

Tensile Data				
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	0 J/cm2	Std Error	10 J/cm2	Std Error
3M 8210 (N95)	6.658	0.208	6.011	0.639
Pasture F550CS (N95)	4.7095	0.9755	4.627	1.098
Honeywell (KN95)	5.4705	1.0695	5.493	0.61
Fengle (KN95)	3.304	0.0341	3.3768	0.0298
ZTLXN (KN95)	5.3455	0.5835	5.9145	0.0625
ttest	0.4748411			

Penetration					
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	0	1	10	50	100
N95	0.2547	0.3637	0.4317	0.4333	0.4053
HW KN95	0.9680	0.5100	0.6393	0.4993	0.6910
Pasture	0.3020	0.3143	0.3750	0.4777	0.5977
ZTLXN	3.3633	4.1557	4.4967	4.1333	3.6500
Fengle	1.4500	1.1163	1.1030	1.5967	1.2000

Anova: Two-Factor Without Replication

<i>SUMMARY</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>	
N95	5	1.8887	0.37774	0.005524	
HW KN95	5	3.3076	0.66152	0.036142	
Pasture	5	2.0667	0.41334	0.015452	
ZTLXN	5	19.799	3.9598	0.202132	
Fengle	5	6.466	1.2932	0.048214	
	0	5	6.338	1.2676	1.618335
	1	5	6.46	1.292	2.665203
	10	5	7.0457	1.40914	3.061059
	50	5	7.1403	1.42806	2.525522
	100	5	6.544	1.3088	1.799177

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Rows	45.55257	4	11.38814	162.0207	1E-12	3.006917
Columns	0.105239	4	0.02631	0.374313	0.823548	3.006917
Error	1.124611	16	0.070288			
Total	46.78242	24				

Filtration					
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	0	1	10	50	100
N95	99.7453	99.6363	99.5683	99.5667	99.5947
HW KN95	99.0320	99.4900	99.3607	99.5007	99.3090
Pasture	99.6980	99.6857	99.6250	99.5223	99.4023
ZTLXN	96.6367	95.8443	95.5033	95.8667	96.3500
Fengle	98.5500	98.8837	98.8970	98.4033	98.8000

Anova: Two-Factor Without Replication

<i>SUMMARY</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>	
N95	5	498.1113	99.62226	0.005524	
HW KN95	5	496.6924	99.33848	0.036142	
Pasture	5	497.9333	99.58666	0.015452	
ZTLXN	5	480.201	96.0402	0.202132	
Fengle	5	493.534	98.7068	0.048214	
	0	5	493.662	98.7324	1.618335
	1	5	493.54	98.708	2.665203
	10	5	492.9543	98.59086	3.061059
	50	5	492.8597	98.57194	2.525522
	100	5	493.456	98.6912	1.799177

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Rows	45.55257	4	11.38814	162.0207	1E-12	3.006917
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