TITLE: MORPHOLOGICAL CHARACTERIZATION OF LEAF SPOT ON TOBACCO (*Nicotiana tabacum*) CAUSED BY *Cercospora nicotianae*.

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The culture of tobacco is responsible for the maintenance of more than 208,000 families throughout Brazil, with more than 186,000 in the southern region, and cercosporiosis in tobacco has little prominence in literature due to its reduced frequency. The objective of this work was to record and describe the symptomatology and etiology of Cercospora nicotianae incident on leaves of tobacco. The leaves were collected in April 2019 and analyzed using a stereoscopic microscope. The symptoms were recorded with naked eve under stereomicroscope. Using lactophenol (cotton-blue), semipermanent slides (direct collect and histological cut) were prepared for microscopic recording. Morphology and morphometry of macro and microscopic structures were performed for identification and comparison with Chupp (1953). Symptoms of leaf spot leaf of brown staining, spherical to the subspherical of 2 to 15 mm in diameter, without the presence of halos, presenting in the necrotic tissue concentric rings, anfigen stroma, present in the low leaves, presenting approximate severity of 1-8%. Signals showing conidiophore starting from stromal tissue originating from 1-2 conidiophores, truncated, irregular, and at the apex, healed, geniculate, indistinctly multisseptade 78.0- (59.0) -32.8 x 7.0- (3.5) -1.4 µm; Conidia hyaline, acicular, straight or slightly curved, truncated, subacute and acutted base, indistinctly multisseptade 36,2- (21,7) -14,1 x 6,1- (3,6) -2,2 µm. This is the first occurrence record of C. nicotianae incident on leaves of tobacco in the city of Urutaí (GO).

Keywords: identification; detection, leaf spot, hyphomycetes.