

Genetic variability on leaf morpho-anatomical traits in relation to sterility mosaic disease (SMD) resistance in pigeonpea

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(Supplementary Table 1)-

Percent Disease Incidence (%)	No of genotypes	Genotypes falling in different SMD response groups
0-10% (Resistant)	13	*BRG 3 (<i>C. cajan</i>), *ICP 7035 (<i>C. cajan</i>), *ICP 15770 (<i>C. volubilis</i>), *ICP 817 (<i>R. bracteata</i>), *ICP 15815 (<i>R. bracteata</i>), ICP 15853 (<i>R. rothi</i>), ICP 15890 (<i>R. rothi</i>), Badnapur-1 (<i>R. sublobata</i>), Badnapur-2 (<i>R. minima</i>), *Badnapur-3 (<i>R. rothi</i>), *BNG 1 (<i>C. scarabaeoides</i>), *BNG 3 (<i>C. scarabaeoides</i>) and *Badnapur-4 (<i>C. albicans</i>)
10.1-30% (Moderately resistant)	7	BRG 1 (<i>C. cajan</i>), HY 3C (<i>C. cajan</i>), ICP 15698 (<i>C. scarabaeoides</i>), ICP 15718 (<i>C. scarabaeoides</i>), ICP 15922 (<i>C. scarabaeoides</i>), ICP 15817 (<i>R. bracteata</i>) and ICP 15724 (<i>C. scarabaeoides</i>).

30.1-100% (Susceptible)	50	<i>C. scarabaeoides</i> - ICP 15683, ICP 15685, ICP 15687, ICP 15688, ICP 15689, ICP 15692, *ICP 15701, *ICP 15703, ICP 15710, ICP 15711, ICP 15719, ICP 15722, ICP 15725, ICP 15727, ICP 15731, ICP 15739, ICP 15748, ICP 15882 and BNG-2. <i>C. platycarpus</i> - *ICP 15661, ICP 15662, ICP 15663, ICP 15664, ICP 15666, ICP 15667, ICP 15921, *ICPW 61, ICPW 67 and ICPW 71. Others species - ICP 15621 (<i>C. albicans</i>), ICP 15642 (<i>C. lineatus</i>), ICP 15761 (<i>C. sericeus</i>), ICP 15900 (<i>C. viscida</i>), ICP 15855 (<i>R. rothi</i>), ICP 15857 (<i>R. rothi</i>), *ICP 15681 (<i>R. rufescence</i>) and ICP 15799 (<i>F. macrophylla</i>). Cultivars (<i>C. cajan</i>) - *TTB 7, IPA 8F, GT 101, JKM 189, BSMR 736, *ICPL 87119, *WRP 1, *TS 3R, *ICP 8863, *GRG 333, *ICP 2376, *BRG 2 and *GRG 811.
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Note*- *C- Cajanus*, *R- Ryncosia*, *F-Flemingia* * Indicates twenty three extreme pigeonpea genotypes selected for correlation study