

Appendix Table 2 Pod fresh weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	3 days	6 days	9 days	12 days	15 days	18 days
Berken	0.118 $\pm$ 0.04	0.815 $\pm$ 0.08	2.234 $\pm$ 0.38	2.919 $\pm$ 0.37	3.109 $\pm$ 0.24	1.137 $\pm$ 0.11
N531	0.195 $\pm$ 0.04	1.177 $\pm$ 0.25	2.716 $\pm$ 0.37	3.709 $\pm$ 0.31	3.801 $\pm$ 0.30	1.234 $\pm$ 0.12
N541	0.151 $\pm$ 0.03	1.096 $\pm$ 0.23	2.875 $\pm$ 0.33	3.539 $\pm$ 0.60	3.297 $\pm$ 0.25	1.163 $\pm$ 0.13
Opaque	0.107 $\pm$ 0.02	0.609 $\pm$ 0.16	1.678 $\pm$ 0.31	2.115 $\pm$ 0.30	0.236 $\pm$ 0.07	-
OP531	0.161 $\pm$ 0.03	1.076 $\pm$ 0.22	2.473 $\pm$ 0.21	2.462 $\pm$ 0.64	0.258 $\pm$ 0.12	-
OP541	0.160 $\pm$ 0.03	0.878 $\pm$ 0.14	2.319 $\pm$ 0.35	2.271 $\pm$ 0.45	0.276 $\pm$ 0.07	-

Appendix Table 3 Pod wall fresh weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	3 days	6 days	9 days	12 days	15 days	18 days
Berken	0.111 $\pm$ 0.04	0.721 $\pm$ 0.07	1.346 $\pm$ 0.10	1.513 $\pm$ 0.29	1.229 $\pm$ 0.39	0.244 $\pm$ 0.04
N531	0.186 $\pm$ 0.04	1.065 $\pm$ 0.23	1.929 $\pm$ 0.11	2.198 $\pm$ 0.29	1.767 $\pm$ 0.88	0.347 $\pm$ 0.04
N541	0.145 $\pm$ 0.03	0.984 $\pm$ 0.21	1.957 $\pm$ 0.19	2.039 $\pm$ 0.57	1.637 $\pm$ 0.10	0.309 $\pm$ 0.04
Opaque	0.102 $\pm$ 0.02	0.557 $\pm$ 0.14	1.382 $\pm$ 0.55	1.360 $\pm$ 0.26	0.148 $\pm$ 0.05	-
OP531	0.155 $\pm$ 0.03	0.991 $\pm$ 0.20	2.098 $\pm$ 0.17	1.757 $\pm$ 0.67	0.163 $\pm$ 0.06	-
OP541	0.153 $\pm$ 0.03	0.811 $\pm$ 0.13	1.971 $\pm$ 0.27	1.581 $\pm$ 0.46	0.172 $\pm$ 0.06	-

Appendix Table 4 Seeds fresh weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	3 days	6 days	9 days	12 days	15 days	18 days
Berken	0.008 $\pm$ 0.00	0.094 $\pm$ 0.01	0.782 $\pm$ 0.14	1.490 $\pm$ 0.21	1.762 $\pm$ 0.17	0.893 $\pm$ 0.08
N531	0.009 $\pm$ 0.01	0.112 $\pm$ 0.03	0.528 $\pm$ 0.07	1.542 $\pm$ 0.21	1.872 $\pm$ 0.20	0.887 $\pm$ 0.09
N541	0.006 $\pm$ 0.00	0.112 $\pm$ 0.05	0.928 $\pm$ 0.24	1.402 $\pm$ 0.40	1.656 $\pm$ 0.16	0.853 $\pm$ 0.10
Opaque	0.005 $\pm$ 0.00	0.052 $\pm$ 0.02	0.318 $\pm$ 0.06	0.538 $\pm$ 0.11	0.088 $\pm$ 0.03	-
OP531	0.006 $\pm$ 0.00	0.086 $\pm$ 0.02	0.376 $\pm$ 0.07	0.605 $\pm$ 0.14	0.095 $\pm$ 0.07	-
OP541	0.007 $\pm$ 0.00	0.067 $\pm$ 0.01	0.348 $\pm$ 0.09	0.563 $\pm$ 0.12	0.102 $\pm$ 0.04	-

Appendix Table 5 Seed coats fresh weight (g/pod) of opaque leaf mungbeant, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	6 days	9 days	12 days	15 days	18 days
Berken	0.057 $\pm$ 0.01	0.208 $\pm$ 0.03	0.429 $\pm$ 0.07	0.376 $\pm$ 0.06	0.103 $\pm$ 0.01
N531	0.067 $\pm$ 0.02	0.172 $\pm$ 0.02	0.467 $\pm$ 0.06	0.476 $\pm$ 0.06	0.117 $\pm$ 0.02
N541	0.064 $\pm$ 0.02	0.269 $\pm$ 0.08	0.431 $\pm$ 0.12	0.410 $\pm$ 0.08	0.105 $\pm$ 0.02
Opaque	0.038 $\pm$ 0.01	0.131 $\pm$ 0.02	0.194 $\pm$ 0.04	0.046 $\pm$ 0.01	-
OP531	0.059 $\pm$ 0.01	0.167 $\pm$ 0.02	0.220 $\pm$ 0.05	0.048 $\pm$ 0.01	-
OP541	0.041 $\pm$ 0.01	0.156 $\pm$ 0.03	0.209 $\pm$ 0.04	0.053 $\pm$ 0.01	-

Appendix Table 6 Cotyledons fresh weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	6 days	9 days	12 days	15 days	18 days
Berken	0.029 $\pm$ 0.01	0.551 $\pm$ 0.11	0.959 $\pm$ 0.17	1.344 $\pm$ 0.18	0.790 $\pm$ 0.14
N531	0.037 $\pm$ 0.01	0.336 $\pm$ 0.05	0.990 $\pm$ 0.15	1.325 $\pm$ 0.22	0.770 $\pm$ 0.17
N541	0.029 $\pm$ 0.01	0.624 $\pm$ 0.15	0.901 $\pm$ 0.27	1.187 $\pm$ 0.18	0.748 $\pm$ 0.14
Opaque	0.010 $\pm$ 0.01	0.175 $\pm$ 0.03	0.332 $\pm$ 0.08	0.097 $\pm$ 0.03	-
OP531	0.017 $\pm$ 0.01	0.192 $\pm$ 0.05	0.357 $\pm$ 0.09	0.095 $\pm$ 0.06	-
OP541	0.013 $\pm$ 0.00	0.177 $\pm$ 0.06	0.332 $\pm$ 0.08	0.105 $\pm$ 0.04	-

Appendix Table 7 Pod dry weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	3 days	6 days	9 days	12 days	15 days	18 days
Berken	0.016 $\pm$ 0.00	0.096 $\pm$ 0.01	0.306 $\pm$ 0.06	0.573 $\pm$ 0.11	0.991 $\pm$ 0.13	0.990 $\pm$ 0.10
N531	0.031 $\pm$ 0.01	0.140 $\pm$ 0.03	0.312 $\pm$ 0.04	0.663 $\pm$ 0.11	1.061 $\pm$ 0.18	1.043 $\pm$ 0.08
N541	0.023 $\pm$ 0.01	0.130 $\pm$ 0.03	0.418 $\pm$ 0.09	0.603 $\pm$ 0.15	0.962 $\pm$ 0.16	0.989 $\pm$ 0.14
Opaque	0.017 $\pm$ 0.00	0.074 $\pm$ 0.02	0.205 $\pm$ 0.03	0.275 $\pm$ 0.05	0.200 $\pm$ 0.03	-
OP531	0.027 $\pm$ 0.01	0.132 $\pm$ 0.03	0.278 $\pm$ 0.02	0.300 $\pm$ 0.08	0.231 $\pm$ 0.05	-
OP541	0.024 $\pm$ 0.00	0.110 $\pm$ 0.02	0.253 $\pm$ 0.05	0.275 $\pm$ 0.06	0.249 $\pm$ 0.05	-

Appendix Table 8 Pod wall dry weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	3 days	6 days	9 days	12 days	15 days	18 days
Berken	0.016 $\pm$ 0.00	0.082 $\pm$ 0.01	0.170 $\pm$ 0.03	0.208 $\pm$ 0.03	0.253 $\pm$ 0.03	0.215 $\pm$ 0.03
N531	0.029 $\pm$ 0.01	0.123 $\pm$ 0.03	0.234 $\pm$ 0.03	0.286 $\pm$ 0.03	0.340 $\pm$ 0.07	0.299 $\pm$ 0.03
N541	0.021 $\pm$ 0.01	0.116 $\pm$ 0.02	0.225 $\pm$ 0.03	0.292 $\pm$ 0.06	0.302 $\pm$ 0.05	0.262 $\pm$ 0.04
Opaque	0.015 $\pm$ 0.00	0.066 $\pm$ 0.02	0.168 $\pm$ 0.02	0.151 $\pm$ 0.03	0.128 $\pm$ 0.02	-
OP531	0.024 $\pm$ 0.00	0.119 $\pm$ 0.02	0.222 $\pm$ 0.02	0.175 $\pm$ 0.08	0.146 $\pm$ 0.03	-
OP541	0.024 $\pm$ 0.00	0.096 $\pm$ 0.02	0.204 $\pm$ 0.03	0.174 $\pm$ 0.03	0.154 $\pm$ 0.02	-

Appendix Table 9 Seeds dry weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	3 days	6 days	9 days	12 days	15 days	18 days
Berken	0.002 $\pm$ 0.00	0.014 $\pm$ 0.00	0.139 $\pm$ 0.03	0.374 $\pm$ 0.06	0.738 $\pm$ 0.08	0.776 $\pm$ 0.07
N531	0.002 $\pm$ 0.00	0.016 $\pm$ 0.00	0.078 $\pm$ 0.01	0.376 $\pm$ 0.09	0.721 $\pm$ 0.08	0.744 $\pm$ 0.05
N541	0.001 $\pm$ 0.00	0.014 $\pm$ 0.00	0.193 $\pm$ 0.07	0.312 $\pm$ 0.10	0.660 $\pm$ 0.08	0.673 $\pm$ 0.10
Opaque	0.001 $\pm$ 0.00	0.008 $\pm$ 0.00	0.054 $\pm$ 0.01	0.106 $\pm$ 0.02	0.072 $\pm$ 0.01	-
OP531	0.001 $\pm$ 0.00	0.013 $\pm$ 0.00	0.056 $\pm$ 0.01	0.112 $\pm$ 0.03	0.075 $\pm$ 0.03	-
OP541	0.001 $\pm$ 0.00	0.013 $\pm$ 0.00	0.049 $\pm$ 0.02	0.101 $\pm$ 0.03	0.081 $\pm$ 0.03	-

Appendix Table 10 Seed coats dry weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	6 days	9 days	12 days	15 days	18 days
Berken	0.011 $\pm$ 0.00	0.044 $\pm$ 0.01	0.079 $\pm$ 0.01	0.080 $\pm$ 0.02	0.073 $\pm$ 0.02
N531	0.013 $\pm$ 0.00	0.035 $\pm$ 0.01	0.084 $\pm$ 0.01	0.092 $\pm$ 0.01	0.079 $\pm$ 0.01
N541	0.012 $\pm$ 0.00	0.054 $\pm$ 0.01	0.078 $\pm$ 0.02	0.081 $\pm$ 0.01	0.073 $\pm$ 0.01
Opaque	0.008 $\pm$ 0.00	0.032 $\pm$ 0.01	0.042 $\pm$ 0.01	0.035 $\pm$ 0.01	-
OP531	0.012 $\pm$ 0.00	0.036 $\pm$ 0.00	0.044 $\pm$ 0.01	0.034 $\pm$ 0.01	-
OP541	0.012 $\pm$ 0.00	0.031 $\pm$ 0.01	0.040 $\pm$ 0.01	0.033 $\pm$ 0.01	-

Appendix Table 11 Cotyledons dry weight (g/pod) of opaque leaf mungbean, normal mungbean and their progenies at 3 to 18 days after flowering. The data are expressed as mean $\pm$ sd.

Genotypes	6 days	9 days	12 days	15 days	18 days
Berken	0.003 $\pm$ 0.00	0.084 $\pm$ 0.03	0.295 $\pm$ 0.05	0.658 $\pm$ 0.09	0.670 $\pm$ 0.07
N531	0.003 $\pm$ 0.00	0.040 $\pm$ 0.01	0.278 $\pm$ 0.05	0.629 $\pm$ 0.11	0.669 $\pm$ 0.08
N541	0.002 $\pm$ 0.00	0.139 $\pm$ 0.06	0.234 $\pm$ 0.08	0.577 $\pm$ 0.11	0.601 $\pm$ 0.07
Opaque	0.000 $\pm$ 0.00	0.022 $\pm$ 0.01	0.063 $\pm$ 0.02	0.037 $\pm$ 0.01	-
OP531	0.001 $\pm$ 0.00	0.020 $\pm$ 0.01	0.067 $\pm$ 0.02	0.041 $\pm$ 0.02	-
OP541	0.001 $\pm$ 0.00	0.018 $\pm$ 0.01	0.060 $\pm$ 0.03	0.048 $\pm$ 0.02	-

