

## ANNEXURE-1

ANOVA OF SEED-BORNE *FUSARIUM* SPP. OF *BRASSICA CAMPESTRIS*.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	0.073	1	0.073	1.923	$p < 0.166$
<i>Fusarium</i> spp. (B)	155.000	5	10.805	283.701	$p < 0.0001$
Sample (C.)	384.000	31	1.365	35.838	$p < 0.0001$
A*B	768.000	5	4.890	128.405	$p < 0.0001$
A*C	767.000	31	1.634	42.913	$p < 0.0001$
B*C	245.381	155	1.583	41.567	$p < 0.0001$
A*B*C	282.996	155	1.826	47.938	$p < 0.0001$
Error	14.625	384	0.038		
Total	816.250	768			

## ANNEXURE-3

ANOVA OF SEED-BORNE *FUSARIUM* SPP. OF *HELIANTHUS ANNUUS*

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	8.601	1	8.601	4816.667	$p < 0.0001$
<i>Fusarium</i> spp. (B)	15.385	5	3.077	1723.067	$p < 0.0001$
Sample (C.)	20.487	34	0.603	337.431	$p < 0.0001$
A*B	13.552	5	2.710	1517.867	$p < 0.0001$
A*C	21.190	34	0.623	349.020	$p < 0.0001$
B*C	108.324	170	0.637	356.831	$p < 0.0001$
A*B*C	110.656	170	0.651	364.514	$p < 0.0001$
Error	0.750	420	0.018		
Total	317.250	840			

## ANNEXURE-2

ANOVA OF SEED-BORNE *FUSARIUM* SPP. OF *CAPSICUM ANNUUM*.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	217.361	1	217.361	829.030	p < 0.0001
<i>Fusarium</i> spp. (B)	450.604	4	112.651	429.659	p < 0.0001
Sample (C.)	459.014	39	11.770	44.890	p < 0.0001
A*B	203.611	4	50.903	194.146	p < 0.0001
A*C	568.464	39	14.576	55.594	p < 0.0001
B*C	3427.046	156	21.968	83.788	p < 0.0001
A*B*C	3582.689	156	22.966	87.594	p < 0.0001
Error	104.875	400	0.262		
Total	10111.125	800			

## ANNEXURE-4

### ANOVA OF SEED-BORNE *FUSARIUM* SPP. OF *LINUM USITATISSIMUM*

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	3.823	1	3.823	12.107	p < 0.0001
<i>Fusarium</i> spp. (B)	73.566	10	7.357	23.300	p < 0.0001
Sample (C.)	41.206	19	2.169	6.869	p < 0.0001
A*B	49.098	10	4.910	15.550	p < 0.0001
A*C	43.538	19	2.291	7.258	p < 0.0001
B*C	506.386	190	2.665	8.441	p < 0.0001
A*B*C	453.354	190	2.386	7.557	p < 0.0001
Error	138.925	440	0.316		
Total	1377.550	880			

ANNEXURE-5

ANOVA OF SEED-BORNE *FUSARIUM* SPP. OF *PENNISETUM TYPHOIDES*

Source	Sum of Squares	df	Moan Squares	F	Probability
<b>Main effects</b>					
Method (A)	0.051	1	0.051	1.972	$p < 0.0001$
<i>Fusarium</i> spp. (B)	19.910	4	4.978	193.866	$p < 0.0001$
Sample (C.)	8.757	19	0.461	17.951	$p < 0.0001$
A*B	8.265	4	2.066	80.477	$p < 0.0001$
A*C	12.712	19	0.669	26.058	$p < 0.0001$
B*C	43.940	76	0.578	22.518	$p < 0.0001$
A*B*C	41.285	76	0.543	21.158	$p < 0.0001$
Error	5.135	200	0.026		
Total	158.760	400			

## ANNEXURE-6

ANOVA OF SEED-BORNE *FUSARIUM* SPP. OF *TRITICUM AESTIVUM*

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	0.501	1	0.501	240.250	$p < 0.0001$
<i>Fusarium</i> spp. (B)	6.373	5	1.275	611.850	$p < 0.0001$
Sample (C.)	8.177	19	0.430	206.566	$p < 0.0001$
A*B	1.515	5	0.303	145.450	$p < 0.0001$
A*C	7.135	19	0.376	180.250	$p < 0.0001$
B*C	40.470	95	0.426	204.482	$p < 0.0001$
A*B*C	38.037	95	0.400	192.187	$p < 0.0001$
Error	0.500	240	0.021		
Total	115.857	480			

## ANNEXURE-7

ANOVA OF SEED-BORNE *FUSARIUM* SPP. OF *ZEA MAYS*

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	27.686	1	27.686	270.312	p < 0.0001
<i>Fusarium</i> spp. (B)	265.752	6	94.292	920.617	p < 0.0001
Sample (C.)	100.977	29	3.482	33.996	p < 0.0001
A*B	70.316	6	11.719	114.421	p < 0.0001
A*C	104.327	29	3.597	35.124	p < 0.0001
B*C	613.052	174	3.523	34.399	p < 0.0001
A*B*C	590.952	174	3.396	33.159	p < 0.0001
Error	43.017	420	0.102		
Total	2347.080	840			

## ANNEXURE-8

ANOVA OF SEED-BORNE FUNGI OF *BRASSICA CAMPESTRIS* OTHER THAN *FUSARIUM* SPP.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	14.275	1	14.275	17053.623	$p < 0.0001$
Fungi (B)	35.657	5	7.130	8519.565	$p < 0.0001$
Sample (C.)	63.785	31	2.058	2458.122	$p < 0.0001$
A*B	27.18	5	5.436	6494.133	$p < 0.0001$
A*C	68.975	31	2.225	2658.141	$p < 0.0001$
B*C	303.37	155	1.957	2338.23	$p < 0.0001$
A*B*C	313.82	155	2.025	2418.778	$p < 0.0001$
Error	0.375	448	8.37E-04		
Total	988.625	832			

## ANNEXURE-9

ANOVA OF SEED-BORNE FUNGI OF *CAPSICUM ANNUUM* OTHER THAN *FUSARIUM* SPP.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	388.144	1	388.144	3054.248	$p < 0.0001$
Fungi (B)	1136.235	5	227.247	1788.172	$p < 0.0001$
Sample (C.)	866.648	34	25.49	200.574	$p < 0.0001$
A*B	245.167	5	49.033	385.836	$p < 0.0001$
A*C	574.481	34	16.896	132.956	$p < 0.0001$
B*C	5344.599	170	31.439	247.387	$p < 0.0001$
A*B*C	3687.708	170	21.692	170.694	$p < 0.0001$
Error	53.375	420	0.127		
Total	13970.875	840			

ANNEXURE-10

ANOVA OF SEED-BORNE FUNGI OF *HELIANTHUS ANNUUS* OTHER THAN *FUSARIUM* SPP.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	250.824	1	250.824	625.228	p < 0.0001
Fungi (B)	121.081	9	134.676	335.706	p < 0.0001
Sample (C.)	209.874	19	11.046	27.534	p < 0.0001
A * B	1061.835	9	117.982	294.093	p < 0.0001
A * C	224.273	19	11.804	29.423	p < 0.0001
B * C	1950.886	171	11.409	28.438	p < 0.0001
A * B * C	2075.25	171	12.136	30.251	p < 0.0001
Error	160.469	400	0.401		
Total	7685.958	800			

## ANNEXURE-11

ANOVA OF SEED-BORNE FUNGI OF *LINUM USITATISSIMUM* OTHER THAN *FUSARIUM* SPP.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	388.144	1	388.144	3054.248	p < 0.0001
Fungi (B)	1136.235	5	227.247	1788.172	p < 0.0001
Sample (C.)	866.648	34	25.49	200.574	p < 0.0001
A*B	245.167	5	49.033	385.836	p < 0.0001
A*C	574.481	34	16.896	132.956	p < 0.0001
B*C	5344.599	170	31.439	247.387	p < 0.0001
A*B*C	3687.708	170	21.692	170.694	p < 0.0001
Error	53.375	420	0.127		
Total	13970.875	840			

## ANNEXURE-12

ANOVA OF SEED-BORNE FUNGI OF *PENNISETUM TYPHOIDES* OTHER THAN *FUSARIUM* SPP.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	346.832	1	346.832	818.283	p < 0.0001
Fungi (B)	1419.572	9	157.730	372.134	p < 0.0001
Sample (C.)	1070.621	19	56.348	132.943	p < 0.0001
A*B	1359.708	9	151.079	356.441	p < 0.0001
A*C	989.982	19	52.104	122.93	p < 0.0001
B*C	10464.929	171	61.198	144.386	p < 0.0001
A*B*C	10883.431	171	63.646	150.16	p < 0.0001
Error	169.541	400	0.424		
Total	27621.073	800			

## ANNEXURE-13

ANOVA OF SEED-BORNE FUNGI OF *TRITICUM AESTIVUM* OTHER THAN *FUSARIUM* SPP.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	977.564	1	977.564	736.048	$p < 0.0001$
Fungi (B)	9127.849	10	912.785	687.273	$p < 0.0001$
Sample (C.)	2738.608	19	144.137	108.527	$p < 0.0001$
A*B	2456.57	10	245.657	184.965	$p < 0.0001$
A*C	1407.146	19	74.06	55.763	$p < 0.0001$
B*C	12294.583	190	64.708	48.722	$p < 0.0001$
A*B*C	8876.907	190	46.721	35.178	$p < 0.0001$
Error	584.375	440	1.328		
Total	42694.250	880			

## ANNEXURE-14

ANOVA OF SEED-BORNE FUNGI OF *ZEA MAYS* OTHER THAN *FUSARIUM* SPP.

Source	Sum of Squares	df	Mean Squares	F	Probability
<b>Main effects</b>					
Method (A)	236.009	1	236.009	894.77	p < 0.0001
Fungi (B)	8703.217	6	1450.536	5499.353	p < 0.0001
Sample (C.)	1719.17	29	59.282	224.752	p < 0.0001
A*B	2058.819	6	343.136	1300.918	p < 0.0001
A*C	2155.958	29	74.343	281.855	p < 0.0001
B*C	9136.251	174	52.507	199.268	p < 0.0001
A*B*C	10534.168	174	60.541	229.527	p < 0.0001
Error	110.781	420	0.264		
Total	38668.438	840			