

		Lacombe		Lethbridge		Vauxhall	
		Correlation	P-Value	Correlation	P-Value	Correlation	P-Value
NDF	DMD	-0.271	0.008	-0.457	<0.001	-0.670	<0.001
NDF	NDFD	-0.207	0.044	-0.141	0.179	-0.455	<0.001
DMD	NDFD	0.656	<0.001	0.234	0.024	0.779	<0.001
NDF	CP	0.028	0.790	-0.029	0.783	0.063	0.544
DMD	CP	-0.374	<0.001	-0.113	0.279	-0.250	0.015
NDFD	CP	-0.042	0.687	0.029	0.780	-0.017	0.870
NDF	ADF	0.726	<0.001	0.795	<0.001	0.855	<0.001
DMD	ADF	-0.230	0.025	-0.387	<0.001	-0.727	<0.001
NDFD	ADF	-0.176	0.088	-0.371	<0.001	-0.553	<0.001
CP	ADF	-0.115	0.265	0.092	0.381	0.056	0.587
NDF	ADL	0.539	<0.001	0.427	<0.001	0.774	<0.001
DMD	ADL	-0.416	<0.001	0.023	0.825	-0.760	<0.001
NDFD	ADL	-0.200	0.052	-0.478	<0.001	-0.649	<0.001
CP	ADL	0.197	0.056	-0.070	0.505	0.116	0.264
ADF	ADL	0.748	<0.001	0.616	<0.001	0.910	<0.001
NDF	Starch	-0.533	<0.001	-0.538	<0.001	-0.610	<0.001
DMD	Starch	0.119	0.251	0.339	<0.001	0.758	<0.001
NDFD	Starch	0.126	0.225	0.043	0.683	0.465	<0.001
CP	Starch	0.256	0.012	0.053	0.613	-0.292	0.004
ADF	Starch	-0.882	<0.001	-0.742	<0.001	-0.786	<0.001
ADL	Starch	-0.498	<0.001	-0.342	<0.001	-0.657	<0.001
NDF	Kernel DM	-0.242	0.018	0.433	<0.001	0.159	0.124
DMD	Kernel DM	0.181	0.079	-0.160	0.126	0.057	0.581
NDFD	Kernel DM	0.096	0.354	-0.108	0.304	0.019	0.858
CP	Kernel DM	0.045	0.666	-0.258	0.012	-0.400	<0.001
ADF	Kernel DM	-0.599	<0.001	0.245	0.018	0.126	0.222
ADL	Kernel DM	-0.364	<0.001	0.226	0.029	0.159	0.123
Starch	Kernel DM	0.759	<0.001	-0.056	0.596	0.264	0.010
NDF	Kernel hardness	-0.319	0.002	-0.015	0.887	0.351	<0.001
DMD	Kernel hardness	0.151	0.145	-0.144	0.169	-0.663	<0.001
NDFD	Kernel hardness	0.159	0.124	0.212	0.042	-0.316	0.002
CP	Kernel hardness	0.322	0.001	0.278	0.007	0.418	<0.001
ADF	Kernel hardness	-0.609	<0.001	-0.130	0.214	0.394	<0.001
ADL	Kernel hardness	-0.367	<0.001	-0.306	0.003	0.433	<0.001
Starch	Kernel hardness	0.754	<0.001	0.134	0.200	-0.518	<0.001
Kernel DM	Kernel hardness	0.767	<0.001	0.272	0.008	-0.016	0.879
NDF	Kernel density	-0.634	<0.001	0.122	0.246	0.093	0.368
DMD	Kernel density	-0.114	0.270	-0.368	<0.001	-0.292	0.004
NDFD	Kernel density	0.189	0.067	0.148	0.156	-0.211	0.040
CP	Kernel density	0.391	<0.001	0.049	0.644	0.220	0.032
ADF	Kernel density	-0.665	<0.001	-0.115	0.271	0.095	0.359
ADL	Kernel density	-0.261	0.011	-0.397	<0.001	0.167	0.107
Starch	Kernel density	0.699	<0.001	0.061	0.563	-0.169	0.101

Kernel DM	Kernel density	0.519	<0.001	0.421	<0.001	0.059	0.569
Kernel hardness	Kernel density	0.565	<0.001	0.524	<0.001	0.189	0.066
NDF	Kernel stage	-0.051	0.623	-0.365	<0.001	0.041	0.693
DMD	Kernel stage	0.198	0.054	0.012	0.908	-0.416	<0.001
NDFD	Kernel stage	0.027	0.798	0.484	<0.001	-0.247	0.016
CP	Kernel stage	0.004	0.971	-0.103	0.324	-0.098	0.343
ADF	Kernel stage	-0.472	<0.001	-0.375	<0.001	0.231	0.024
ADL	Kernel stage	-0.349	<0.001	-0.243	0.019	0.290	0.004
Starch	Kernel stage	0.625	<0.001	-0.057	0.585	-0.291	0.004
Kernel DM	Kernel stage	0.880	<0.001	-0.239	0.021	0.100	0.334
Kernel hardness	Kernel stage	0.664	<0.001	-0.056	0.592	0.320	0.002
Kernel density	Kernel stage	0.254	0.013	-0.105	0.317	0.099	0.341
NDF	Whole plant DM	0.237	0.021	0.491	<0.001	-0.014	0.892
DMD	Whole plant DM	0.243	0.018	-0.005	0.966	0.371	<0.001
NDFD	Whole plant DM	-0.081	0.435	-0.183	0.079	0.165	0.111
CP	Whole plant DM	-0.420	<0.001	-0.370	<0.001	-0.617	<0.001
ADF	Whole plant DM	-0.072	0.490	0.260	0.012	-0.047	0.650
ADL	Whole plant DM	-0.035	0.737	0.412	<0.001	-0.054	0.603
Starch	Whole plant DM	0.237	0.021	0.039	0.710	0.441	<0.001
Kernel DM	Whole plant DM	0.584	<0.001	0.770	<0.001	0.788	<0.001
Kernel hardness	Whole plant DM	0.286	0.005	0.019	0.857	-0.361	<0.001
Kernel density	Whole plant DM	-0.207	0.044	0.114	0.276	-0.244	0.017
Kernel stage	Whole plant DM	0.614	<0.001	-0.267	0.010	-0.068	0.515
NDF	Cob DM	-0.206	0.046	-	-	-	-
DMD	Cob DM	0.068	0.510	-	-	-	-
NDFD	Cob DM	0.028	0.784	-	-	-	-
CP	Cob DM	0.087	0.403	-	-	-	-
ADF	Cob DM	-0.536	<0.001	-	-	-	-
ADL	Cob DM	-0.224	0.029	-	-	-	-
Starch	Cob DM	0.696	<0.001	-	-	-	-
Kernel DM	Cob DM	0.721	<0.001	-	-	-	-
Kernel hardness	Cob DM	0.609	<0.001	-	-	-	-
Kernel density	Cob DM	0.416	<0.001	-	-	-	-
Kernel stage	Cob DM	0.679	<0.001	-	-	-	-
Whole plant DM	Cob DM	0.482	<0.001	-	-	-	-
NDF	Yield	0.516	<0.001	-0.583	<0.001	0.098	0.345
DMD	Yield	0.315	0.002	0.206	0.048	-0.259	0.011
NDFD	Yield	-0.205	0.046	0.083	0.428	-0.349	<0.001
CP	Yield	-0.362	<0.001	0.050	0.634	-0.132	0.203
ADF	Yield	0.341	<0.001	-0.406	<0.001	0.133	0.199
ADL	Yield	0.022	0.830	-0.189	0.069	0.273	0.007
Starch	Yield	-0.311	0.002	0.158	0.130	-0.058	0.578
Kernel DM	Yield	0.027	0.794	-0.732	<0.001	-0.202	0.050
Kernel hardness	Yield	-0.139	0.179	-0.321	0.002	-0.042	0.686
Kernel density	Yield	-0.748	<0.001	-0.349	<0.001	0.153	0.140

Kernel stage	Yield	0.227	0.027	0.311	0.002	0.222	0.031
Whole plant DM	Yield	0.565	<0.001	-0.645	<0.001	-0.108	0.300
Cob DM	Yield	-0.029	0.780		<0.001		