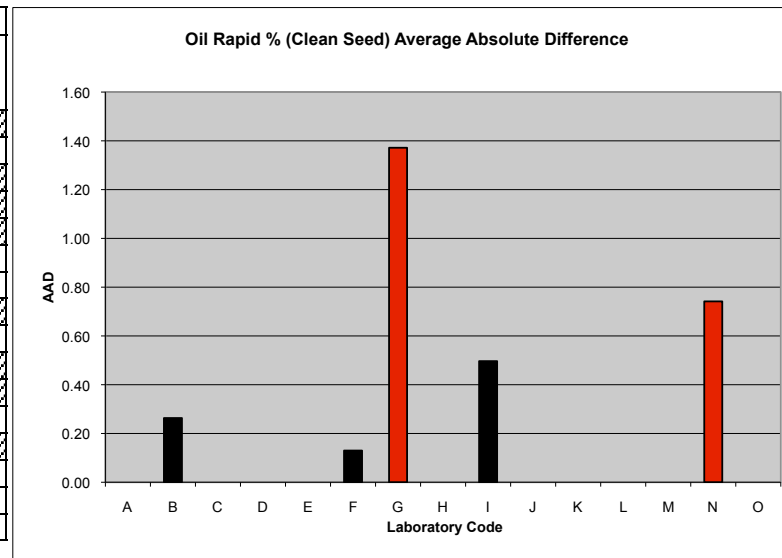
**2011 AOF Test Check Program
Round 6 Summary - June**

Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	40.30	-0.97	42.80	-0.51	38.25	0.33	-0.38	0.60
B								
C	42.05	0.78	44.00	0.69	37.60	-0.32	0.39	0.60
D	40.61	-0.66	42.73	-0.58	36.98	-0.95	-0.73	0.73
E	41.15	-0.12	42.80	-0.51	38.60	0.68	0.02	0.43
F	41.65	0.38	43.95	0.64	38.90	0.98	0.67	0.67
G	41.25	-0.02	41.55	-1.76	38.30	0.38	-0.47	0.72
H	41.10	-0.17	43.90	0.59	36.85	-1.07	-0.21	0.61
I	41.56	0.29	43.97	0.66	37.59	-0.33	0.21	0.43
J	41.33	0.06	43.38	0.07	38.83	0.91	0.35	0.35
K	41.33	0.06	43.62	0.31	37.82	-0.10	0.09	0.16
L								
M	41.85	0.58	43.95	0.64	38.15	0.23	0.49	0.49
N	41.41	0.14	44.05	0.74	38.75	0.83	0.57	0.57
O	40.90	-0.37	42.30	-1.01	36.35	-1.57	-0.98	0.98
MEAN	41.27		43.31		37.92			0.56
STDEV	0.48		0.80		0.81			



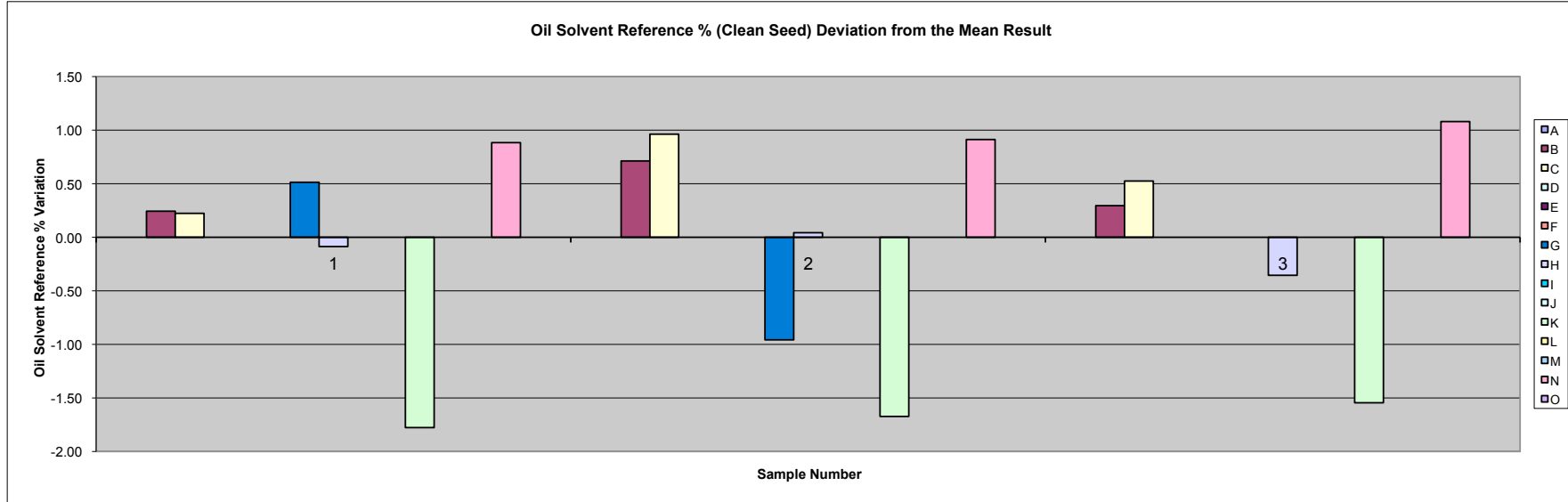
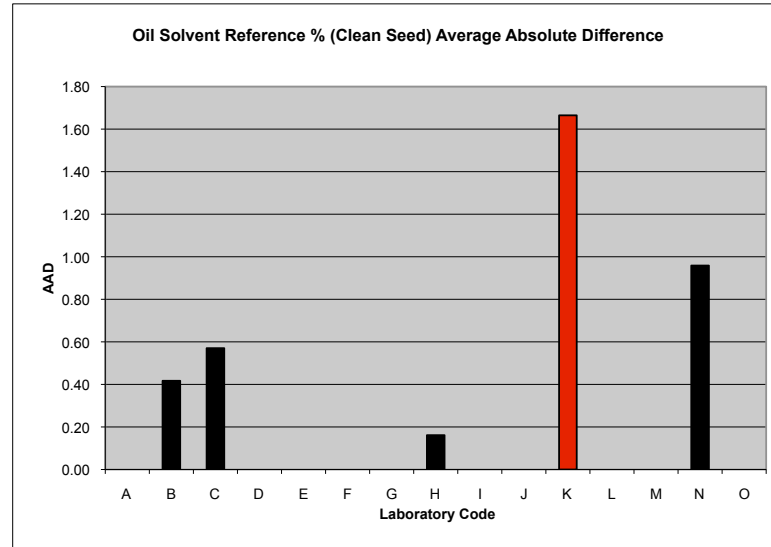
**2011 AOF Test Check Program
Round 6 Summary - June**

Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	41.74	0.12	43.58	0.45	37.62	0.21	0.26	0.26
C								
D								
E								
F	41.60	-0.01	42.80	-0.32	37.35	-0.06	-0.13	0.13
G	40.75	-0.86	41.92	-1.21	35.36	-2.05	-1.37	1.37
H								
I	41.73	0.12	43.62	0.50	38.28	0.87	0.50	0.50
J								
K								
L								
M								
N	42.25	0.63	43.70	0.57	38.43	1.02	0.74	0.74
O								
MEAN	41.61		43.12		37.41			0.60
STDEV	0.54		0.77		1.23			



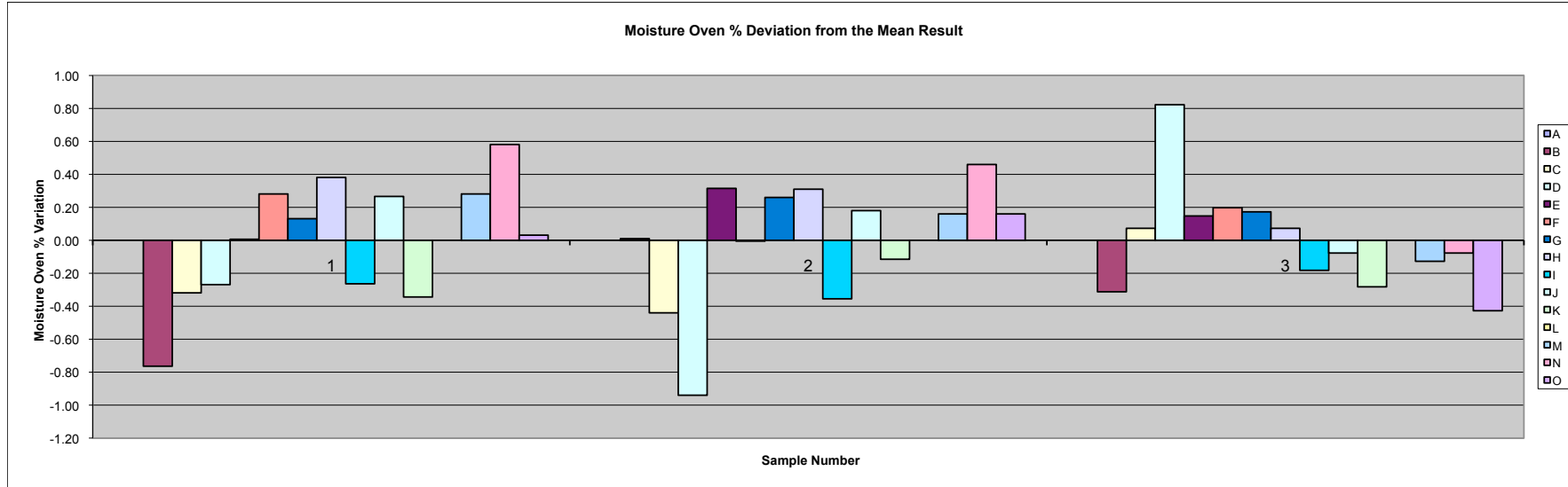
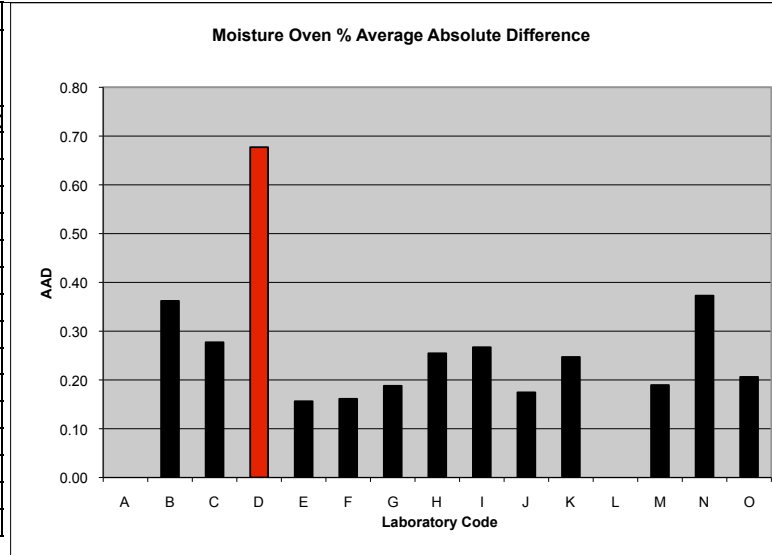
**2011 AOF Test Check Program
Round 6 Summary - June**

Oil Solvent Reference % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	41.83	0.24	43.57	0.71	37.85	0.30	0.42	0.42
C	41.81	0.22	43.82	0.96	38.08	0.52	0.57	0.57
D								
E								
F								
G	42.10	0.51	41.90	-0.96				
H	41.50	-0.09	42.90	0.04	37.20	-0.35	-0.13	0.16
I								
J								
K	39.81	-1.78	41.19	-1.67	36.01	-1.54	-1.66	1.66
L								
M								
N	42.47	0.88	43.77	0.91	38.64	1.08	0.96	0.96
O								
MEAN	41.59		42.86		37.56			0.75
STDEV	0.93		1.09		1.01			



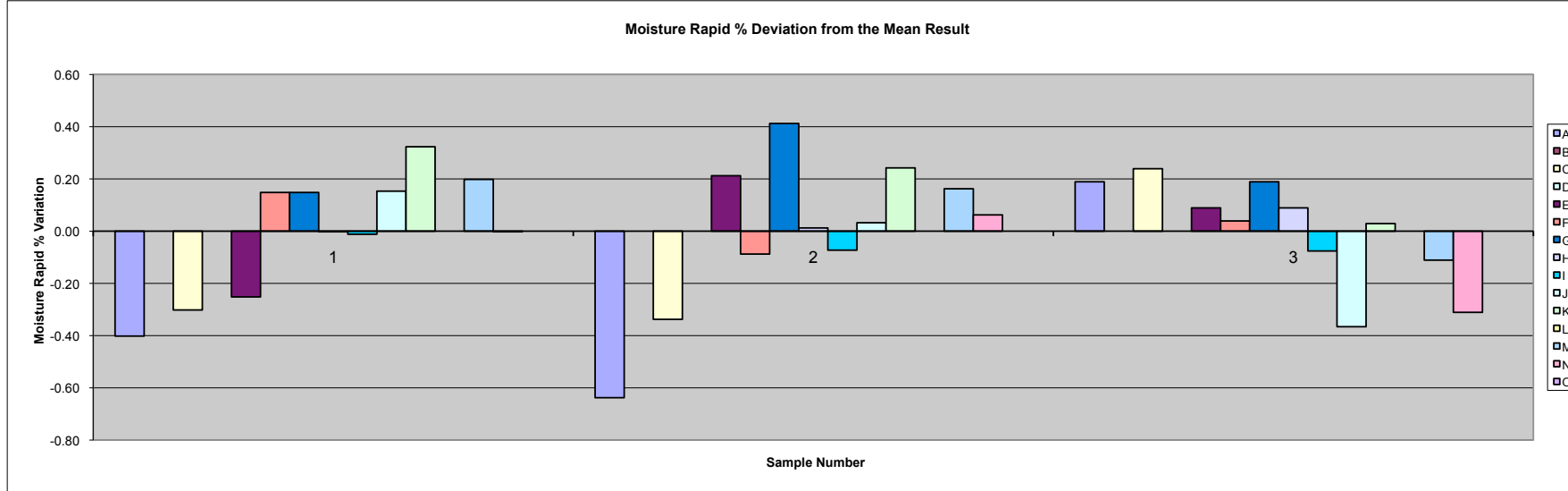
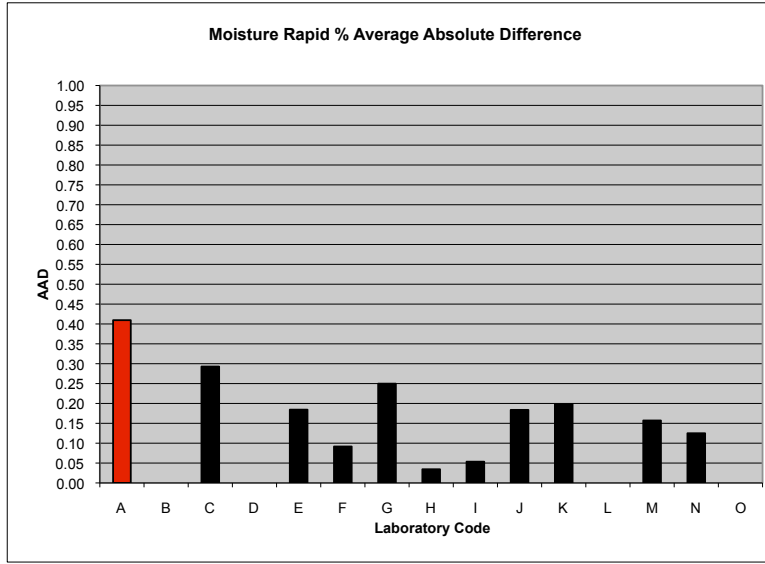
**2011 AOF Test Check Program
Round 6 Summary - June**

Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	6.36	-0.76	6.85	0.01	5.42	-0.31	-0.36	0.36
C	6.80	-0.32	6.40	-0.44	5.80	0.07	-0.23	0.28
D	6.85	-0.27	5.90	-0.94	6.55	0.82	-0.13	0.68
E	7.13	0.01	7.16	0.32	5.88	0.15	0.16	0.16
F	7.40	0.28	6.84	0.00	5.93	0.20	0.16	0.16
G	7.25	0.13	7.10	0.26	5.90	0.17	0.19	0.19
H	7.50	0.38	7.15	0.31	5.80	0.07	0.25	0.25
I	6.86	-0.26	6.49	-0.36	5.55	-0.18	-0.27	0.27
J	7.39	0.27	7.02	0.18	5.65	-0.08	0.12	0.17
K	6.78	-0.34	6.73	-0.11	5.45	-0.28	-0.25	0.25
L								
M	7.40	0.28	7.00	0.16	5.60	-0.13	0.10	0.19
N	7.70	0.58	7.30	0.46	5.65	-0.08	0.32	0.37
O	7.15	0.03	7.00	0.16	5.30	-0.43	-0.08	0.21
MEAN	7.12		6.84		5.73			0.27
STDEV	0.37		0.38		0.32			



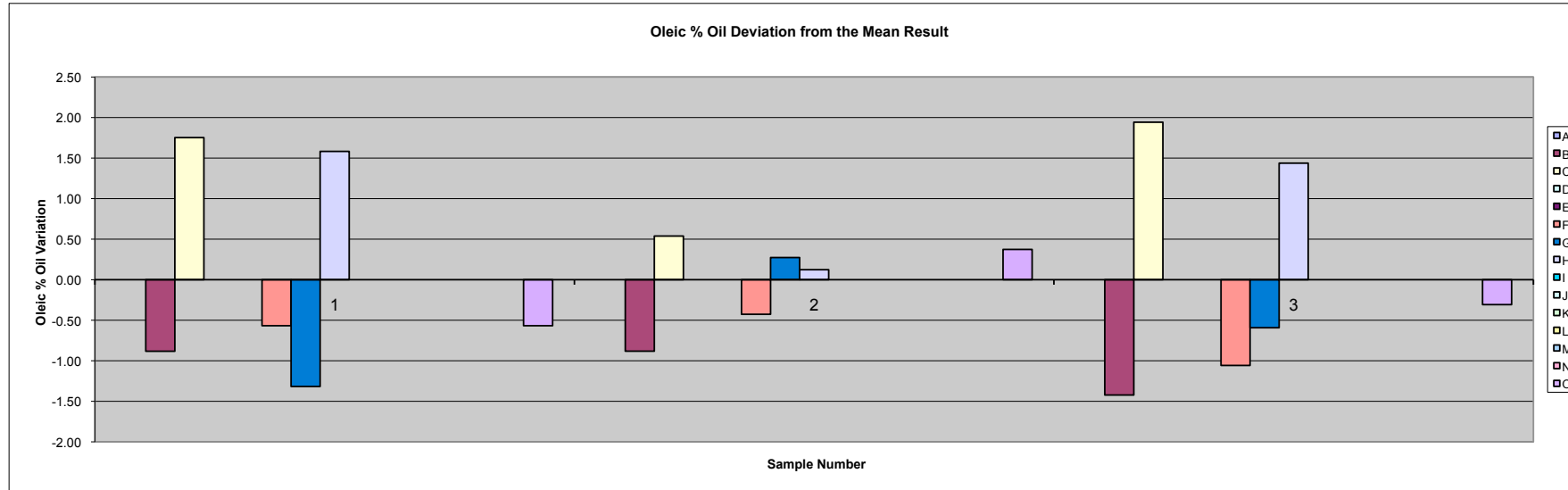
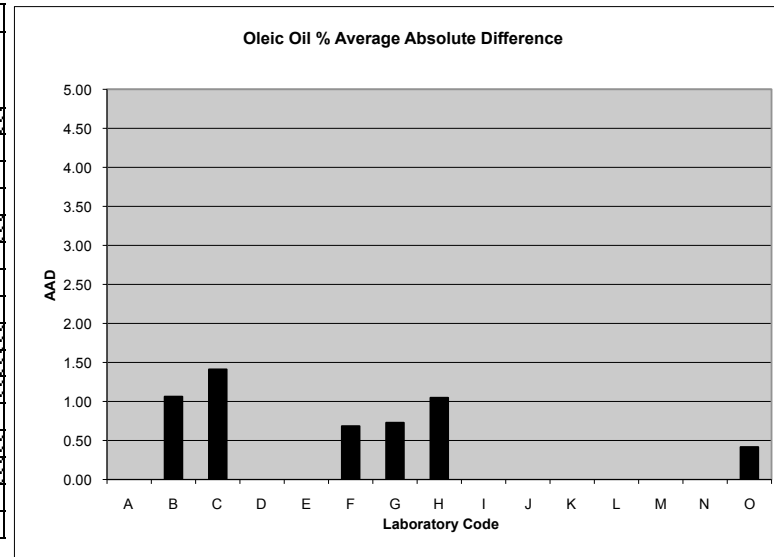
**2011 AOF Test Check Program
Round 6 Summary - June**

Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	6.95	-0.40	6.30	-0.64	5.90	0.19	-0.28	0.41
B								
C	7.05	-0.30	6.60	-0.34	5.95	0.24	-0.13	0.29
D								
E	7.10	-0.25	7.15	0.21	5.80	0.09	0.02	0.18
F	7.50	0.15	6.85	-0.09	5.75	0.04	0.03	0.09
G	7.50	0.15	7.35	0.41	5.90	0.19	0.25	0.25
H	7.35	0.00	6.95	0.01	5.80	0.09	0.03	0.03
I	7.34	-0.01	6.87	-0.07	5.64	-0.08	-0.05	0.05
J	7.51	0.15	6.97	0.03	5.35	-0.37	-0.06	0.18
K	7.68	0.32	7.18	0.24	5.74	0.03	0.20	0.20
L								
M	7.55	0.20	7.10	0.16	5.60	-0.11	0.08	0.16
N	7.35	0.00	7.00	0.06	5.40	-0.31	-0.08	0.13
O								
MEAN	7.35		6.94		5.71			0.18
STDEV	0.23		0.29		0.20			



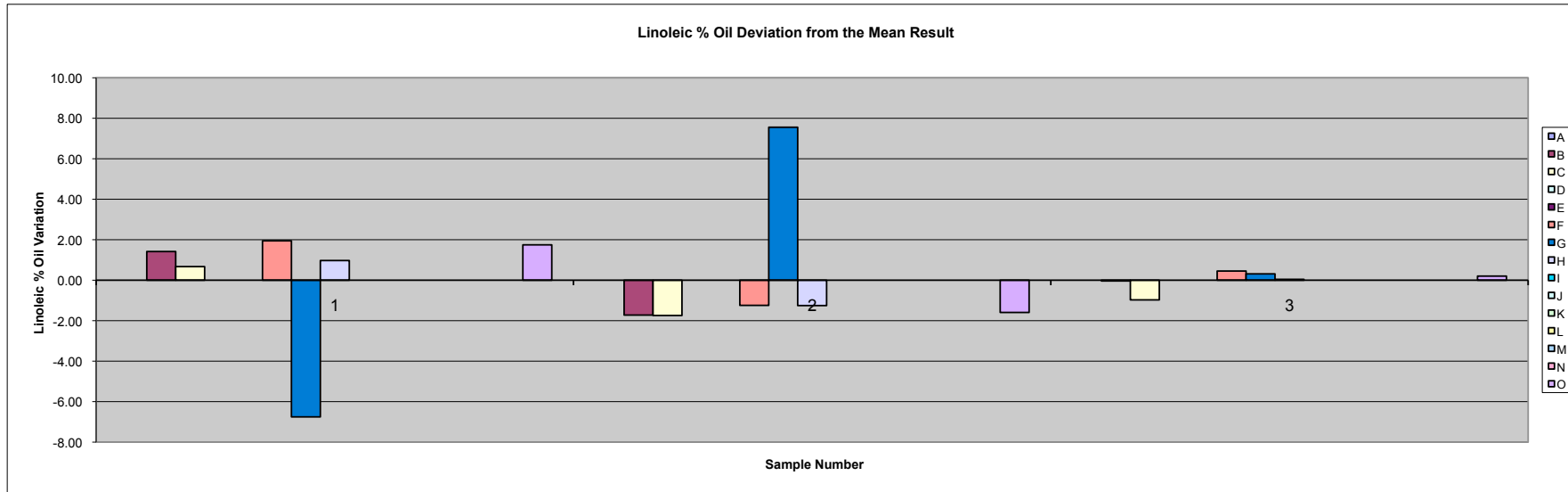
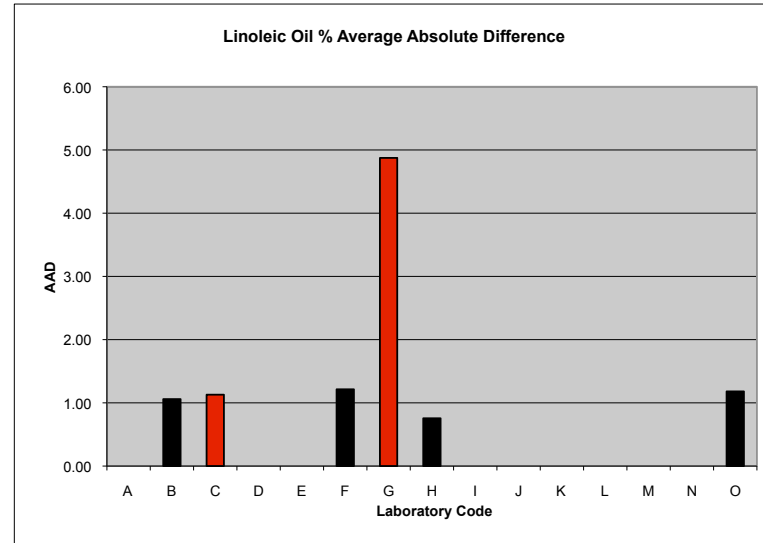
**2011 AOF Test Check Program
Round 6 Summary - June**

Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	59.04	-0.88	64.55	-0.88	60.99	-1.42	-1.06	1.06
C	61.67	1.75	65.97	0.54	64.35	1.94	1.41	1.41
D								
E								
F	59.35	-0.57	65.00	-0.43	61.35	-1.06	-0.68	0.68
G	58.60	-1.32	65.70	0.27	61.82	-0.59	-0.55	0.73
H	61.50	1.58	65.55	0.12	63.85	1.44	1.05	1.05
I								
J								
K								
L								
M								
N								
O	59.35	-0.57	65.80	0.37	62.10	-0.31	-0.17	0.42
MEAN	59.92		65.43		62.41			0.89
STDEV	1.32		0.54		1.37			



**2011 AOF Test Check Program
Round 6 Summary - June**

Linoleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	20.37	1.42	17.72	-1.72	19.86	-0.04	-0.11	1.06
C	19.63	0.67	17.70	-1.74	18.93	-0.97	-0.68	1.13
D								
E								
F	20.90	1.95	18.20	-1.24	20.35	0.45	0.39	1.21
G	12.20	-6.75	27.00	-7.56	20.21	0.31	0.37	4.87
H	19.93	0.97	18.19	-1.25	19.94	0.04	-0.08	0.76
I								
J								
K								
L								
M								
N								
O	20.70	1.75	17.85	-1.59	20.10	0.20	0.12	1.18
MEAN	18.95		19.44		19.90			1.70
STDEV	3.34		3.71		0.51			



**2011 AOF Test Check Program
Round 6 Summary - June**

Free Fatty Acid % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	0.19	-0.18	0.34	-0.20	0.33	-0.21	-0.20	0.20
C	0.33	-0.04	0.44	-0.10	0.38	-0.16	-0.10	0.10
D	0.32	-0.05	0.34	-0.20	0.43	-0.11	-0.12	0.12
E	0.83	0.46	1.19	0.65	1.47	0.94	0.68	0.68
F	0.47	0.10	0.66	0.12	0.47	-0.07	0.05	0.10
G	0.40	0.03	0.68	0.14	0.60	0.07	0.08	0.08
H	0.20	-0.17	0.28	-0.26	0.29	-0.24	-0.22	0.22
I								
J								
K	0.20	-0.17	0.39	-0.15	0.32	-0.21	-0.18	0.18
L								
M								
N								
O								
MEAN	0.37		0.54		0.53			0.21
STDEV	0.21		0.30		0.39			

