PN-076

BACCHARIS ESSENTIAL OIIS<u>Vere Lucia Ferracini</u> (PG)(CNPDA/Embrapa),<u>Hermogenes Freitas Leit³0 Filho</u> (PD)(18-UNICAMP) • <u>Anita J. Marsaioli</u>(PO) (10 UNICAMP-UP 6154 -Campinas 13081 - SP)

It has been shown that the <u>B. dracunculifolis</u> essential oil has biological activity against some microorganisms. Isolation of the essential oil from <u>B. dracunculifolis</u> which were submitted to hydric or saline stress have shown decreased activity. Despite the fact that the nature of the extracted mixture of compounds remained unchanged, it has been observed a clear increase in the amount of some of them. A quantitation study, comparing with six standard natural an synthetic standard is under way.

Differences observed in the essential oils from others Baccharis species suggest a correlation with its evolutive character.