

The GLIMMIX Procedure

Model Information	
Data Set	WORK.IMPORT
Response Variable	Response
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix Blocked By	Batches
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Batches	5	1 2 3 4 5
Inoculation_Method	2	Dry Wet
Thickness	2	1/4-inch 1/8-inch
Week	5	1 2 3 4 5

Number of Observations Read	100
Number of Observations Used	100

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	2
Columns in X	54
Columns in Z per Subject	1
Subjects (Blocks in V)	5
Max Obs per Subject	20

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	2
Lower Boundaries	2
Upper Boundaries	1
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	-16.28632211	.	23.5447
1	0	3	-18.8505625	2.56424039	1.385808
2	0	2	-18.86173776	0.01117525	0.157597
3	0	4	-18.86317253	0.00143478	0.007159
4	0	2	-18.86317308	0.00000055	0.000054
5	0	2	-18.86317308	0.00000000	4.62E-6

Convergence criterion (GCONV=1E-8) satisfied.

Fit Statistics	
-2 Res Log Likelihood	-18.86
AIC (smaller is better)	-12.86
AICC (smaller is better)	-12.55
BIC (smaller is better)	-14.03
CAIC (smaller is better)	-11.03
HQIC (smaller is better)	-16.01
Generalized Chi-Square	2.13
Gener. Chi-Square / DF	0.03

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	Batches	0.03802	0.02755
AR(1)	Batche*Inocul*Thickn	-0.2140	0.1286

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Residual		0.02664	0.004423

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Inoculation_Method	1	76	4.98	0.0286
Thickness	1	76	81.92	<.0001
Inoculatio*Thickness	1	76	32.65	<.0001
Week	4	76	6.12	0.0003
Inoculation_Met*Week	4	76	17.90	<.0001
Thickness*Week	4	76	14.59	<.0001
Inocula*Thickne*Week	4	76	0.55	0.6970

Contrasts				
Label	Num DF	Den DF	F Value	Pr > F
Dry vs Wet	1	76	4.98	0.0286
1/4 vs 1/8 inches	1	76	81.92	<.0001
Dry vs Wet at 1/4 Inches	1	76	6.06	0.0161
Dry vs Wet at 1/8 Inches	1	76	31.56	<.0001
1/4 vs 1/8 inches for Dry inoculation	1	76	108.99	<.0001
1/4 vs 1/8 inches for Wet inoculation	1	76	5.57	0.0209

Inocula*Thickne*Week Least Squares Means										
Inoculation_Method	Thickness	Week	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Dry	1/4-inch	1	4.1992	0.1137	76	36.93	<.0001	0.05	3.9727	4.4257
Dry	1/4-inch	2	4.1373	0.1137	76	36.38	<.0001	0.05	3.9108	4.3637
Dry	1/4-inch	3	4.1866	0.1137	76	36.82	<.0001	0.05	3.9601	4.4131
Dry	1/4-inch	4	4.3063	0.1137	76	37.87	<.0001	0.05	4.0798	4.5328
Dry	1/4-inch	5	4.6451	0.1137	76	40.85	<.0001	0.05	4.4186	4.8716
Dry	1/8-inch	1	4.8012	0.1137	76	42.22	<.0001	0.05	4.5747	5.0277
Dry	1/8-inch	2	4.8007	0.1137	76	42.21	<.0001	0.05	4.5742	5.0272
Dry	1/8-inch	3	4.5957	0.1137	76	40.41	<.0001	0.05	4.3692	4.8222
Dry	1/8-inch	4	4.4247	0.1137	76	38.91	<.0001	0.05	4.1982	4.6512
Dry	1/8-inch	5	4.8764	0.1137	76	42.88	<.0001	0.05	4.6499	5.1029
Wet	1/4-inch	1	4.2399	0.1137	76	37.28	<.0001	0.05	4.0134	4.4663
Wet	1/4-inch	2	4.5228	0.1137	76	39.77	<.0001	0.05	4.2963	4.7493
Wet	1/4-inch	3	4.5336	0.1137	76	39.87	<.0001	0.05	4.3071	4.7601
Wet	1/4-inch	4	4.3566	0.1137	76	38.31	<.0001	0.05	4.1301	4.5831
Wet	1/4-inch	5	4.2990	0.1137	76	37.80	<.0001	0.05	4.0725	4.5255
Wet	1/8-inch	1	4.6971	0.1137	76	41.30	<.0001	0.05	4.4706	4.9236
Wet	1/8-inch	2	4.8091	0.1137	76	42.29	<.0001	0.05	4.5826	5.0356
Wet	1/8-inch	3	4.5298	0.1137	76	39.83	<.0001	0.05	4.3034	4.7563
Wet	1/8-inch	4	4.2229	0.1137	76	37.13	<.0001	0.05	3.9964	4.4494
Wet	1/8-inch	5	4.1505	0.1137	76	36.50	<.0001	0.05	3.9240	4.3770

Differences of Inocula*Thickne*Week Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer															
Inoculation_Method	Thickness	Week	_Inoculation_Method	_Thickness	_Week	Estimate	Standard Error	DF	t Value	Pr > t	Adj P	Alpha	Lower	Upper	Adj Lower Upper
Dry	1/4-inch	1	Dry	1/4-inch	2	0.06197	0.1137	76	0.54	0.5875	1.0000	0.05	-0.1646	0.2885	-0.3556 0.4796
Dry	1/4-inch	1	Dry	1/4-inch	3	0.01260	0.1008	76	0.12	0.9009	1.0000	0.05	-0.1882	0.2134	-0.3576 0.3828
Dry	1/4-inch	1	Dry	1/4-inch	4	-0.1071	0.1037	76	-1.03	0.3051	1.0000	0.05	-0.3137	0.09949	-0.4880 0.2738
Dry	1/4-inch	1	Dry	1/4-inch	5	-0.4459	0.1031	76	-4.32	<.0001	0.0066	0.05	-0.6512	-0.2405	-0.8245 -0.06724
Dry	1/4-inch	1	Dry	1/8-inch	1	-0.6020	0.1032	76	-5.83	<.0001	<.0001	0.05	-0.8076	-0.3964	-0.9810 -0.2230
Dry	1/4-inch	1	Dry	1/8-inch	2	-0.6014	0.1032	76	-5.83	<.0001	<.0001	0.05	-0.8070	-0.3959	-0.9805 -0.2224
Dry	1/4-inch	1	Dry	1/8-inch	3	-0.3965	0.1032	76	-3.84	0.0003	0.0305	0.05	-0.6021	-0.1909	-0.7755 -0.01750
Dry	1/4-inch	1	Dry	1/8-inch	4	-0.2255	0.1032	76	-2.18	0.0320	0.8004	0.05	-0.4311	-0.01989	-0.6045 0.1535
Dry	1/4-inch	1	Dry	1/8-inch	5	-0.6772	0.1032	76	-6.56	<.0001	<.0001	0.05	-0.8827	-0.4716	-1.0562 -0.2981
Dry	1/4-inch	1	Wet	1/4-inch	1	-0.04063	0.1032	76	-0.39	0.6950	1.0000	0.05	-0.2462	0.1650	-0.4196 0.3384
Dry	1/4-inch	1	Wet	1/4-inch	2	-0.3236	0.1032	76	-3.13	0.0024	0.1947	0.05	-0.5292	-0.1180	-0.7026 0.05543
Dry	1/4-inch	1	Wet	1/4-inch	3	-0.3343	0.1032	76	-3.24	0.0018	0.1536	0.05	-0.5399	-0.1287	-0.7133 0.04467
Dry	1/4-inch	1	Wet	1/4-inch	4	-0.1574	0.1032	76	-1.52	0.1314	0.9918	0.05	-0.3630	0.04818	-0.5364 0.2216
Dry	1/4-inch	1	Wet	1/4-inch	5	-0.09981	0.1032	76	-0.97	0.3367	1.0000	0.05	-0.3054	0.1058	-0.4788 0.2792
Dry	1/4-inch	1	Wet	1/8-inch	1	-0.4978	0.1032	76	-4.82	<.0001	0.0011	0.05	-0.7034	-0.2923	-0.8769 -0.1188
Dry	1/4-inch	1	Wet	1/8-inch	2	-0.6098	0.1032	76	-5.91	<.0001	<.0001	0.05	-0.8154	-0.4042	-0.9888 -0.2308

Differences of Inocula*Thickne*Week Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer																
Inoculation_Method	Thickness	Week	_Inoculation_Method	_Thickness	_Week	Estimate	Standard Error	DF	t Value	Pr > t	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
Dry	1/4-inch	1	Wet	1/8-inch	3	-0.3306	0.1032	76	-3.20	0.0020	0.1670	0.05	-0.5362	-0.1250	-0.7096	0.04839
Dry	1/4-inch	1	Wet	1/8-inch	4	-0.02366	0.1032	76	-0.23	0.8193	1.0000	0.05	-0.2293	0.1819	-0.4027	0.3553
Dry	1/4-inch	1	Wet	1/8-inch	5	0.04869	0.1032	76	0.47	0.6385	1.0000	0.05	-0.1569	0.2543	-0.3303	0.4277
Dry	1/4-inch	2	Dry	1/4-inch	3	-0.04936	0.1137	76	-0.43	0.6655	1.0000	0.05	-0.2759	0.1772	-0.4670	0.3682
Dry	1/4-inch	2	Dry	1/4-inch	4	-0.1691	0.1008	76	-1.68	0.0977	0.9774	0.05	-0.3699	0.03176	-0.5393	0.2012
Dry	1/4-inch	2	Dry	1/4-inch	5	-0.5078	0.1037	76	-4.90	<.0001	0.0009	0.05	-0.7144	-0.3012	-0.8887	-0.1270
Dry	1/4-inch	2	Dry	1/8-inch	1	-0.6639	0.1032	76	-6.43	<.0001	<.0001	0.05	-0.8695	-0.4583	-1.0429	-0.2849
Dry	1/4-inch	2	Dry	1/8-inch	2	-0.6634	0.1032	76	-6.43	<.0001	<.0001	0.05	-0.8690	-0.4578	-1.0424	-0.2844
Dry	1/4-inch	2	Dry	1/8-inch	3	-0.4585	0.1032	76	-4.44	<.0001	0.0044	0.05	-0.6641	-0.2529	-0.8375	-0.07947
Dry	1/4-inch	2	Dry	1/8-inch	4	-0.2875	0.1032	76	-2.78	0.0068	0.3865	0.05	-0.4930	-0.08186	-0.6665	0.09156
Dry	1/4-inch	2	Dry	1/8-inch	5	-0.7391	0.1032	76	-7.16	<.0001	<.0001	0.05	-0.9447	-0.5335	-1.1181	-0.3601
Dry	1/4-inch	2	Wet	1/4-inch	1	-0.1026	0.1032	76	-0.99	0.3234	1.0000	0.05	-0.3082	0.1030	-0.4816	0.2764
Dry	1/4-inch	2	Wet	1/4-inch	2	-0.3855	0.1032	76	-3.73	0.0004	0.0417	0.05	-0.5911	-0.1800	-0.7646	-0.00653
Dry	1/4-inch	2	Wet	1/4-inch	3	-0.3963	0.1032	76	-3.84	0.0003	0.0307	0.05	-0.6019	-0.1907	-0.7753	-0.01729
Dry	1/4-inch	2	Wet	1/4-inch	4	-0.2194	0.1032	76	-2.13	0.0368	0.8333	0.05	-0.4250	-0.01378	-0.5984	0.1596
Dry	1/4-inch	2	Wet	1/4-inch	5	-0.1618	0.1032	76	-1.57	0.1212	0.9889	0.05	-0.3674	0.04382	-0.5408	0.2172
Dry	1/4-inch	2	Wet	1/8-inch	1	-0.5598	0.1032	76	-5.42	<.0001	0.0001	0.05	-0.7654	-0.3542	-0.9388	-0.1808
Dry	1/4-inch	2	Wet	1/8-inch	2	-0.6718	0.1032	76	-6.51	<.0001	<.0001	0.05	-0.8774	-0.4662	-1.0508	-0.2928
Dry	1/4-inch	2	Wet	1/8-inch	3	-0.3926	0.1032	76	-3.80	0.0003	0.0342	0.05	-0.5982	-0.1870	-0.7716	-0.01358
Dry	1/4-inch	2	Wet	1/8-inch	4	-0.08563	0.1032	76	-0.83	0.4094	1.0000	0.05	-0.2912	0.1200	-0.4646	0.2934
Dry	1/4-inch	2	Wet	1/8-inch	5	-0.01328	0.1032	76	-0.13	0.8980	1.0000	0.05	-0.2189	0.1923	-0.3923	0.3657
Dry	1/4-inch	3	Dry	1/4-inch	4	-0.1197	0.1137	76	-1.05	0.2959	0.9999	0.05	-0.3462	0.1068	-0.5373	0.2979
Dry	1/4-inch	3	Dry	1/4-inch	5	-0.4585	0.1008	76	-4.55	<.0001	0.0030	0.05	-0.6593	-0.2576	-0.8287	-0.08823
Dry	1/4-inch	3	Dry	1/8-inch	1	-0.6146	0.1032	76	-5.95	<.0001	<.0001	0.05	-0.8202	-0.4090	-0.9936	-0.2356
Dry	1/4-inch	3	Dry	1/8-inch	2	-0.6140	0.1032	76	-5.95	<.0001	<.0001	0.05	-0.8196	-0.4085	-0.9931	-0.2350
Dry	1/4-inch	3	Dry	1/8-inch	3	-0.4091	0.1032	76	-3.96	0.0002	0.0211	0.05	-0.6147	-0.2035	-0.7881	-0.03011
Dry	1/4-inch	3	Dry	1/8-inch	4	-0.2381	0.1032	76	-2.31	0.0238	0.7239	0.05	-0.4437	-0.03250	-0.6171	0.1409
Dry	1/4-inch	3	Dry	1/8-inch	5	-0.6898	0.1032	76	-6.68	<.0001	<.0001	0.05	-0.8953	-0.4842	-1.0688	-0.3107
Dry	1/4-inch	3	Wet	1/4-inch	1	-0.05323	0.1032	76	-0.52	0.6076	1.0000	0.05	-0.2588	0.1524	-0.4322	0.3258
Dry	1/4-inch	3	Wet	1/4-inch	2	-0.3362	0.1032	76	-3.26	0.0017	0.1473	0.05	-0.5418	-0.1306	-0.7152	0.04283
Dry	1/4-inch	3	Wet	1/4-inch	3	-0.3469	0.1032	76	-3.36	0.0012	0.1144	0.05	-0.5525	-0.1413	-0.7260	0.03207
Dry	1/4-inch	3	Wet	1/4-inch	4	-0.1700	0.1032	76	-1.65	0.1037	0.9812	0.05	-0.3756	0.03558	-0.5490	0.2090
Dry	1/4-inch	3	Wet	1/4-inch	5	-0.1124	0.1032	76	-1.09	0.2796	0.9999	0.05	-0.3180	0.09318	-0.4914	0.2666
Dry	1/4-inch	3	Wet	1/8-inch	1	-0.5105	0.1032	76	-4.95	<.0001	0.0007	0.05	-0.7160	-0.3049	-0.8895	-0.1314
Dry	1/4-inch	3	Wet	1/8-inch	2	-0.6224	0.1032	76	-6.03	<.0001	<.0001	0.05	-0.8280	-0.4169	-1.0015	-0.2434
Dry	1/4-inch	3	Wet	1/8-inch	3	-0.3432	0.1032	76	-3.33	0.0014	0.1250	0.05	-0.5488	-0.1376	-0.7222	0.03578
Dry	1/4-inch	3	Wet	1/8-inch	4	-0.03627	0.1032	76	-0.35	0.7263	1.0000	0.05	-0.2419	0.1693	-0.4153	0.3427
Dry	1/4-inch	3	Wet	1/8-inch	5	0.03608	0.1032	76	0.35	0.7277	1.0000	0.05	-0.1695	0.2417	-0.3429	0.4151
Dry	1/4-inch	4	Dry	1/4-inch	5	-0.3387	0.1137	76	-2.98	0.0039	0.2703	0.05	-0.5653	-0.1122	-0.7563	0.07885
Dry	1/4-inch	4	Dry	1/8-inch	1	-0.4949	0.1032	76	-4.79	<.0001	0.0013	0.05	-0.7005	-0.2893	-0.8739	-0.1159
Dry	1/4-inch	4	Dry	1/8-inch	2	-0.4943	0.1032	76	-4.79	<.0001	0.0013	0.05	-0.6999	-0.2887	-0.8733	-0.1153
Dry	1/4-inch	4	Dry	1/8-inch	3	-0.2894	0.1032	76	-2.80	0.0064	0.3741	0.05	-0.4950	-0.08382	-0.6684	0.08960
Dry	1/4-inch	4	Dry	1/8-inch	4	-0.1184	0.1032	76	-1.15	0.2551	0.9998	0.05	-0.3240	0.08721	-0.4974	0.2606
Dry	1/4-inch	4	Dry	1/8-inch	5	-0.5700	0.1032	76	-5.52	<.0001	<.0001	0.05	-0.7756	-0.3645	-0.9491	-0.1910
Dry	1/4-inch	4	Wet	1/4-inch	1	0.06648	0.1032	76	0.64	0.5215	1.0000	0.05	-0.1391	0.2721	-0.3125	0.4455
Dry	1/4-inch	4	Wet	1/4-inch	2	-0.2165	0.1032	76	-2.10	0.0393	0.8478	0.05	-0.4221	-0.01088	-0.5955	0.1625
Dry	1/4-inch	4	Wet	1/4-inch	3	-0.2272	0.1032	76	-2.20	0.0308	0.7904	0.05	-0.4328	-0.02164	-0.6062	0.1518
Dry	1/4-inch	4	Wet	1/4-inch	4	-0.05030	0.1032	76	-0.49	0.6274	1.0000	0.05	-0.2559	0.1553	-0.4293	0.3287
Dry	1/4-inch	4	Wet	1/4-inch	5	0.007297	0.1032	76	0.07	0.9438	1.0000	0.05	-0.1983	0.2129	-0.3717	0.3863
Dry	1/4-inch	4	Wet	1/8-inch	1	-0.3907	0.1032	76	-3.79	0.0003	0.0360	0.05	-0.5963	-0.1852	-0.7698	-0.01173
Dry	1/4-inch	4	Wet	1/8-inch	2	-0.5027	0.1032	76	-4.87	<.0001	0.0009	0.05	-0.7083	-0.2971	-0.8817	-0.1237
Dry	1/4-inch	4	Wet	1/8-inch	3	-0.2235	0.1032	76	-2.17	0.0335	0.8113	0.05	-0.4291	-0.01793	-0.6025	0.1555
Dry	1/4-inch	4	Wet	1/8-inch	4	0.08345	0.1032	76	0.81	0.4214	1.0000	0.05	-0.1221	0.2890	-0.2956	0.4625
Dry	1/4-inch	4	Wet	1/8-inch	5	0.1558	0.1032	76	1.51	0.1354	0.9927	0.05	-0.04980	0.3614	-0.2232	0.5348
Dry	1/4-inch	5	Dry	1/8-inch	1	-0.1561	0.1032	76	-1.51	0.1346	0.9925	0.05	-0.3617	0.04948	-0.5351	0.2229
Dry	1/4-inch	5	Dry	1/8-inch	2	-0.1556	0.1032	76	-1.51	0.1359	0.9928	0.05	-0.3612	0.05001	-0.5346	0.2234
Dry	1/4-inch	5	Dry	1/8-inch	3	0.04934	0.1032	76	0.48	0.6340	1.0000	0.05	-0.1563	0.2549	-0.3297	0.4284
Dry	1/4-inch	5	Dry	1/8-inch	4	0.2204	0.1032	76	2.13	0.0360	0.8281	0.05	0.01478	0.4260	-0.1586	0.5994
Dry	1/4-inch	5	Dry	1/8-inch	5	-0.2313	0.1032	76	-2.24	0.0280	0.7664	0.05	-0.4369	-0.02570	-0.6103	0.1477
Dry	1/4-inch	5	Wet	1/4-inch	1	0.4052	0.1032	76	3.93	0.0002	0.0236	0.05	0.1996	0.6108	0.02621	0.7842
Dry	1/4-inch	5	Wet	1/4-inch	2	0.1223	0.1032	76	1.18	0.2399	0.9997	0.05	-0.08331	0.3279	-0.2567	0.5013
Dry	1/4-inch	5	Wet	1/4-inch	3	0.1115	0.1032	76	1.08	0.2834	0.9999	0.05	-0.09407	0.3171	-0.2675	0.4905
Dry	1/4-inch	5	Wet	1/4-inch	4	0.2884	0.1032	76	2.79	0.0066	0.3802	0.05	0.08286	0.4940	-0.09056	0.6675

Differences of Inocula*Thickne*Week Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer																
Inoculation_Method	Thickness	Week	_Inoculation_Method	_Thickness	_Week	Estimate	Standard Error	DF	t Value	Pr > t	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
Dry	1/4-inch	5	Wet	1/4-inch	5	0.3460	0.1032	76	3.35	0.0013	0.1169	0.05	0.1405	0.5516	-0.03297	0.7251
Dry	1/4-inch	5	Wet	1/8-inch	1	-0.05199	0.1032	76	-0.50	0.6159	1.0000	0.05	-0.2576	0.1536	-0.4310	0.3270
Dry	1/4-inch	5	Wet	1/8-inch	2	-0.1640	0.1032	76	-1.59	0.1163	0.9871	0.05	-0.3696	0.04161	-0.5430	0.2150
Dry	1/4-inch	5	Wet	1/8-inch	3	0.1152	0.1032	76	1.12	0.2678	0.9999	0.05	-0.09036	0.3208	-0.2638	0.4942
Dry	1/4-inch	5	Wet	1/8-inch	4	0.4222	0.1032	76	4.09	0.0001	0.0141	0.05	0.2166	0.6278	0.04318	0.8012
Dry	1/4-inch	5	Wet	1/8-inch	5	0.4945	0.1032	76	4.79	<.0001	0.0013	0.05	0.2889	0.7001	0.1155	0.8736
Dry	1/8-inch	1	Dry	1/8-inch	2	0.000528	0.1137	76	0.00	0.9963	1.0000	0.05	-0.2260	0.2271	-0.4171	0.4181
Dry	1/8-inch	1	Dry	1/8-inch	3	0.2055	0.1008	76	2.04	0.0451	0.8761	0.05	0.004626	0.4063	-0.1648	0.5757
Dry	1/8-inch	1	Dry	1/8-inch	4	0.3765	0.1037	76	3.63	0.0005	0.0563	0.05	0.1699	0.5831	-0.00438	0.7573
Dry	1/8-inch	1	Dry	1/8-inch	5	-0.07518	0.1031	76	-0.73	0.4682	1.0000	0.05	-0.2806	0.1302	-0.4538	0.3034
Dry	1/8-inch	1	Wet	1/4-inch	1	0.5613	0.1032	76	5.44	<.0001	0.0001	0.05	0.3557	0.7669	0.1823	0.9404
Dry	1/8-inch	1	Wet	1/4-inch	2	0.2784	0.1032	76	2.70	0.0086	0.4459	0.05	0.07280	0.4840	-0.1006	0.6574
Dry	1/8-inch	1	Wet	1/4-inch	3	0.2676	0.1032	76	2.59	0.0114	0.5201	0.05	0.06204	0.4732	-0.1114	0.6466
Dry	1/8-inch	1	Wet	1/4-inch	4	0.4446	0.1032	76	4.31	<.0001	0.0069	0.05	0.2390	0.6502	0.06555	0.8236
Dry	1/8-inch	1	Wet	1/4-inch	5	0.5022	0.1032	76	4.86	<.0001	0.0010	0.05	0.2966	0.7078	0.1231	0.8812
Dry	1/8-inch	1	Wet	1/8-inch	1	0.1041	0.1032	76	1.01	0.3163	1.0000	0.05	-0.1015	0.3097	-0.2749	0.4831
Dry	1/8-inch	1	Wet	1/8-inch	2	-0.00787	0.1032	76	-0.08	0.9394	1.0000	0.05	-0.2135	0.1977	-0.3869	0.3711
Dry	1/8-inch	1	Wet	1/8-inch	3	0.2713	0.1032	76	2.63	0.0104	0.4942	0.05	0.06576	0.4769	-0.1077	0.6504
Dry	1/8-inch	1	Wet	1/8-inch	4	0.5783	0.1032	76	5.60	<.0001	<.0001	0.05	0.3727	0.7839	0.1993	0.9573
Dry	1/8-inch	1	Wet	1/8-inch	5	0.6507	0.1032	76	6.30	<.0001	<.0001	0.05	0.4451	0.8562	0.2716	1.0297
Dry	1/8-inch	2	Dry	1/8-inch	3	0.2049	0.1137	76	1.80	0.0755	0.9550	0.05	-0.02160	0.4314	-0.2127	0.6225
Dry	1/8-inch	2	Dry	1/8-inch	4	0.3760	0.1008	76	3.73	0.0004	0.0425	0.05	0.1751	0.5768	0.005724	0.7462
Dry	1/8-inch	2	Dry	1/8-inch	5	-0.07571	0.1037	76	-0.73	0.4677	1.0000	0.05	-0.2823	0.1309	-0.4566	0.3052
Dry	1/8-inch	2	Wet	1/4-inch	1	0.5608	0.1032	76	5.43	<.0001	0.0001	0.05	0.3552	0.7664	0.1818	0.9398
Dry	1/8-inch	2	Wet	1/4-inch	2	0.2779	0.1032	76	2.69	0.0087	0.4495	0.05	0.07227	0.4835	-0.1011	0.6569
Dry	1/8-inch	2	Wet	1/4-inch	3	0.2671	0.1032	76	2.59	0.0116	0.5238	0.05	0.06151	0.4727	-0.1119	0.6461
Dry	1/8-inch	2	Wet	1/4-inch	4	0.4440	0.1032	76	4.30	<.0001	0.0071	0.05	0.2384	0.6496	0.06502	0.8230
Dry	1/8-inch	2	Wet	1/4-inch	5	0.5016	0.1032	76	4.86	<.0001	0.0010	0.05	0.2960	0.7072	0.1226	0.8806
Dry	1/8-inch	2	Wet	1/8-inch	1	0.1036	0.1032	76	1.00	0.3188	1.0000	0.05	-0.1020	0.3092	-0.2754	0.4826
Dry	1/8-inch	2	Wet	1/8-inch	2	-0.00840	0.1032	76	-0.08	0.9354	1.0000	0.05	-0.2140	0.1972	-0.3874	0.3706
Dry	1/8-inch	2	Wet	1/8-inch	3	0.2708	0.1032	76	2.62	0.0105	0.4978	0.05	0.06523	0.4764	-0.1082	0.6498
Dry	1/8-inch	2	Wet	1/8-inch	4	0.5778	0.1032	76	5.60	<.0001	<.0001	0.05	0.3722	0.7834	0.1988	0.9568
Dry	1/8-inch	2	Wet	1/8-inch	5	0.6501	0.1032	76	6.30	<.0001	<.0001	0.05	0.4445	0.8557	0.2711	1.0291
Dry	1/8-inch	3	Dry	1/8-inch	4	0.1710	0.1137	76	1.50	0.1368	0.9930	0.05	-0.05549	0.3976	-0.2466	0.5886
Dry	1/8-inch	3	Dry	1/8-inch	5	-0.2806	0.1008	76	-2.78	0.0068	0.3875	0.05	-0.4815	-0.07981	-0.6509	0.08960
Dry	1/8-inch	3	Wet	1/4-inch	1	0.3559	0.1032	76	3.45	0.0009	0.0918	0.05	0.1503	0.5615	-0.02313	0.7349
Dry	1/8-inch	3	Wet	1/4-inch	2	0.07294	0.1032	76	0.71	0.4820	1.0000	0.05	-0.1327	0.2785	-0.3061	0.4519
Dry	1/8-inch	3	Wet	1/4-inch	3	0.06218	0.1032	76	0.60	0.5487	1.0000	0.05	-0.1434	0.2678	-0.3168	0.4412
Dry	1/8-inch	3	Wet	1/4-inch	4	0.2391	0.1032	76	2.32	0.0232	0.7173	0.05	0.03351	0.4447	-0.1399	0.6181
Dry	1/8-inch	3	Wet	1/4-inch	5	0.2967	0.1032	76	2.87	0.0052	0.3298	0.05	0.09111	0.5023	-0.08231	0.6757
Dry	1/8-inch	3	Wet	1/8-inch	1	-0.1013	0.1032	76	-0.98	0.3294	1.0000	0.05	-0.3069	0.1043	-0.4803	0.2777
Dry	1/8-inch	3	Wet	1/8-inch	2	-0.2133	0.1032	76	-2.07	0.0422	0.8627	0.05	-0.4189	-0.00773	-0.5923	0.1657
Dry	1/8-inch	3	Wet	1/8-inch	3	0.06589	0.1032	76	0.64	0.5252	1.0000	0.05	-0.1397	0.2715	-0.3131	0.4449
Dry	1/8-inch	3	Wet	1/8-inch	4	0.3729	0.1032	76	3.61	0.0005	0.0591	0.05	0.1673	0.5784	-0.00616	0.7519
Dry	1/8-inch	3	Wet	1/8-inch	5	0.4452	0.1032	76	4.31	<.0001	0.0068	0.05	0.2396	0.6508	0.06619	0.8242
Dry	1/8-inch	4	Dry	1/8-inch	5	-0.4517	0.1137	76	-3.97	0.0002	0.0205	0.05	-0.6782	-0.2251	-0.8693	-0.03407
Dry	1/8-inch	4	Wet	1/4-inch	1	0.1849	0.1032	76	1.79	0.0773	0.9575	0.05	-0.02074	0.3904	-0.1942	0.5639
Dry	1/8-inch	4	Wet	1/4-inch	2	-0.09809	0.1032	76	-0.95	0.3450	1.0000	0.05	-0.3037	0.1075	-0.4771	0.2809
Dry	1/8-inch	4	Wet	1/4-inch	3	-0.1089	0.1032	76	-1.05	0.2950	0.9999	0.05	-0.3144	0.09674	-0.4879	0.2702
Dry	1/8-inch	4	Wet	1/4-inch	4	0.06808	0.1032	76	0.66	0.5116	1.0000	0.05	-0.1375	0.2737	-0.3109	0.4471
Dry	1/8-inch	4	Wet	1/4-inch	5	0.1257	0.1032	76	1.22	0.2272	0.9995	0.05	-0.07992	0.3313	-0.2533	0.5047
Dry	1/8-inch	4	Wet	1/8-inch	1	-0.2724	0.1032	76	-2.64	0.0101	0.4871	0.05	-0.4780	-0.06677	-0.6514	0.1066
Dry	1/8-inch	4	Wet	1/8-inch	2	-0.3844	0.1032	76	-3.72	0.0004	0.0431	0.05	-0.5899	-0.1788	-0.7634	-0.00534
Dry	1/8-inch	4	Wet	1/8-inch	3	-0.1051	0.1032	76	-1.02	0.3117	1.0000	0.05	-0.3107	0.1005	-0.4841	0.2739
Dry	1/8-inch	4	Wet	1/8-inch	4	0.2018	0.1032	76	1.96	0.0542	0.9097	0.05	-0.00377	0.4074	-0.1772	0.5808
Dry	1/8-inch	4	Wet	1/8-inch	5	0.2742	0.1032	76	2.66	0.0096	0.4746	0.05	0.06858	0.4798	-0.1048	0.6532
Dry	1/8-inch	5	Wet	1/4-inch	1	0.6365	0.1032	76	6.17	<.0001	<.0001	0.05	0.4309	0.8421	0.2575	1.0155
Dry	1/8-inch	5	Wet	1/4-inch	2	0.3536	0.1032	76	3.43	0.0010	0.0972	0.05	0.1480	0.5592	-0.02544	0.7326
Dry	1/8-inch	5	Wet	1/4-inch	3	0.3428	0.1032	76	3.32	0.0014	0.1262	0.05	0.1372	0.5484	-0.03620	0.7218
Dry	1/8-inch	5	Wet	1/4-inch	4	0.5197	0.1032	76	5.04	<.0001	0.0005	0.05	0.3142	0.7253	0.1407	0.8988
Dry	1/8-inch	5	Wet	1/4-inch	5	0.5773	0.1032	76	5.59	<.0001	<.0001	0.05	0.3717	0.7829	0.1983	0.9564
Dry	1/8-inch	5	Wet	1/8-inch	1	0.1793	0.1032	76	1.74	0.0864	0.9681	0.05	-0.02629	0.3849	-0.1997	0.5583
Dry	1/8-inch	5	Wet	1/8-inch	2	0.06731	0.1032	76	0.65	0.5163	1.0000	0.05	-0.1383	0.2729	-0.3117	0.4463

Differences of Inocula*Thickne*Week Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer																
Inoculation_Method	Thickness	Week	_Inoculation_Method	_Thickness	_Week	Estimate	Standard Error	DF	t Value	Pr > t	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
Dry	1/8-inch	5	Wet	1/8-inch	3	0.3465	0.1032	76	3.36	0.0012	0.1155	0.05	0.1409	0.5521	-0.03248	0.7255
Dry	1/8-inch	5	Wet	1/8-inch	4	0.6535	0.1032	76	6.33	<.0001	<.0001	0.05	0.4479	0.8591	0.2745	1.0325
Dry	1/8-inch	5	Wet	1/8-inch	5	0.7258	0.1032	76	7.03	<.0001	<.0001	0.05	0.5202	0.9314	0.3468	1.1048
Wet	1/4-inch	1	Wet	1/4-inch	2	-0.2829	0.1137	76	-2.49	0.0150	0.5964	0.05	-0.5095	-0.05642	-0.7005	0.1347
Wet	1/4-inch	1	Wet	1/4-inch	3	-0.2937	0.1008	76	-2.91	0.0047	0.3070	0.05	-0.4945	-0.09288	-0.6639	0.07653
Wet	1/4-inch	1	Wet	1/4-inch	4	-0.1168	0.1037	76	-1.13	0.2638	0.9998	0.05	-0.3234	0.08982	-0.4976	0.2641
Wet	1/4-inch	1	Wet	1/4-inch	5	-0.05918	0.1031	76	-0.57	0.5677	1.0000	0.05	-0.2646	0.1462	-0.4378	0.3194
Wet	1/4-inch	1	Wet	1/8-inch	1	-0.4572	0.1032	76	-4.43	<.0001	0.0046	0.05	-0.6628	-0.2516	-0.8362	-0.07821
Wet	1/4-inch	1	Wet	1/8-inch	2	-0.5692	0.1032	76	-5.51	<.0001	<.0001	0.05	-0.7748	-0.3636	-0.9482	-0.1902
Wet	1/4-inch	1	Wet	1/8-inch	3	-0.2900	0.1032	76	-2.81	0.0063	0.3705	0.05	-0.4956	-0.08440	-0.6690	0.08902
Wet	1/4-inch	1	Wet	1/8-inch	4	0.01697	0.1032	76	0.16	0.8699	1.0000	0.05	-0.1886	0.2226	-0.3620	0.3960
Wet	1/4-inch	1	Wet	1/8-inch	5	0.08932	0.1032	76	0.87	0.3896	1.0000	0.05	-0.1163	0.2949	-0.2897	0.4683
Wet	1/4-inch	2	Wet	1/4-inch	3	-0.01076	0.1137	76	-0.09	0.9249	1.0000	0.05	-0.2373	0.2158	-0.4284	0.4068
Wet	1/4-inch	2	Wet	1/4-inch	4	0.1662	0.1008	76	1.65	0.1035	0.9811	0.05	-0.03466	0.3670	-0.2041	0.5364
Wet	1/4-inch	2	Wet	1/4-inch	5	0.2238	0.1037	76	2.16	0.0341	0.8158	0.05	0.01717	0.4304	-0.1571	0.6046
Wet	1/4-inch	2	Wet	1/8-inch	1	-0.1743	0.1032	76	-1.69	0.0955	0.9758	0.05	-0.3799	0.03132	-0.5533	0.2047
Wet	1/4-inch	2	Wet	1/8-inch	2	-0.2863	0.1032	76	-2.77	0.0070	0.3941	0.05	-0.4919	-0.08067	-0.6653	0.09275
Wet	1/4-inch	2	Wet	1/8-inch	3	-0.00705	0.1032	76	-0.07	0.9458	1.0000	0.05	-0.2126	0.1985	-0.3861	0.3720
Wet	1/4-inch	2	Wet	1/8-inch	4	0.2999	0.1032	76	2.91	0.0048	0.3113	0.05	0.09432	0.5055	-0.07910	0.6789
Wet	1/4-inch	2	Wet	1/8-inch	5	0.3723	0.1032	76	3.61	0.0006	0.0600	0.05	0.1667	0.5779	-0.00675	0.7513
Wet	1/4-inch	3	Wet	1/4-inch	4	0.1769	0.1137	76	1.56	0.1240	0.9897	0.05	-0.04959	0.4034	-0.2407	0.5945
Wet	1/4-inch	3	Wet	1/4-inch	5	0.2345	0.1008	76	2.33	0.0227	0.7109	0.05	0.03370	0.4354	-0.1357	0.6048
Wet	1/4-inch	3	Wet	1/8-inch	1	-0.1635	0.1032	76	-1.58	0.1173	0.9875	0.05	-0.3691	0.04208	-0.5425	0.2155
Wet	1/4-inch	3	Wet	1/8-inch	2	-0.2755	0.1032	76	-2.67	0.0093	0.4655	0.05	-0.4811	-0.06991	-0.6545	0.1035
Wet	1/4-inch	3	Wet	1/8-inch	3	0.003713	0.1032	76	0.04	0.9714	1.0000	0.05	-0.2019	0.2093	-0.3753	0.3827
Wet	1/4-inch	3	Wet	1/8-inch	4	0.3107	0.1032	76	3.01	0.0035	0.2538	0.05	0.1051	0.5163	-0.06834	0.6897
Wet	1/4-inch	3	Wet	1/8-inch	5	0.3830	0.1032	76	3.71	0.0004	0.0448	0.05	0.1774	0.5886	0.004011	0.7620
Wet	1/4-inch	4	Wet	1/4-inch	5	0.05760	0.1137	76	0.51	0.6140	1.0000	0.05	-0.1689	0.2841	-0.3600	0.4752
Wet	1/4-inch	4	Wet	1/8-inch	1	-0.3404	0.1032	76	-3.30	0.0015	0.1335	0.05	-0.5460	-0.1348	-0.7195	0.03857
Wet	1/4-inch	4	Wet	1/8-inch	2	-0.4524	0.1032	76	-4.38	<.0001	0.0054	0.05	-0.6580	-0.2468	-0.8314	-0.07342
Wet	1/4-inch	4	Wet	1/8-inch	3	-0.1732	0.1032	76	-1.68	0.0975	0.9772	0.05	-0.3788	0.03238	-0.5522	0.2058
Wet	1/4-inch	4	Wet	1/8-inch	4	0.1337	0.1032	76	1.30	0.1990	0.9989	0.05	-0.07184	0.3393	-0.2453	0.5128
Wet	1/4-inch	4	Wet	1/8-inch	5	0.2061	0.1032	76	2.00	0.0495	0.8937	0.05	0.000503	0.4117	-0.1729	0.5851
Wet	1/4-inch	5	Wet	1/8-inch	1	-0.3980	0.1032	76	-3.86	0.0002	0.0292	0.05	-0.6036	-0.1924	-0.7771	-0.01903
Wet	1/4-inch	5	Wet	1/8-inch	2	-0.5100	0.1032	76	-4.94	<.0001	0.0007	0.05	-0.7156	-0.3044	-0.8890	-0.1310
Wet	1/4-inch	5	Wet	1/8-inch	3	-0.2308	0.1032	76	-2.24	0.0283	0.7693	0.05	-0.4364	-0.02522	-0.6098	0.1482
Wet	1/4-inch	5	Wet	1/8-inch	4	0.07615	0.1032	76	0.74	0.4630	1.0000	0.05	-0.1294	0.2817	-0.3029	0.4552
Wet	1/4-inch	5	Wet	1/8-inch	5	0.1485	0.1032	76	1.44	0.1544	0.9958	0.05	-0.05710	0.3541	-0.2305	0.5275
Wet	1/8-inch	1	Wet	1/8-inch	2	-0.1120	0.1137	76	-0.98	0.3279	1.0000	0.05	-0.3385	0.1145	-0.5296	0.3056
Wet	1/8-inch	1	Wet	1/8-inch	3	0.1672	0.1008	76	1.66	0.1014	0.9798	0.05	-0.03360	0.3681	-0.2030	0.5375
Wet	1/8-inch	1	Wet	1/8-inch	4	0.4742	0.1037	76	4.57	<.0001	0.0028	0.05	0.2676	0.6808	0.09332	0.8551
Wet	1/8-inch	1	Wet	1/8-inch	5	0.5465	0.1031	76	5.30	<.0001	0.0002	0.05	0.3412	0.7519	0.1679	0.9251
Wet	1/8-inch	2	Wet	1/8-inch	3	0.2792	0.1137	76	2.45	0.0164	0.6202	0.05	0.05269	0.5057	-0.1384	0.6968
Wet	1/8-inch	2	Wet	1/8-inch	4	0.5862	0.1008	76	5.81	<.0001	<.0001	0.05	0.3853	0.7870	0.2159	0.9564
Wet	1/8-inch	2	Wet	1/8-inch	5	0.6585	0.1037	76	6.35	<.0001	<.0001	0.05	0.4519	0.8651	0.2777	1.0394
Wet	1/8-inch	3	Wet	1/8-inch	4	0.3070	0.1137	76	2.70	0.0086	0.4445	0.05	0.08044	0.5335	-0.1106	0.7246
Wet	1/8-inch	3	Wet	1/8-inch	5	0.3793	0.1008	76	3.76	0.0003	0.0386	0.05	0.1785	0.5801	0.009077	0.7495
Wet	1/8-inch	4	Wet	1/8-inch	5	0.07235	0.1137	76	0.64	0.5266	1.0000	0.05	-0.1542	0.2989	-0.3452	0.4899