



## Tables belonging to the Podcaster article N2Africa Rhizobiology Activities at Kalambo, DR Congo, Podcaster 18

Table 1: Characteristics of rhizobium isolates collected in DRC

DRC	Lab code	Host legume	Origin	BTB reaction	Gram reaction
1	BC01	<i>Indigofera arrecta</i>	Kirambi	N	Equivocal
2	BC02	<i>Mimosa</i> sp.	Buhimba 1	Ac	Negative
3	BC03	<i>Arachis hypogaea</i>	Inera 2	B	Negative
4	BC04	<i>Phaseolus vulgaris</i>	Mubambiro	B	Negative
5	BC05	<i>Cowpea</i>	Kanyaruhenga	B	Equivocal
6	BC06	<i>Unknown</i>	Tchadote	B	Negative
7	BC07	<i>Neonotonia wightii</i>	Lwiro 1	B	Negative
8	BC08	<i>Neonotonia wightii</i>	Lwiro 2	B	Negative
9	BC09	<i>Phaseolus vulgaris</i>	Kamululu 4	B	Negative
10	BC10	<i>Arachis hypogaea</i>	Kicheke	B	Negative
11	BC11	<i>Acacia</i> sp.	Ongero 2	Ac	Equivocal
12	BC12	<i>Mimosa pigra</i>	Bushushu	Ac	Negative
13	BC13	<i>Phaseolus vulgaris</i>	Kikunda	B	Negative
14	BC14	<i>Unknown</i>	Kirambi 4	Ac	Negative
15	BC15	<i>Vigna</i> sp.	Luberizi	N	Negative
16	BC16	<i>Desmodium adscendens</i>	Luberizi	B	Negative
17	BC17	<i>Indigofera spicata</i>	Kirambi 5	N	Negative
18	BC18	<i>Desmodium salicifolium</i>	Kalehe 1	B	Negative
19	BC19	<i>Mimosa</i> sp.	Nunigi 1	Ac	Negative
20	BC20	<i>Crotalaria cleomifolia</i>	Ongero 1	Ac	Negative
21	BC21	<i>Unknown</i>	Kitembo 1	B	Negative
22	BC22	<i>Mimosa pigra</i>	Luvungi 2	Ac	Negative
23	BC23	<i>Neonotonia wightii</i>	Luvungi 3	B	Negative
24	BC24	<i>Arachis hypogaea</i>	Luberizi 2	Ac	Negative
25	BC25	<i>Indigofera spicata</i>	Mutarule	B	Negative
26	BC26	<i>Unknown</i>	Buhimba 3	N	Negative
27	BC27	<i>Unknown</i>	Kirambi 3	N	Negative
28	BC28	<i>Unknown</i>	Kamanyola	N	Negative
29	BC29	<i>Indigofera atriceps</i>	Ongero 11	N	Negative
30	BC30	<i>Phaseolus vulgaris</i>	Kirambi/Minova	B	Equivocal
31	BC31	<i>Indigofera arrecta</i>	Kirambi 2	N	Negative
32	BC32	<i>Phaseolus vulgaris</i>	Kamanyola 2'	B	Negative
33	BC33	<i>Phaseolus vulgaris</i>	Kiliba ONDS 2	B	Negative
34	BC34	<i>Soyabean</i>	Kirambi 5/ Minova	N	Negative
35	BC35	<i>Unknown</i>	Katale1	Ac	Negative
36	BC36	<i>Phaseolus vulgaris</i>	Kirambi 6	B	Equivocal
37	BC37	<i>Phaseolus vulgaris</i>	Ongero 6	B	Equivocal
38	BC38	<i>Tephrosia vogelii</i>	Kamululu	B	Equivocal
39	BC39	<i>Indigofera arrecta</i>	Kiliba ONDS 1	N	Negative
40	BC40	<i>Desmodium</i> sp.	Ntole / Buzi	B	Negative
41	BC41	<i>Crotalaria incana</i>	Kabulimbo 3	Ac	Negative

BTB reaction: Ac: acid forming (yellow); N: non reactive (green); B: basic (blue)

Table 2: Mean yield of soyabean varieties (kg ha<sup>-1</sup>) in 11 locations of Sud Kivu province

Treatment Locations	Biofix		None		Urea	
	PK 06	SB 24	PK 06	SB 24	PK 06	SB 24
Birava	1177	975	1150	654	1050	1045
Mulamba	1224	935	1836	945	951	939
Burhinyi	865	908	694	731	616	810
Ibona	247	303	292	194	313	309
Bugorhe	809	952	832	966	644	1804
Kalehe	839	952	832	966	644	1804
Mumoshu	690	296	772	329	845	460
Murhesa	2002	1344	2503	1156	2122	1014
Mushinga	675	922	563	1088	758	1239
Nyangezi	887	633	964	558	988	709
Walungu	699	555	659	609	877	892