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mrlegarreta@prodigy.net.mx

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Velásquez Valle, Rodolfo; Medina Aguilar, María Mercedes; Schwartz, Howard F.
Expresión de Síntomas y Decoloración Vascular en Líneas de Frijol Inoculadas con
Aislamientos de *Fusarium oxysporum* f. sp. *phaseoli* de Diferente Origen Geográfico
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Abstract

Plantlets of bean lines/varieties LEF2RB, Fisher, Flor de Mayo and UI-114 were inoculated with *Fusarium oxysporum* f. sp. *phaseoli* isolates CO1 and AB-6 originated in Colorado, USA and Spain, respectively. Symptom production and the extension of the vascular discoloration were evaluated. Regardless of the isolate, the induced symptoms varied from wilt and necrosis in the cotyledonary leaves to curled leaves in trifoliated leaves, as well as defoliation and stunting. Nine days after inoculation with CO1, plantlets of LEF2RB did not show disease symptoms, however, when inoculated with isolate AB-6 showed disease symptoms six days after inoculation. The average extension of vascular discoloration in plants inoculated with CO1 nine days after inoculation was 13.1, 18.3, 14.0 and 6.0 cm for Flor de Mayo, UI-114, Fisher and LEF2RB, respectively, while the same parameter in plants inoculated with isolate AB-6 was 17.5, 13.8, 17.1 and 2.8 cm for Flor de Mayo, UI-114, Fisher and LEF2RB, respectively.

Keywords

Phaseolus vulgaris, defoliation, yellowing, necrosis, Colorado.

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