

Example 1

Grain						
Anova: one factor						
<i>Group</i>	<i>Count</i>	<i>Sun</i>	<i>Average</i>	<i>Variance</i>		
Nitrogen	6	298,99	49,8317	144,52522		
Phosphorus	6	58,34	9,72333	6,8694267		
Potassium	6	69,53	11,5883	8,3122567		
ANOVA						
<i>Source of variation</i>	<i>SQ</i>	<i>gl</i>	<i>MQ</i>	<i>F</i>	<i>P-value</i>	<i>F critical</i>
Between groups	6149,4183	2	3074,71	57,7566	8,98E-08	3,68232
Inside groups	798,5345	15	53,2356			
Total	6947,9528	17				

Example 2

Straw						
Anova: one factor						
<i>Group</i>	<i>Count</i>	<i>Sun</i>	<i>Average</i>	<i>Variance</i>		
Nitrogen	6	237,2	39,53333	93,93895		
Phosphorus	6	30,99	5,165	1,77095		
Potassium	6	558,55	93,09167	336,2942		
ANOVA						
<i>Source of variation</i>	<i>SQ</i>	<i>gl</i>	<i>MQ</i>	<i>F</i>	<i>P-value</i>	<i>F critical</i>
Between groups	23561,55	2	11780,78	81,81017	8,53E-09	3,68232
Inside groups	2160,021	15	144,0014			
Total	25721,57	17				