

Rahman M M, Amin M N, Rashid M H, Islam M M, Kundu B C, Uddin M M, Rahaman E H M S. Genetic variation among biofortified and late blight tolerant potato (*Solanum tuberosum* L.) (mini tuber) production in Bangladesh. *Plant Science Today*. 2021;8(3):647–654. <https://doi.org/10.14719/pst.2021.8.3.1170>

Supplementary Tables

Table 1. Morphological characters of biofortified potato varieties

Sl. No	Major characters	Components
1	Predominant Tuber Skin Colour	1 White-cream; 2 Yellow; 3 Orange; 4 Brownish; 5 Pink; 6 Red; 7 Purplish-red; 8 Purple; 9 Dark purple-black
2	Tuber Skin Type	1 Smooth; 2a medium rough; 2 b Rough (flaky); 3 Partially netted; 4 Totally netted; 5 Very heavily netted; 6 Other
3	General Tuber shape	1 Round; 2 Short-oval; 3 Oval; 4 Long-oval; 5 long; 6 Very long; 7 compressed
4	Depth of Tuber Eyes	1 Protruding/ very shallow; 3 Shallow; 5 Medium; 7 Deep; 9Very deep

Table 2. Code for different morphological characters of CIP biofortified and late blight tolerant accessions with shannon index

Sl.No	Accession ID	Skin Color	Eye Depth	Flesh Color	Tuber Shape
1	CIP-401	2	5	5	4
2	CIP-402	6	5	5	4
3	CIP-403	2	5	5	4
4	CIP-404	2	5	5	4
5	CIP-405	2	5	5	4
6	CIP-406	2	7	2	2
7	CIP-407	2	7	5	2
8	CIP-408	2	7	5	2
9	CIP-409	6	5	5	2
10	CIP-410	2	7	2	2
11	CIP-411	2	7	5	2
12	CIP-412	6	7	5	2
13	CIP-413	6	7	5	2
14	CIP-414	2	7	4	4
15	CIP-415	2	5	5	3
16	CIP-416	2	7	5	3
17	CIP-417	2	7	4	2
18	CIP-418	2	5	2	2
19	CIP-419	2	7	5	1
20	CIP-420	2	7	5	1
21	CIP-421	1	5	5	1
22	CIP-422	2	7	5	2
23	CIP-423	6	3	2	4
24	CIP-424	6	5	5	4
25	CIP-425	6	7	5	1
26	CIP-426	6	7	5	2
27	CIP-427	6	7	5	2
28	CIP-428	6	7	5	2
29	CIP-429	6	7	5	3
30	CIP-430	6	5	5	3
31	CIP-431	6	5	2	5
32	CIP-432	6	7	5	1
33	CIP-433	2	5	2	1
34	CIP-434	2	5	5	2
35	CIP-435	2	5	2	7
36	CIP-436	2	7	5	1
37	CIP-438	6	5	2	2
38	CIP-439	6	7	5	2
39	CIP-440	2	5	2	1
40	CIP-441	2	7	4	2
41	CIP-442	6	7	5	2
42	CIP-443	6	3	2	5
43	CIP-444	2	5	5	2
44	CIP-445	6	5	5	2
45	CIP-446	2	7	5	1
46	CIP-447	2	3	2	1
47	CIP-448	2	3	5	4
48	CIP-449	2	3	5	1
49	CIP-450	2	3	5	2
Shannon index (H')		0.725	0.684	0.719	0.785

Supplementary Figure



Fig. 1. Selected Biofortified accessions for hybridization programme.