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The SAS System

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The ANOVA Procedure

Class Level Information

Class	Levels	Values
Block	4	1 2 3 4
Fertilizer	10	T1 T10 T2 T3 T4 T5 T6 T7 T8 T9

Number of Observations Read 40
 Number of Observations Used 40

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The ANOVA Procedure

Dependent Variable: CPmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	21.97631000	1.83135917	36.09	<.0001
Error	27	1.37008750	0.05074398		
Corrected Total	39	23.34639750			

R-Square 0.941315
 Coeff Var 1.643935
 Root MSE 0.225264
 CPmix Mean 13.70275

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.38048750	0.12682917	2.50	0.0808
Fertilizer	9	21.59582250	2.39953583	47.29	<.0001

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The ANOVA Procedure

Dependent Variable: NDFmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	603.9599600	50.3299967	39.28	<.0001
Error	27	34.5979175	1.2814044		
Corrected Total	39	638.5578775			

R-Square 0.945819
 Coeff Var 2.045549
 Root MSE 1.131991
 NDFmix Mean 55.33925

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	4.8068075	1.6022692	1.25	0.3111
Fertilizer	9	599.1531525	66.5725725	51.95	<.0001

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The ANOVA Procedure

Dependent Variable: ADFmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	710.0899300	59.1741608	36.78	<.0001
Error	27	43.4400675	1.6088914		
Corrected Total	39	753.5299975			

R-Square	Coeff Var	Root MSE	ADFMix Mean
0.942351	3.829166	1.268421	33.12525

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	2.9483075	0.9827692	0.61	0.6138
Fertilizer	9	707.1416225	78.5712914	48.84	<.0001

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The ANOVA Procedure

Dependent Variable: DMDmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	16.46230000	1.37185833	1.83	0.0943
Error	27	20.27326000	0.75086148		
Corrected Total	39	36.73556000			

R-Square	Coeff Var	Root MSE	DMDmix Mean
0.448130	1.302767	0.866523	66.51400

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	8.97054000	2.99018000	3.98	0.0180
Fertilizer	9	7.49176000	0.83241778	1.11	0.3899

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The ANOVA Procedure

Dependent Variable: WSCmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	8.72097000	0.72674750	0.64	0.7930
Error	27	30.83292750	1.14196028		
Corrected Total	39	39.55389750			

R-Square Coeff Var Root MSE WSCmix Mean
 0.220483 4.783516 1.068625 22.33975

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	6.65114750	2.21704917	1.94	0.1467
Fertilizer	9	2.06982250	0.22998028	0.20	0.9919

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The ANOVA Procedure

Dependent Variable: ADLmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	1.20007000	0.10000583	1.77	0.1070
Error	27	1.52872750	0.05661954		
Corrected Total	39	2.72879750			

R-Square Coeff Var Root MSE ADLmix Mean
 0.439780 6.391743 0.237949 3.722750

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	1.09284750	0.36428250	6.43	0.0020
Fertilizer	9	0.10722250	0.01191361	0.21	0.9905

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The ANOVA Procedure

Dependent Variable: ProteinYmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	9552636.280	796053.023	350.02	<.0001
Error	27	61405.658	2274.284		
Corrected Total	39	9614041.938			

R-Square Coeff Var Root MSE ProteinYmix Mean
 0.993613 3.567028 47.68945 1336.952

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	29033.636	9677.879	4.26	0.0139
Fertilizer	9	9523602.644	1058178.072	465.28	<.0001

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The ANOVA Procedure

Dependent Variable: CPsilo

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	21.79692000	1.81641000	37.25	<.0001
Error	27	1.31672000	0.04876741		
Corrected Total	39	23.11364000			

R-Square Coeff Var Root MSE CPsilo Mean
0.943033 1.750840 0.220833 12.61300

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.44838000	0.14946000	3.06	0.0449
Fertilizer	9	21.34854000	2.37206000	48.64	<.0001

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The ANOVA Procedure

Dependent Variable: NDFsilo

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	638.7544200	53.2295350	31.76	<.0001
Error	27	45.2549800	1.6761104		
Corrected Total	39	684.0094000			

R-Square Coeff Var Root MSE NDFsilo Mean
0.933839 2.606759 1.294647 49.66500

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	3.0724200	1.0241400	0.61	0.6137
Fertilizer	9	635.6820000	70.6313333	42.14	<.0001

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The ANOVA Procedure

Dependent Variable: ADFsilo

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	697.0128900	58.0844075	36.52	<.0001
Error	27	42.9425075	1.5904632		
Corrected Total	39	739.9553975			

R-Square Coeff Var Root MSE ADFsilo Mean
0.941966 4.627554 1.261136 27.25275

Source	DF	Anova SS	Mean Square	F Value	Pr > F
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Block	3	2.7001675	0.9000558	0.57	0.6422
Fertilizer	9	694.3127225	77.1458581	48.51	<.0001

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The ANOVA Procedure

Dependent Variable: DMDsilo

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	3.17087000	0.26423917	0.42	0.9399
Error	27	16.82064000	0.62298667		
Corrected Total	39	19.99151000			

R-Square	Coeff Var	Root MSE	DMDsilo Mean
0.158611	1.349880	0.789295	58.47150

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.08261000	0.02753667	0.04	0.9874
Fertilizer	9	3.08826000	0.34314000	0.55	0.8242

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The ANOVA Procedure

Dependent Variable: WSCsilo

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	2.60545000	0.21712083	0.29	0.9866
Error	27	20.44274000	0.75713852		
Corrected Total	39	23.04819000			

R-Square	Coeff Var	Root MSE	WSCsilo Mean
0.113044	4.946631	0.870137	17.59050

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	1.26771000	0.42257000	0.56	0.6472
Fertilizer	9	1.33774000	0.14863778	0.20	0.9926

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The ANOVA Procedure

Dependent Variable: ADLsilo

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.39866000	0.03322167	0.82	0.6319
Error	27	1.09763750	0.04065324		

Corrected Total	39	1.49629750			
	R-Square	Coeff Var	Root MSE	ADLsilo Mean	
	0.266431	5.844670	0.201626	3.449750	

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.14988750	0.04996250	1.23	0.3184
Fertilizer	9	0.24877250	0.02764139	0.68	0.7201

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The ANOVA Procedure

Dependent Variable: CGRc

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	523.0032000	43.5836000	91.43	<.0001
Error	27	12.8705100	0.4766856		
Corrected Total	39	535.8737100			

	R-Square	Coeff Var	Root MSE	CGRc Mean
	0.975982	2.735057	0.690424	25.24350

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.3332900	0.1110967	0.23	0.8725
Fertilizer	9	522.6699100	58.0744344	121.83	<.0001

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The ANOVA Procedure

Dependent Variable: CGRSs

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	27.11303000	2.25941917	29.23	<.0001
Error	27	2.08676750	0.07728769		
Corrected Total	39	29.19979750			

	R-Square	Coeff Var	Root MSE	CGRSs Mean
	0.928535	3.281185	0.278007	8.472750

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	1.66020750	0.55340250	7.16	0.0011
Fertilizer	9	25.45282250	2.82809139	36.59	<.0001

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The ANOVA Procedure

Dependent Variable: LAIc

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	1.93558000	0.16129833	150.19	<.0001
Error	27	0.02899750	0.00107398		
Corrected Total	39	1.96457750			

R-Square	Coeff Var	Root MSE	LAIc Mean
0.985240	1.428426	0.032772	2.294250

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.00462750	0.00154250	1.44	0.2540
Fertilizer	9	1.93095250	0.21455028	199.77	<.0001

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The ANOVA Procedure

Dependent Variable: LAIs

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	1.86833000	0.15569417	110.43	<.0001
Error	27	0.03806750	0.00140991		
Corrected Total	39	1.90639750			

R-Square	Coeff Var	Root MSE	LAIc Mean
0.980032	1.270577	0.037549	2.955250

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.00930750	0.00310250	2.20	0.1111
Fertilizer	9	1.85902250	0.20655806	146.50	<.0001

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The ANOVA Procedure

Dependent Variable: PHc

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	21508.50000	1792.37500	310.42	<.0001
Error	27	155.90000	5.77407		
Corrected Total	39	21664.40000			

R-Square	Coeff Var	Root MSE	PHc Mean
0.992804	1.391390	2.402930	172.7000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	20.60000	6.86667	1.19	0.3324
Fertilizer	9	21487.90000	2387.54444	413.49	<.0001

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The ANOVA Procedure

Dependent Variable: PHs

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	10867.80000	905.65000	395.67	<.0001
Error	27	61.80000	2.28889		
Corrected Total	39	10929.60000			

R-Square	Coeff Var	Root MSE	PHs Mean
0.994346	1.628533	1.512907	92.90000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	2.20000	0.73333	0.32	0.8105
Fertilizer	9	10865.60000	1207.28889	527.46	<.0001

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The ANOVA Procedure

Dependent Variable: FYc

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	1805.042950	150.420246	532.62	<.0001
Error	27	7.625247	0.282417		
Corrected Total	39	1812.668197			

R-Square	Coeff Var	Root MSE	FYc Mean
0.995793	2.188323	0.531429	24.28475

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.324128	0.108043	0.38	0.7664
Fertilizer	9	1804.718822	200.524314	710.03	<.0001

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The ANOVA Procedure

Dependent Variable: FYs

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
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Model	12	1218.351910	101.529326	701.48	<.0001
Error	27	3.907890	0.144737		
Corrected Total	39	1222.259800			

R-Square	Coeff Var	Root MSE	FYs Mean
0.996803	2.314128	0.380443	16.44000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	1.091960	0.363987	2.51	0.0795
Fertilizer	9	1217.259950	135.251106	934.46	<.0001

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The ANOVA Procedure

Dependent Variable: FYmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	5941.814380	495.151198	1414.34	<.0001
Error	27	9.452530	0.350094		
Corrected Total	39	5951.266910			

R-Square	Coeff Var	Root MSE	FYmix Mean
0.998412	1.452938	0.591687	40.72350

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	2.583870	0.861290	2.46	0.0843
Fertilizer	9	5939.230510	659.914501	1884.97	<.0001

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The ANOVA Procedure

Dependent Variable: DMc

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	110.9084300	9.2423692	168.21	<.0001
Error	27	1.4835475	0.0549462		
Corrected Total	39	112.3919775			

R-Square	Coeff Var	Root MSE	DMc Mean
0.986800	4.391066	0.234406	5.338250

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.1495275	0.0498425	0.91	0.4506
Fertilizer	9	110.7589025	12.3065447	223.97	<.0001

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The ANOVA Procedure

Dependent Variable: DMs

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	81.73032000	6.81086000	191.24	<.0001
Error	27	0.96159000	0.03561444		
Corrected Total	39	82.69191000			

R-Square	Coeff Var	Root MSE	DMs Mean
0.988371	4.416003	0.188718	4.273500

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.30881000	0.10293667	2.89	0.0537
Fertilizer	9	81.42151000	9.04683444	254.02	<.0001

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The ANOVA Procedure

Dependent Variable: DMmix

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	382.0224800	31.8352067	318.91	<.0001
Error	27	2.6952800	0.0998252		
Corrected Total	39	384.7177600			

R-Square	Coeff Var	Root MSE	DMmix Mean
0.992994	3.287392	0.315951	9.611000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.8637200	0.2879067	2.88	0.0541
Fertilizer	9	381.1587600	42.3509733	424.25	<.0001

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The ANOVA Procedure

Dependent Variable: PH

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.00690000	0.00057500	0.47	0.9169
Error	27	0.03326000	0.00123185		
Corrected Total	39	0.04016000			

R-Square Coeff Var Root MSE PH Mean
 0.171813 0.872210 0.035098 4.024000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.00614000	0.00204667	1.66	0.1988
Fertilizer	9	0.00076000	0.00008444	0.07	0.9999

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The ANOVA Procedure

Dependent Variable: DM

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	3.00037000	0.25003083	1.28	0.2857
Error	27	5.27650750	0.19542620		
Corrected Total	39	8.27687750			

R-Square Coeff Var Root MSE DM Mean
 0.362500 1.361023 0.442070 32.48075

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	1.64186750	0.54728917	2.80	0.0590
Fertilizer	9	1.35850250	0.15094472	0.77	0.6425

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The ANOVA Procedure

Dependent Variable: Lactic

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.12503000	0.01041917	2.53	0.0222
Error	27	0.11133000	0.00412333		
Corrected Total	39	0.23636000			

R-Square Coeff Var Root MSE Lactic Mean
 0.528981 1.621955 0.064213 3.959000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.01202000	0.00400667	0.97	0.4205
Fertilizer	9	0.11301000	0.01255667	3.05	0.0120

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The ANOVA Procedure

Dependent Variable: Acetic

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.00392000	0.00032667	0.28	0.9877
Error	27	0.03135750	0.00116139		
Corrected Total	39	0.03527750			

R-Square Coeff Var Root MSE Acetic Mean
0.111119 2.094923 0.034079 1.626750

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.00276750	0.00092250	0.79	0.5078
Fertilizer	9	0.00115250	0.00012806	0.11	0.9992

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The ANOVA Procedure

Dependent Variable: Propionic

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.00410000	0.00034167	0.51	0.8907
Error	27	0.01813750	0.00067176		
Corrected Total	39	0.02223750			

R-Square Coeff Var Root MSE Propionic Mean
0.184373 17.13608 0.025918 0.151250

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.00168750	0.00056250	0.84	0.4852
Fertilizer	9	0.00241250	0.00026806	0.40	0.9246

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Dependent Variable: Butyric

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.00085000	0.00007083	0.67	0.7627
Error	27	0.00284750	0.00010546		
Corrected Total	39	0.00369750			

R-Square Coeff Var Root MSE Butyric Mean
0.229885 34.51938 0.010270 0.029750

Source	DF	Anova SS	Mean Square	F Value	Pr > F
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Block	3	0.00052750	0.00017583	1.67	0.1975
Fertilizer	9	0.00032250	0.00003583	0.34	0.9532

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The ANOVA Procedure

Dependent Variable: Total

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.13486000	0.01123833	2.26	0.0387
Error	27	0.13447750	0.00498065		
Corrected Total	39	0.26933750			

R-Square	Coeff Var	Root MSE	Total Mean
0.500710	1.223910	0.070574	5.766250

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.01084750	0.00361583	0.73	0.5454
Fertilizer	9	0.12401250	0.01377917	2.77	0.0196

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Dependent Variable: AmmoniaN

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	0.62231000	0.05185917	2.96	0.0094
Error	27	0.47338750	0.01753287		
Corrected Total	39	1.09569750			

R-Square	Coeff Var	Root MSE	AmmoniaN Mean
0.567958	6.888373	0.132412	1.922250

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Block	3	0.08498750	0.02832917	1.62	0.2089
Fertilizer	9	0.53732250	0.05970250	3.41	0.0065

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The ANOVA Procedure

t Tests (LSD) for CPmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.050744
Critical Value of t	2.05183
Least Significant Difference	0.3268

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	14.5550	4	T5
A			
A	14.5500	4	T7
A			
A	14.5025	4	T1
A			
A	14.4775	4	T2
B			
B	13.3825	4	T4
B			
B	13.3450	4	T6
B			
B	13.3325	4	T9
B			
B	13.3200	4	T3
B			
B	13.2825	4	T8
C			
C	12.2800	4	T10

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The ANOVA Procedure

t Tests (LSD) for NDFmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	1.281404
Critical Value of t	2.05183
Least Significant Difference	1.6424

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	58.5225	4	T6
A			
A	58.1300	4	T3
A			
A	58.0000	4	T4
A			
A	57.9300	4	T10
A			
A	57.7300	4	T9
A			

A	57.3900	4	T8
A			
A	57.3400	4	T1
B	49.6725	4	T5
B			
B	49.4550	4	T7
B			
B	49.2225	4	T2

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t Tests (LSD) for ADFmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	1.608891
Critical Value of t	2.05183
Least Significant Difference	1.8403

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	36.4800	4	T10
A			
A	36.1725	4	T4
A			
A	36.1225	4	T6
A			
A	36.0925	4	T3
A			
A	35.6800	4	T1
A			
A	35.2975	4	T9
A			
A	35.2250	4	T8
B	26.7900	4	T7
B			
B	26.7375	4	T5
B			
B	26.6550	4	T2

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The ANOVA Procedure

t Tests (LSD) for DMDmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.750861
Critical Value of t	2.05183
Least Significant Difference	1.2572

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	66.9800	4	T4
A			
A	66.9500	4	T8
A			
A	66.9150	4	T9
A			
A	66.8175	4	T7
A			
A	66.7275	4	T5
A			
A	66.5250	4	T3
A			
A	66.3575	4	T10
A			
A	66.3125	4	T1
A			
A	65.8700	4	T6
A			
A	65.6850	4	T2

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The ANOVA Procedure

t Tests (LSD) for WSCmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	1.14196
Critical Value of t	2.05183
Least Significant Difference	1.5504

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	22.7275	4	T7
A			
A	22.6975	4	T9
A			
A	22.4675	4	T6
A			
A	22.4275	4	T8
A			
A	22.3625	4	T3
A			
A	22.2125	4	T10
A			
A	22.1675	4	T4
A			
A	22.1625	4	T2
A			
A	22.1525	4	T5
A			
A	22.0200	4	T1

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The ANOVA Procedure

t Tests (LSD) for ADLmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.05662
Critical Value of t	2.05183
Least Significant Difference	0.3452

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	3.7950	4	T8
A			
A	3.7725	4	T6
A			
A	3.7600	4	T10
A			
A	3.7475	4	T4
A			
A	3.7425	4	T3
A			
A	3.7400	4	T9
A			
A	3.7000	4	T7
A			
A	3.6875	4	T2
A			
A	3.6675	4	T1
A			
A	3.6150	4	T5

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The ANOVA Procedure

t Tests (LSD) for ProteinYmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	2274.284
Critical Value of t	2.05183
Least Significant Difference	69.191

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	2009.98	4	T1
A			
A	2005.75	4	T7
A			
A	1991.95	4	T5
B	1408.95	4	T2
C	1307.87	4	T6
C			
C	1288.39	4	T9
D	923.74	4	T4

D			
D	896.03	4	T8
D			
D	894.25	4	T3
D			
E	642.62	4	T10

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The ANOVA Procedure

t Tests (LSD) for CPsilo

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.048767
Critical Value of t	2.05183
Least Significant Difference	0.3204

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	13.4650	4	T5
A			
A	13.4325	4	T1
A			
A	13.4050	4	T7
A			
A	13.3850	4	T2
B	12.3525	4	T4
B			
B	12.2450	4	T6
B			
B	12.2325	4	T9
B			
B	12.2200	4	T3
B			
B	12.2125	4	T8
C	11.1800	4	T10

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The ANOVA Procedure

t Tests (LSD) for NDFsilo

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	1.67611
Critical Value of t	2.05183
Least Significant Difference	1.8784

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
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A	52.8100	4	T6
A			
A	52.3075	4	T8
A			
A	52.2800	4	T3
A			
A	52.2275	4	T9
A			
A	52.1500	4	T4
A			
A	52.0900	4	T1
A			
A	52.0300	4	T10
B			
B	43.7950	4	T5
B			
B	43.5975	4	T7
B			
B	43.3625	4	T2

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The ANOVA Procedure

t Tests (LSD) for ADFsilo

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	1.590463
Critical Value of t	2.05183
Least Significant Difference	1.8297

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	30.5350	4	T10
A			
A	30.3275	4	T4
A			
A	30.2025	4	T3
A			
A	30.1700	4	T6
A			
A	29.7600	4	T1
A			
A	29.4425	4	T9
A			
A	29.3550	4	T8
B			
B	20.9625	4	T5
B			
B	20.9450	4	T7
B			
B	20.8275	4	T2

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The ANOVA Procedure

t Tests (LSD) for DMDsilo

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha		0.05
Error Degrees of Freedom		27
Error Mean Square	0.622987	
Critical Value of t	2.05183	
Least Significant Difference	1.1452	

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	58.9200	4	T9
A			
A	58.7425	4	T3
A			
A	58.7125	4	T5
A			
A	58.5925	4	T7
A			
A	58.5800	4	T10
A			
A	58.4525	4	T2
A			
A	58.3950	4	T8
A			
A	58.1750	4	T4
A			
A	58.0875	4	T6
A			
A	58.0575	4	T1

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The ANOVA Procedure

t Tests (LSD) for WSCsilo

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha		0.05
Error Degrees of Freedom		27
Error Mean Square	0.757139	
Critical Value of t	2.05183	
Least Significant Difference	1.2624	

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	17.8150	4	T3
A			
A	17.8150	4	T8
A			
A	17.7625	4	T1
A			
A	17.7525	4	T7
A			
A	17.6225	4	T9
A			
A	17.6075	4	T4
A			
A	17.4250	4	T10
A			
A	17.3850	4	T5
A			

A	17.3775	4	T2
A			
A	17.3425	4	T6

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The ANOVA Procedure

t Tests (LSD) for ADLsilo

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.040653
Critical Value of t	2.05183
Least Significant Difference	0.2925

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	3.5400	4	T8
A			
A	3.5400	4	T6
A			
A	3.5325	4	T7
A			
A	3.5250	4	T10
A			
A	3.4500	4	T9
A			
A	3.4375	4	T3
A			
A	3.4250	4	T4
A			
A	3.3825	4	T5
A			
A	3.3500	4	T1
A			
A	3.3150	4	T2

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The ANOVA Procedure

t Tests (LSD) for CGRc

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.476686
Critical Value of t	2.05183
Least Significant Difference	1.0017

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	29.3400	4	T1
A			
A	29.2300	4	T7

A			
A	28.9800	4	T5
B	26.9775	4	T6
B			
B	26.3675	4	T2
B			
B	26.3450	4	T9
C	22.5100	4	T3
C			
C	22.4825	4	T8
C			
C	22.4000	4	T4
D	17.8025	4	T10

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The ANOVA Procedure

t Tests (LSD) for CGRSs

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.077288
Critical Value of t	2.05183
Least Significant Difference	0.4033

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	9.6100	4	T7
A			
A	9.5500	4	T1
A			
A	9.3925	4	T5
B	8.6325	4	T6
B			
B	8.5475	4	T9
B			
B	8.4800	4	T2
C	7.7800	4	T8
C			
C	7.7525	4	T3
C			
C	7.7225	4	T4
D	7.2600	4	T10

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The ANOVA Procedure

t Tests (LSD) for LAIc

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27

Error Mean Square 0.001074
 Critical Value of t 2.05183
 Least Significant Difference 0.0475

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	2.55750	4	T1
A			
A	2.54250	4	T7
A			
A	2.51500	4	T5
B	2.38500	4	T2
B			
B	2.37000	4	T6
B			
B	2.34000	4	T9
C	2.15000	4	T3
C			
C	2.12250	4	T4
C			
C	2.12000	4	T8
D	1.84000	4	T10

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The ANOVA Procedure

t Tests (LSD) for LAIs

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha 0.05
 Error Degrees of Freedom 27
 Error Mean Square 0.00141
 Critical Value of t 2.05183
 Least Significant Difference 0.0545

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	3.20000	4	T7
A			
A	3.19750	4	T5
A			
A	3.16500	4	T1
B	3.07250	4	T2
B			
B	3.04500	4	T6
B			
B	3.02000	4	T9
C	2.78250	4	T3
C			
C	2.78000	4	T8
C			
C	2.75250	4	T4
D	2.53750	4	T10

The ANOVA Procedure

t Tests (LSD) for PHc

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	5.774074
Critical Value of t	2.05183
Least Significant Difference	3.4863

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	197.000	4	T1
A			
A	195.250	4	T5
A			
A	195.000	4	T7
B	186.250	4	T9
B			
B	185.000	4	T6
B			
B	184.000	4	T2
C	153.000	4	T8
C			
C	152.500	4	T3
C			
C	152.000	4	T4
D	127.000	4	T10

The ANOVA Procedure

t Tests (LSD) for PHs

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	2.288889
Critical Value of t	2.05183
Least Significant Difference	2.195

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	112.750	4	T5
A			
A	112.000	4	T7
B	109.250	4	T1

C	100.000	4	T6
C			
C	99.750	4	T9
C			
C	99.000	4	T2
D			
D	78.000	4	T8
D			
D	77.750	4	T4
D			
D	76.500	4	T3
E			
E	64.000	4	T10

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The ANOVA Procedure

t Tests (LSD) for FYc

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.282417
Critical Value of t	2.05183
Least Significant Difference	0.771

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	33.3625	4	T5
A			
A	32.9000	4	T7
A			
A	32.6525	4	T1
B			
B	25.4500	4	T6
B			
B	25.2025	4	T2
B			
B	25.1575	4	T9
C			
C	18.2550	4	T4
C			
C	18.0225	4	T8
C			
C	17.6750	4	T3
D			
D	14.1700	4	T10

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The ANOVA Procedure

t Tests (LSD) for FYs

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.144737
Critical Value of t	2.05183
Least Significant Difference	0.552

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	24.3000	4	T5
A			
A	24.1775	4	T1
A			
A	24.1575	4	T7
B	15.8925	4	T9
B			
B	15.8475	4	T6
B			
B	15.6050	4	T2
C	12.3325	4	T4
D	11.7000	4	T3
D			
D	11.6750	4	T8
E	8.7125	4	T10

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The ANOVA Procedure

t Tests (LSD) for FYmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.350094
Critical Value of t	2.05183
Least Significant Difference	0.8585

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	57.6625	4	T5
A			
A	57.0525	4	T7
A			
A	56.8275	4	T1
B	41.3000	4	T6
B			
B	41.0500	4	T9
B			
B	40.8025	4	T2
C	30.5875	4	T4
D	29.6975	4	T8
D			
D	29.3725	4	T3
E	22.8825	4	T10

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The ANOVA Procedure

t Tests (LSD) for DMc

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.054946
Critical Value of t	2.05183
Least Significant Difference	0.3401

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	7.6700	4	T1
A			
A	7.5850	4	T7
A			
A	7.5025	4	T5
B	5.5250	4	T2
B			
B	5.3850	4	T6
B			
B	5.2975	4	T9
C	3.8575	4	T3
C			
C	3.8500	4	T8
C			
C	3.6775	4	T4
D	3.0325	4	T10

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The ANOVA Procedure

t Tests (LSD) for DMs

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.035614
Critical Value of t	2.05183
Least Significant Difference	0.2738

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	6.2000	4	T7
A			
A	6.1900	4	T1
A			
A	6.1825	4	T5
B	4.4100	4	T6
B			
B	4.3650	4	T9

B			
B	4.2075	4	T2
C	3.2225	4	T4
D	2.8975	4	T8
D	2.8600	4	T3
E	2.2000	4	T10

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The ANOVA Procedure

t Tests (LSD) for DMmix

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.099825
Critical Value of t	2.05183
Least Significant Difference	0.4584

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	13.8600	4	T1
A			
A	13.7875	4	T7
A			
A	13.6850	4	T5
B	9.7950	4	T6
B			
B	9.7300	4	T2
B			
B	9.6625	4	T9
C	6.9025	4	T4
C			
C	6.7450	4	T8
C			
C	6.7125	4	T3
D	5.2300	4	T10

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The ANOVA Procedure

t Tests (LSD) for PH

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.001232
Critical Value of t	2.05183
Least Significant Difference	0.0509

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	4.03000	4	T2
A	4.03000	4	T4
A	4.02750	4	T10
A	4.02750	4	T5
A	4.02500	4	T6
A	4.02250	4	T3
A	4.02000	4	T1
A	4.02000	4	T7
A	4.02000	4	T8
A	4.01750	4	T9

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The ANOVA Procedure

t Tests (LSD) for DM

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.195426
Critical Value of t	2.05183
Least Significant Difference	0.6414

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	32.7800	4	T7
A	32.7725	4	T5
A	32.6050	4	T1
A	32.5225	4	T3
A	32.4900	4	T4
A	32.4375	4	T10
A	32.3875	4	T8
A	32.3275	4	T6
A	32.2500	4	T9
A	32.2350	4	T2

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The ANOVA Procedure

t Tests (LSD) for Lactic

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.004123
Critical Value of t	2.05183
Least Significant Difference	0.0932

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer		
A	4.03500	4	T1		
A					
A	4.02750	4	T7		
A					
B	A	4.01750	4	T2	
B	A				
B	A	C	4.01250	4	T5
B		C			
B	D	C	3.92750	4	T6
	D	C			
	D	C	3.92000	4	T9
	D	C			
	D	C	3.92000	4	T4
	D	C			
	D	C	3.92000	4	T8
	D				
	D		3.91250	4	T3
	D				
	D		3.89750	4	T10

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The ANOVA Procedure

t Tests (LSD) for Acetic

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.001161
Critical Value of t	2.05183
Least Significant Difference	0.0494

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	1.63500	4	T6
A			
A	1.63250	4	T10
A			
A	1.63250	4	T3
A			
A	1.63000	4	T7
A			
A	1.62750	4	T8
A			
A	1.62500	4	T4
A			

A	1.62500	4	T2
A			
A	1.62000	4	T5
A			
A	1.62000	4	T1
A			
A	1.62000	4	T9

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The ANOVA Procedure

t Tests (LSD) for Propionic

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.000672
Critical Value of t	2.05183
Least Significant Difference	0.0376

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	0.16250	4	T5
A			
A	0.16000	4	T4
A			
A	0.15750	4	T2
A			
A	0.15750	4	T1
A			
A	0.15250	4	T3
A			
A	0.15000	4	T10
A			
A	0.14750	4	T9
A			
A	0.14500	4	T6
A			
A	0.14250	4	T7
A			
A	0.13750	4	T8

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The ANOVA Procedure

t Tests (LSD) for Butyric

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.000105
Critical Value of t	2.05183
Least Significant Difference	0.0149

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
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A	0.035000	4	T3
A			
A	0.032500	4	T1
A			
A	0.032500	4	T2
A			
A	0.030000	4	T10
A			
A	0.030000	4	T4
A			
A	0.030000	4	T5
A			
A	0.027500	4	T6
A			
A	0.027500	4	T7
A			
A	0.027500	4	T8
A			
A	0.025000	4	T9

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The ANOVA Procedure

t Tests (LSD) for Total

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	27
Error Mean Square	0.004981
Critical Value of t	2.05183
Least Significant Difference	0.1024

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	5.84750	4	T1
A			
B A	5.83250	4	T2
B A			
B A	5.82750	4	T7
B A			
B A	5.82500	4	T5
B			
B C	5.73750	4	T4
B C			
B C	5.73750	4	T3
C			
C	5.72000	4	T9
C			
C	5.71750	4	T6
C			
C	5.71250	4	T8
C			
C	5.70500	4	T10

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The ANOVA Procedure

t Tests (LSD) for AmmoniaN

NOTE: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha 0.05
 Error Degrees of Freedom 27
 Error Mean Square 0.017533
 Critical Value of t 2.05183
 Least Significant Difference 0.1921

Means with the same letter are not significantly different.

t Grouping	Mean	N	Fertilizer
A	2.08000	4	T5
A			
A	2.06500	4	T2
A			
A	2.06250	4	T1
A			
A	2.04750	4	T7
B			
B	1.83750	4	T3
B			
B	1.83250	4	T9
B			
B	1.83000	4	T6
B			
B	1.83000	4	T4
B			
B	1.82250	4	T8
B			
B	1.81500	4	T10

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----- Fertilizer=T1

The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.500000	.	2.500000	1.6666667	1.2909944	
0.6454972						
CPmix	14.502500	.	14.500000	0.0088917	0.0942956	
0.0471478						
NDFmix	57.340000	.	57.720000	1.3264667	1.1517233	
0.5758617						
ADFmix	35.680000	.	36.160000	2.3265333	1.5252978	
0.7626489						
DMDmix	66.312500	.	66.100000	1.9110917	1.3824224	
0.6912112						
WSCmix	22.020000	.	21.640000	1.7254000	1.3135448	
0.6567724						
ADLmix	3.667500	.	3.680000	0.1042917	0.3229422	
0.1614711						
ProteinYmix	2009.98	.	2009.11	501.1786917	22.3870206	
11.1935103						
CPsilo	13.432500	.	13.430000	0.0088917	0.0942956	
0.0471478						
NDFsilo	52.090000	.	52.355000	2.8731333	1.6950320	
0.8475160						
ADFsilo	29.760000	.	30.270000	2.3719333	1.5401082	
0.7700541						
DMDsilo	58.057500	.	57.490000	1.5506917	1.2452677	
0.6226339						
WSCsilo	17.762500	.	18.075000	0.6952917	0.8338415	
0.4169208						

ADLsilo	3.350000	.	3.325000	0.017000	0.1303840
0.0651920					
CGRc	29.340000	.	29.455000	0.9004667	0.9489292
0.4744646					
CGRSs	9.550000	.	9.670000	0.1638000	0.4047221
0.2023611					
LAIc	2.557500	2.560000	2.560000	0.0013583	0.0368556
0.0184278					
LAIIs	3.165000	.	3.170000	0.0017667	0.0420317
0.0210159					
PHc	197.000000	197.000000	197.000000	0.6666667	0.8164966
0.4082483					
PHs	109.250000	108.000000	109.000000	2.250000	1.500000
0.7500000					
FYc	32.652500	.	32.745000	0.1384250	0.3720551
0.1860276					
FYs	24.177500	.	24.025000	0.1673583	0.4090945
0.2045473					
FYmix	56.827500	.	56.855000	0.4450917	0.6671519
0.3335760					
DMc	7.670000	.	7.575000	0.0430000	0.2073644
0.1036822					
DMS	6.190000	.	6.245000	0.0514000	0.2267157
0.1133578					
DMmix	13.860000	13.940000	13.905000	0.0139333	0.1180395
0.0590198					
PH	4.020000	4.020000	4.020000	0.0010667	0.0326599
0.0163299					
DM	32.605000	.	32.645000	0.0111000	0.1053565
0.0526783					
Lactic	4.035000	.	4.040000	0.0019667	0.0443471
0.0221736					
Acetic	1.620000	.	1.620000	0.0011333	0.0336650
0.0168325					
Propionic	0.157500	.	0.150000	0.0014917	0.0386221
0.0193111					
Butyric	0.032500	0.030000	0.030000	0.000158333	0.0125831
0.0062915					
Total	5.847500	.	5.850000	0.0010917	0.0330404
0.0165202					
AmmoniaN	2.062500	1.980000	1.980000	0.0272250	0.1650000
0.0825000					

#####

----- Fertilizer=T10

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.500000	.	2.500000	1.6666667	1.2909944	
0.6454972						
CPmix	12.280000	.	12.295000	0.1051333	0.3242427	
0.1621214						
NDFmix	57.930000	.	57.945000	0.1224667	0.3499524	
0.1749762						
ADFmix	36.480000	.	36.480000	0.1083333	0.3291403	
0.1645701						
DMDmix	66.357500	.	66.370000	0.1282917	0.3581783	
0.1790891						
WSCmix	22.212500	.	21.995000	5.3272917	2.3080926	
1.1540463						

#####

----- Fertilizer=T10

The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
ADLmix	3.7600000	.	3.7700000	0.0738000	0.2716616	
0.1358308						
ProteinYmix	642.6200000	.	629.9350000	1776.57	42.1493748	
21.0746874						
CPsilo	11.1800000	.	11.1950000	0.1051333	0.3242427	
0.1621214						
NDFsilo	52.0300000	.	52.0950000	0.1871333	0.4325891	
0.2162946						
ADFsilo	30.5350000	.	30.5650000	0.0568333	0.2383974	
0.1191987						
DMDsilo	58.5800000	.	58.5050000	0.0723333	0.2689486	
0.1344743						
WSCsilo	17.4250000	.	17.1600000	0.7899667	0.8888007	
0.4444003						
ADLsilo	3.5250000	.	3.5000000	0.0758333	0.2753785	
0.1376893						
CGRc	17.8025000	.	18.0950000	0.9934917	0.9967405	
0.4983703						
CGRSs	7.2600000	.	7.2800000	0.0224000	0.1496663	
0.0748331						
LAIc	1.8400000	1.8400000	1.8400000	0.000066667	0.0081650	
0.0040825						
LAI	2.5375000	2.5400000	2.5400000	0.000025000	0.0050000	
0.0025000						
PHc	127.0000000	127.0000000	127.0000000	2.6666667	1.6329932	
0.8164966						
PHs	64.0000000	64.0000000	64.0000000	2.6666667	1.6329932	
0.8164966						
FYc	14.1700000	.	14.2400000	0.0780667	0.2794041	
0.1397021						
FYs	8.7125000	.	8.7500000	0.0397583	0.1993949	
0.0996975						
FYmix	22.8825000	.	23.0450000	0.2200250	0.4690682	
0.2345341						
DMc	3.0325000	3.0300000	3.0300000	0.0121583	0.1102648	
0.0551324						
DMS	2.2000000	.	2.1750000	0.0194000	0.1392839	
0.0696419						
DMmix	5.2300000	.	5.2050000	0.0592667	0.2434475	
0.1217237						
PH	4.0275000	4.0100000	4.0100000	0.0012250	0.0350000	
0.0175000						
DM	32.4375000	.	32.4700000	0.2646250	0.5144171	
0.2572086						
Lactic	3.8975000	.	3.9000000	0.000491667	0.0221736	
0.0110868						
Acetic	1.6325000	.	1.6250000	0.0011583	0.0340343	
0.0170171						
Propionic	0.1500000	.	0.1550000	0.0010000	0.0316228	
0.0158114						
Butyric	0.0300000	0.0300000	0.0300000	0.000066667	0.0081650	
0.0040825						
Total	5.7050000	.	5.7250000	0.0035000	0.0591608	
0.0295804						
AmmoniaN	1.8150000	1.8200000	1.8200000	0.000633333	0.0251661	
0.0125831						

----- Fertilizer=T2

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	

0.6454972					
CPmix	14.4775000	.	14.5000000	0.0067583	0.0822091
0.0411045					
NDFmix	49.2225000	.	49.1050000	0.1218250	0.3490344
0.1745172					
ADFmix	26.6550000	.	26.6050000	0.2820333	0.5310681
0.2655341					
DMDmix	65.6850000	.	65.7000000	0.1257667	0.3546360
0.1773180					
WSCmix	22.1625000	.	22.2250000	0.5580250	0.7470107
0.3735054					
ADLmix	3.6875000	.	3.7000000	0.1042917	0.3229422
0.1614711					
ProteinYmix	1408.95	.	1412.22	2285.22	47.8039723
23.9019861					
CPsilo	13.3850000	.	13.3800000	0.0291000	0.1705872
0.0852936					
NDFsilo	43.3625000	.	43.2350000	0.1268250	0.3561250
0.1780625					
ADFsilo	20.8275000	20.6800000	20.6800000	0.1923583	0.4385867
0.2192934					
DMDsilo	58.4525000	.	58.3950000	0.5420250	0.7362235
0.3681117					

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----- Fertilizer=T2

The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
WCSsilo	17.3775000	.	17.1450000	1.1988917	1.0949391	
0.5474696						
ADLsilo	3.3150000	.	3.2750000	0.0251000	0.1584298	
0.0792149						
CGRc	26.3675000	.	26.4300000	0.0329583	0.1815443	
0.0907722						
CGRSs	8.4800000	.	8.3850000	0.1948667	0.4414370	
0.2207185						
LAIc	2.3850000	2.3900000	2.3900000	0.0011000	0.0331662	
0.0165831						
LAIc	3.0725000	.	3.0600000	0.0036250	0.0602080	
0.0301040						
PHc	184.0000000	184.0000000	184.0000000	0.6666667	0.8164966	
0.4082483						
PHs	99.0000000	99.0000000	99.0000000	0.6666667	0.8164966	
0.4082483						
FYc	25.2025000	.	25.0400000	0.3390250	0.5822585	
0.2911293						
FYs	15.6050000	.	15.6900000	0.1371667	0.3703602	
0.1851801						
FYmix	40.8025000	.	40.7100000	0.4364917	0.6606752	
0.3303376						
DMc	5.5250000	.	5.5600000	0.0203667	0.1427118	
0.0713559						
DMs	4.2075000	.	4.2350000	0.0350250	0.1871497	
0.0935748						
DMmix	9.7300000	.	9.7350000	0.0868667	0.2947315	
0.1473658						
PH	4.0300000	3.9900000	4.0250000	0.0022000	0.0469042	
0.0234521						
DM	32.2350000	.	32.0150000	0.2359000	0.4856954	
0.2428477						
Lactic	4.0175000	3.9800000	4.0100000	0.0020250	0.0450000	
0.0225000						
Acetic	1.6250000	.	1.6400000	0.0027667	0.0525991	

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0.0262996
Propionic      0.1575000      0.1700000      0.1650000      0.000358333      0.0189297
0.0094648
Butyric       0.0325000      0.0300000      0.0300000      0.000158333      0.0125831
0.0062915
Total        5.8325000      .              5.8150000      0.0038250      0.0618466
0.0309233
AmmoniaN     2.0650000      2.1100000      2.0900000      0.0043667      0.0660808
0.0330404

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----- Fertilizer=T3
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Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	
CPmix	13.3200000	.	13.3150000	0.0822000	0.2867054	
NDFmix	58.1300000	.	57.7600000	2.3036667	1.5177835	
ADFmix	36.0925000	.	35.8550000	1.9942250	1.4121703	
DMDmix	66.5250000	.	66.5400000	0.1336333	0.3655589	
WSCmix	22.3625000	.	22.3750000	0.1044250	0.3231486	
ADLmix	3.7425000	.	3.8150000	0.0914250	0.3023657	
ProteinYmix	894.2450000	.	895.8250000	2794.41	52.8621847	
CPsilo	12.2200000	.	12.2150000	0.0822000	0.2867054	
NDFsilo	52.2800000	.	51.9100000	2.3036667	1.5177835	
ADFsilo	30.2025000	.	29.9500000	1.9802917	1.4072284	
DMDsilo	58.7425000	.	58.6650000	0.0717583	0.2678775	
WSCsilo	17.8150000	.	17.7600000	1.2163000	1.1028599	
ADLsilo	3.4375000	.	3.4050000	0.0288917	0.1699755	
CGRc	22.5100000	.	22.5150000	0.0014000	0.0374166	
CGRSs	7.7525000	.	7.7450000	0.0017583	0.0419325	
LAic	2.1500000	2.1800000	2.1650000	0.0018000	0.0424264	
LAIs	2.7825000	.	2.7850000	0.0020917	0.0457347	

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----- Fertilizer=T3
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The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
PHc	152.5000000	153.0000000	153.0000000	6.3333333	2.5166115	
PHs	76.5000000	.	76.5000000	1.6666667	1.2909944	

FYc	17.6750000	.	17.7400000	0.0815000	0.2854820
0.1427410					
FYs	11.7000000	.	11.7400000	0.0384667	0.1961292
0.0980646					
FYmix	29.3725000	.	29.4750000	0.2304250	0.4800260
0.2400130					
DMc	3.8575000	.	3.8400000	0.0640917	0.2531633
0.1265817					
DMS	2.8600000	.	2.8350000	0.0130000	0.1140175
0.0570088					
DMmix	6.7125000	.	6.6200000	0.1208250	0.3475989
0.1737995					
PH	4.0225000	4.0100000	4.0100000	0.0015583	0.0394757
0.0197379					
DM	32.5225000	.	32.6950000	0.3442917	0.5867637
0.2933819					
Lactic	3.9125000	3.9600000	3.9250000	0.0034250	0.0585235
0.0292617					
Acetic	1.6325000	.	1.6350000	0.000291667	0.0170783
0.0085391					
Propionic	0.1525000	.	0.1550000	0.0010917	0.0330404
0.0165202					
Butyric	0.0350000	.	0.0350000	0.000166667	0.0129099
0.0064550					
Total	5.7375000	.	5.7350000	0.0016917	0.0411299
0.0205649					
AmmoniaN	1.8375000	.	1.8400000	0.000491667	0.0221736
0.0110868					

#####

----- Fertilizer=T4

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	
0.6454972						
CPmix	13.3825000	.	13.2850000	0.0479583	0.2189939	
0.1094970						
NDFmix	58.0000000	.	58.0150000	2.2164667	1.4887803	
0.7443901						
ADFmix	36.1725000	.	36.7750000	1.7794250	1.3339509	
0.6669754						
DMDmix	66.9800000	.	66.9950000	0.1247333	0.3531761	
0.1765880						
WSCmix	22.1675000	.	22.1800000	0.1066250	0.3265348	
0.1632674						
ADLmix	3.7475000	.	3.7600000	0.1042917	0.3229422	
0.1614711						
ProteinYmix	923.7400000	.	946.0300000	2717.13	52.1260543	
26.0630271						
CPsilo	12.3525000	.	12.2550000	0.0479583	0.2189939	
0.1094970						
NDFsilo	52.1500000	.	52.1650000	2.2164667	1.4887803	
0.7443901						
ADFsilo	30.3275000	.	30.9450000	1.8478250	1.3593473	
0.6796736						
DMDsilo	58.1750000	.	58.2650000	0.8696333	0.9325413	
0.4662707						
WSCsilo	17.6075000	.	17.6600000	0.0411583	0.2028752	
0.1014376						
ADLsilo	3.4250000	.	3.4450000	0.0635000	0.2519921	
0.1259960						
CGRc	22.4000000	.	22.4150000	0.0016667	0.0408248	
0.0204124						
CGRSs	7.7225000	.	7.7250000	0.0012250	0.0350000	
0.0175000						
LAIc	2.1225000	2.1200000	2.1200000	0.000158333	0.0125831	
0.0062915						

LAI	2.7525000	.	2.7600000	0.000958333	0.0309570
0.0154785					
PHc	152.0000000	152.0000000	152.0000000	0.6666667	0.8164966
0.4082483					
PHs	77.7500000	79.0000000	78.0000000	2.2500000	1.5000000
0.7500000					
FYc	18.2550000	.	18.2550000	0.0532333	0.2307235
0.1153617					
FYs	12.3325000	.	12.3400000	0.0454917	0.2132878
0.1066439					
FYmix	30.5875000	.	30.6500000	0.0552250	0.2350000
0.1175000					
DMc	3.6775000	.	3.7300000	0.0635583	0.2521078
0.1260539					

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----- Fertilizer=T4

The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
#####						
DMS	3.2225000	.	3.2450000	0.0251583	0.1586138	
0.0793069						
DMmix	6.9025000	.	7.0450000	0.1312917	0.3623419	
0.1811710						
PH	4.0300000	4.0600000	4.0350000	0.0012667	0.0355903	
0.0177951						
DM	32.4900000	.	32.6550000	0.2200667	0.4691126	
0.2345563						
Lactic	3.9200000	.	3.9000000	0.0074667	0.0864099	
0.0432049						
Acetic	1.6250000	.	1.6250000	0.000433333	0.0208167	
0.0104083						
Propionic	0.1600000	0.1500000	0.1500000	0.000733333	0.0270801	
0.0135401						
Butyric	0.0300000	0.0400000	0.0350000	0.000200000	0.0141421	
0.0070711						
Total	5.7375000	.	5.7400000	0.0048917	0.0699405	
0.0349702						
AmmoniaN	1.8300000	1.8800000	1.8750000	0.0087333	0.0934523	
0.0467262						

#####

----- Fertilizer=T5

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
#####						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	
0.6454972						
CPmix	14.5550000	.	14.5600000	0.0081667	0.0903696	
0.0451848						
NDFmix	49.6725000	.	49.6500000	0.4927583	0.7019675	
0.3509837						
ADFmix	26.7375000	.	26.7500000	0.1084917	0.3293807	
0.1646904						
DMDmix	66.7275000	.	66.5200000	6.3016250	2.5103038	
1.2551519						
WSCmix	22.1525000	.	21.9500000	0.2675583	0.5172604	
0.2586302						
ADLmix	3.6150000	.	3.6300000	0.1017667	0.3190089	
0.1595044						
ProteinYmix	1991.95	.	1993.02	628.0695000	25.0613148	

12.5306574					
CPsilo	13.4650000	.	13.4700000	0.0081667	0.0903696
0.0451848					
NDFsilo	43.7950000	.	43.8000000	0.4577000	0.6765353
0.3382676					
ADFsilo	20.9625000	.	20.8800000	0.2493583	0.4993579
0.2496790					
DMDsilo	58.7125000	.	58.7800000	0.0732917	0.2707243
0.1353622					
WSCsilo	17.3850000	.	17.5400000	0.4931667	0.7022583
0.3511291					
ADLsilo	3.3825000	.	3.4300000	0.0250917	0.1584035
0.0792017					
CGRc	28.9800000	.	28.8400000	0.5120667	0.7155883
0.3577942					
CGRSs	9.3925000	.	9.6000000	0.3794917	0.6160289
0.3080145					
LAIc	2.5150000	.	2.5100000	0.0043667	0.0660808
0.0330404					
LAIIs	3.1975000	.	3.1850000	0.0034917	0.0590903
0.0295452					
PHc	195.2500000	198.0000000	198.0000000	38.2500000	6.1846584
3.0923292					
PHs	112.7500000	.	113.5000000	6.9166667	2.6299556
1.3149778					
FYc	33.3625000	.	33.0900000	1.0516250	1.0254877
0.5127438					
FYs	24.3000000	.	23.9250000	0.9444667	0.9718367
0.4859184					
FYmix	57.6625000	.	57.7300000	1.4089583	1.1869955
0.5934978					
DMc	7.5025000	.	7.5150000	0.1068917	0.3269429
0.1634715					
DMS	6.1825000	.	6.1050000	0.0784250	0.2800446
0.1400223					
DMmix	13.6850000	.	13.7500000	0.0515667	0.2270830
0.1135415					
PH	4.0275000	4.0100000	4.0100000	0.0012250	0.0350000
0.0175000					
DM	32.7725000	.	32.7200000	0.0361583	0.1901534
0.0950767					
Lactic	4.0125000	.	4.0000000	0.0024917	0.0499166
0.0249583					
Acetic	1.6200000	.	1.6150000	0.0020667	0.0454606
0.0227303					

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The SAS System

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----- Fertilizer=T5

The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Propionic	0.1625000	0.1600000	0.1600000	0.000425000	0.0206155	
0.0103078						
Butyric	0.0300000	0.0300000	0.0300000	0.000066667	0.0081650	
0.0040825						
Total	5.8250000	.	5.8400000	0.0056333	0.0750555	
0.0375278						
AmmoniaN	2.0800000	.	2.0800000	0.0150667	0.1227464	
0.0613732						

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----- Fertilizer=T6

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	
0.6454972						
CPmix	13.3450000	.	13.3400000	0.0321000	0.1791647	
0.0895824						
NDFmix	58.5225000	.	59.0400000	2.9239583	1.7099586	
0.8549793						
ADFmix	36.1225000	.	36.2150000	2.0992917	1.4488933	
0.7244466						
DMDmix	65.8700000	.	65.8850000	0.1296667	0.3600926	
0.1800463						
WSCmix	22.4675000	.	22.8350000	0.8021583	0.8956329	
0.4478165						
ADLmix	3.7725000	3.8200000	3.8200000	0.0778250	0.2789713	
0.1394857						
ProteinYmix	1307.87	.	1270.81	12669.37	112.5583028	
56.2791514						
CPsilo	12.2450000	.	12.2400000	0.0321000	0.1791647	
0.0895824						
NDFsilo	52.8100000	.	53.1900000	2.2336667	1.4945456	
0.7472728						
ADFsilo	30.1700000	.	30.3850000	1.7850000	1.3360389	
0.6680195						
DMDsilo	58.0875000	.	58.0050000	0.0779583	0.2792102	
0.1396051						
WSCsilo	17.3425000	.	17.3300000	0.3452917	0.5876152	
0.2938076						
ADLsilo	3.5400000	.	3.6150000	0.0579333	0.2406934	
0.1203467						
CGRc	26.9775000	.	26.9850000	0.0817583	0.2859341	
0.1429671						
CGRSs	8.6325000	.	8.6400000	0.2054917	0.4533119	
0.2266559						
LAIc	2.3700000	2.3700000	2.3700000	0.000266667	0.0163299	
0.0081650						
LAIc	3.0450000	3.0700000	3.0500000	0.000900000	0.0300000	
0.0150000						
PHc	185.0000000	185.0000000	185.0000000	0.6666667	0.8164966	
0.4082483						
PHs	100.0000000	100.0000000	100.0000000	0.6666667	0.8164966	
0.4082483						
FYc	25.4500000	25.8600000	25.4550000	0.2242000	0.4734976	
0.2367488						
FYs	15.8475000	.	15.8100000	0.1222917	0.3497023	
0.1748511						
FYmix	41.3000000	.	41.2550000	0.4443333	0.6665833	
0.3332917						
DMc	5.3850000	.	5.2350000	0.1341667	0.3662877	
0.1831438						
DMs	4.4100000	.	4.3650000	0.1448667	0.3806135	
0.1903068						
DMmix	9.7950000	.	9.5600000	0.5191000	0.7204859	
0.3602430						
PH	4.0250000	3.9800000	4.0200000	0.0027667	0.0525991	
0.0262996						
DM	32.3275000	.	32.3900000	0.1709583	0.4134711	
0.2067355						
Lactic	3.9275000	.	3.9300000	0.0030917	0.0556028	
0.0278014						
Acetic	1.6350000	1.6100000	1.6150000	0.0019000	0.0435890	
0.0217945						
Propionic	0.1450000	.	0.1400000	0.000700000	0.0264575	
0.0132288						
Butyric	0.0275000	0.0300000	0.0300000	0.000025000	0.0050000	
0.0025000						
Total	5.7175000	.	5.7050000	0.0096917	0.0984463	
0.0492231						
AmmoniaN	1.8300000	.	1.8350000	0.0098000	0.0989949	

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----- Fertilizer=T7
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The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	
0.6454972						
CPmix	14.5500000	.	14.5500000	0.0194667	0.1395230	
0.0697615						
NDFmix	49.4550000	.	49.4700000	0.1147667	0.3387723	
0.1693861						
ADFmix	26.7900000	.	26.8050000	0.1080667	0.3287349	
0.1643675						
DMDmix	66.8175000	.	66.8250000	0.1191583	0.3451932	
0.1725966						
WSCmix	22.7275000	.	22.7350000	0.1149583	0.3390551	
0.1695275						
ADLmix	3.7000000	3.7200000	3.7200000	0.1019333	0.3192700	
0.1596350						
ProteinYmix	2005.75	.	2001.51	2246.79	47.4002844	
23.7001422						
CPsilo	13.4050000	13.3900000	13.3900000	0.0019667	0.0443471	
0.0221736						
NDFsilo	43.5975000	.	43.6200000	0.1230917	0.3508442	
0.1754221						
ADFsilo	20.9450000	.	20.9500000	0.0888333	0.2980492	
0.1490246						
DMDsilo	58.5925000	.	58.9200000	0.5984250	0.7735793	
0.3867897						
WSCsilo	17.7525000	.	17.8300000	0.5715583	0.7560148	
0.3780074						
ADLsilo	3.5325000	.	3.5800000	0.0250917	0.1584035	
0.0792017						
CGRc	29.2300000	.	29.3050000	0.8700667	0.9327736	
0.4663868						
CGRSs	9.6100000	.	9.7400000	0.1938667	0.4403029	
0.2201515						
LAic	2.5425000	2.5400000	2.5400000	0.0013583	0.0368556	
0.0184278						
LAIs	3.2000000	3.2000000	3.2000000	0.000600000	0.0244949	
0.0122474						
PHc	195.0000000	195.0000000	195.0000000	0.6666667	0.8164966	
0.4082483						
PHs	112.0000000	112.0000000	112.0000000	0.6666667	0.8164966	
0.4082483						
FYc	32.9000000	.	33.0150000	0.1138000	0.3373426	
0.1686713						
FYs	24.1575000	.	24.1700000	0.0184250	0.1357387	
0.0678694						
FYmix	57.0525000	.	57.1750000	0.2160917	0.4648566	
0.2324283						
DMc	7.5850000	.	7.5600000	0.0575000	0.2397916	
0.1198958						
DMS	6.2000000	.	6.2400000	0.0230667	0.1518771	
0.0759386						
DMmix	13.7875000	.	13.7000000	0.0996250	0.3156343	
0.1578171						
PH	4.0200000	3.9900000	4.0050000	0.0018000	0.0424264	
0.0212132						
DM	32.7800000	.	32.9150000	0.1692667	0.4114203	
0.2057102						
Lactic	4.0275000	4.0100000	4.0100000	0.0012250	0.0350000	

0.0175000					
Acetic	1.6300000	1.6300000	1.6300000	0.000066667	0.0081650
0.0040825					
Propionic	0.1425000	0.1400000	0.1400000	0.000158333	0.0125831
0.0062915					
Butyric	0.0275000	0.0300000	0.0300000	0.000158333	0.0125831
0.0062915					
Total	5.8275000	5.8100000	5.8100000	0.0024250	0.0492443
0.0246221					
AmmoniaN	2.0475000	.	2.0550000	0.0098250	0.0991211
0.0495606					

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----- Fertilizer=T8

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	
0.6454972						
CPmix	13.2825000	.	13.1800000	0.1630917	0.4038461	
0.2019230						
NDFmix	57.3900000	.	57.4050000	0.1224667	0.3499524	
0.1749762						
ADFmix	35.2250000	.	34.9750000	5.5221667	2.3499291	
1.1749645						
DMDmix	66.9500000	.	67.2150000	0.6530000	0.8080842	
0.4040421						
WSCmix	22.4275000	.	22.1650000	0.5582917	0.7471892	
0.3735946						

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----- Fertilizer=T8

The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
ADLmix	3.7950000	.	3.8950000	0.0472333	0.2173323	
0.1086662						
ProteinYmix	896.0325000	.	896.2900000	1168.50	34.1833365	
17.0916682						
CPsilo	12.2125000	.	12.1100000	0.1630917	0.4038461	
0.2019230						
NDFsilo	52.3075000	.	52.0550000	1.3928917	1.1802083	
0.5901042						
ADFsilo	29.3550000	.	29.1050000	5.5221667	2.3499291	
1.1749645						
DMDsilo	58.3950000	.	58.6900000	1.3790333	1.1743225	
0.5871612						
WSCsilo	17.8150000	.	17.8050000	1.8509667	1.3605024	
0.6802512						
ADLsilo	3.5400000	.	3.5550000	0.0624667	0.2499333	
0.1249667						
CGRc	22.4825000	.	22.6000000	0.8273583	0.9095924	
0.4547962						
CGRSs	7.7800000	.	7.7050000	0.0816667	0.2857738	
0.1428869						
LAIc	2.1200000	2.1200000	2.1200000	0.000266667	0.0163299	
0.0081650						
LAIc	2.7800000	2.7800000	2.7800000	0.000066667	0.0081650	
0.0040825						
PHc	153.0000000	153.0000000	153.0000000	2.6666667	1.6329932	
0.8164966						

PHs	78.0000000	78.0000000	78.0000000	0.6666667	0.8164966
0.4082483					
FYc	18.0225000	.	18.0200000	0.0522250	0.2285279
0.1142639					
FYs	11.6750000	11.7800000	11.7700000	0.0387667	0.1968925
0.0984463					
FYmix	29.6975000	.	29.6900000	0.0184917	0.1359841
0.0679920					
DMc	3.8500000	3.8700000	3.8600000	0.000800000	0.0282843
0.0141421					
DMS	2.8975000	.	2.8800000	0.0146917	0.1212092
0.0606046					
DMmix	6.7450000	.	6.7350000	0.0089667	0.0946925
0.0473462					
PH	4.0200000	4.0200000	4.0200000	0	0
0					
DM	32.3875000	.	32.2850000	0.5721583	0.7564115
0.3782057					
Lactic	3.9200000	.	3.9350000	0.0138000	0.1174734
0.0587367					
Acetic	1.6275000	.	1.6300000	0.0010917	0.0330404
0.0165202					
Propionic	0.1375000	.	0.1350000	0.000625000	0.0250000
0.0125000					
Butyric	0.0275000	0.0300000	0.0300000	0.000025000	0.0050000
0.0025000					
Total	5.7125000	.	5.7400000	0.0108917	0.1043631
0.0521816					
AmmoniaN	1.8225000	.	1.7150000	0.1086917	0.3296842
0.1648421					

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----- Fertilizer=T9

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
Block	2.5000000	.	2.5000000	1.6666667	1.2909944	
0.6454972						
CPmix	13.3325000	.	13.3250000	0.1097583	0.3312980	
0.1656490						
NDFmix	57.7300000	.	57.7150000	3.3900667	1.8412134	
0.9206067						
ADFmix	35.2975000	.	35.1500000	1.1342250	1.0650000	
0.5325000						
DMDmix	66.9150000	.	66.9300000	0.1209667	0.3478026	
0.1739013						
WSCmix	22.6975000	.	23.1850000	2.9299583	1.7117121	
0.8558561						
ADLmix	3.7400000	.	3.7200000	0.0670000	0.2588436	
0.1294218						
ProteinYmix	1288.39	.	1280.73	3359.20	57.9585929	
28.9792965						
CPsilo	12.2325000	.	12.2250000	0.1097583	0.3312980	
0.1656490						
NDFsilo	52.2275000	.	52.5200000	4.1945583	2.0480621	
1.0240310						
ADFsilo	29.4425000	.	29.3100000	1.1196250	1.0581233	
0.5290617						
DMDsilo	58.9200000	.	59.0600000	0.3992667	0.6318755	
0.3159378						

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----- Fertilizer=T9

The MEANS Procedure

Variable	Mean	Mode	Median	Variance	Std Dev	Std
Error						
WCSsilo	17.6225000	.	17.6400000	0.0342250	0.1850000	
0.0925000						
ADLsilo	3.4500000	.	3.4600000	0.0349333	0.1869046	
0.0934523						
CGRc	26.3450000	25.9800000	26.3150000	0.1800333	0.4243034	
0.2121517						
CGRSs	8.5475000	.	8.5300000	0.0044250	0.0665207	
0.0332603						
LAIc	2.3400000	.	2.3350000	0.000466667	0.0216025	
0.0108012						
LAI s	3.0200000	.	3.0200000	0.0022667	0.0476095	
0.0238048						
PHc	186.2500000	188.0000000	187.0000000	5.5833333	2.3629078	
1.1814539						
PHs	99.7500000	.	99.5000000	2.9166667	1.7078251	
0.8539126						
FYc	25.1575000	.	25.1850000	0.5176917	0.7195079	
0.3597540						
FYs	15.8925000	.	15.9200000	0.1144250	0.3382676	
0.1691338						
FYmix	41.0500000	.	41.3600000	0.5370000	0.7328028	
0.3664014						
DMc	5.2975000	.	5.3300000	0.0418250	0.2045116	
0.1022558						
DMS	4.3650000	.	4.3500000	0.0184333	0.1357694	
0.0678847						
DMmix	9.6625000	.	9.6650000	0.0948917	0.3080449	
0.1540225						
PH	4.0175000	4.0200000	4.0200000	0.000025000	0.0050000	
0.0025000						
DM	32.2500000	32.3300000	32.3300000	0.2816000	0.5306600	
0.2653300						
Lactic	3.9200000	.	3.9250000	0.0051333	0.0716473	
0.0358236						
Acetic	1.6200000	.	1.6250000	0.000466667	0.0216025	
0.0108012						
Propionic	0.1475000	0.1500000	0.1500000	0.000025000	0.0050000	
0.0025000						
Butyric	0.0250000	0.0300000	0.0300000	0.000100000	0.0100000	
0.0050000						
Total	5.7200000	5.6600000	5.7200000	0.0048000	0.0692820	
0.0346410						
AmmoniaN	1.8325000	.	1.8450000	0.0012917	0.0359398	
0.0179699						