

RESEARCH ARTICLE

Effect of different culture media on growth characteristics of *Cercospora beticola* sacc, causing cercospora leaf spot of beetroot

■ Kandhi Mounika and Abhilasha A. Lal

SUMMARY

Beetroot (*Beta vulgaris* L.) is a versatile crop; it can be grown in any season. It is also known as table beet, garden beet, and sugar beet. Beetroot crop is affected by number of fungal diseases. Cercospora leaf spot is the most devastating foliar disease caused by *Cercospora beticola*. Fungi grow on diverse habitat; it requires different specific elements for their growth and development in *in vitro*. In the present investigation three different culture media viz., Beetroot leaf extract agar media, Richards's agar media, and Potato dextrose agar media were tested against cercospora beticola to evaluate the effect of different culture media on growth characters of *Cercospora beticola*. The fungi showed difference in growth development when grown on different cultural media. Results obtained that the best fungal growth was observed in Richard's agar media and the minimum growth was observed in potato dextrose agar media.

Key Words : Beetroot, Cercospora, *In vitro*, Media, Growth, Cultural

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