

## Differential Sets

### Colletotrichum lindemuthianum (Cl) - Bean

Nineteen races have been identified using the binary number system. The corresponding Greek symbol and other names have been also been indicated, whenever possible. A more detailed table is available in Balardin *et al.* (1997).

#### Differential Hosts

Cultivars	Resistance gene	Race binary code / Greek or other race name																		
		2	7	9	17	19	23	31	55	65	73	81	87	89	99	102	130	141	337	453
					Alpha	Epsilon	Delta	Kappa	Lambda			Xi	Mu	Alpha Brazil	Theta	Gamma	Beta	C236	Mex II	Zeta
Michelite	Co-11	R	S	S	S	S	S	S	S	S	S	S	S	S	S	R	R	S	S	S
Michigan Dark Red Kidney	Co-1	S	S	R	R	S	S	S	S	R	R	R	S	R	S	S	S	R	R	R
Perry Marrow	Co-1 <sup>3</sup>	R	S	R	R	R	S	S	S	R	R	R	S	R	R	S	R	S	R	S
Cornell 49242	Co-2	R	R	S	R	R	R	S	R	R	S	R	R	S	R	R	R	S	R	R
Widusa	Co-1 <sup>5</sup>	R	R	R	S	S	S	S	S	R	R	S	S	S	R	R	R	R	S	R
Kaboon	Co-1 <sup>2</sup>	R	R	R	R	R	R	R	S	R	R	R	R	R	S	S	R	R	R	R
Mexico 222	Co-3	R	R	R	R	R	R	R	R	S	S	S	S	S	S	S	R	R	S	S
PI 207262	Co-4 <sup>3</sup> , Co-9	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	S	S	R	S
TO	Co-4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	S	S
TU	Co-5	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
AB 136	Co-6	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
G 2333	Co-4 <sup>2</sup> , Co-5 <sup>2</sup> Co-7	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

S - susceptible; R - resistant

## Reference

Balardin, R.S, Jarosz, A.M. and Kelly, J.D. (1997). Virulence and molecular diversity in *Colletotrichum lindemuthianum* from South, Central and North America. *Phytopathology* 87: 1184-1191.

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