

## TEXTURAL PROPERTIES OF DATE PASTES AS INFLUENCED BY DATE CULTIVAR

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### ABSTRACT

Textural properties including firmness (hardness), cohesiveness, adhesiveness, chewiness, elasticity and resilience, were determined for pastes of eight selected Saudi date cultivars, namely *Barhi*, *Khudari*, *Khlass*, *Serri*, *Sukkari*, *Suffri*, *Saqie*, and *NubotSaif*. The hardness values for the pastes of dates varied from 394.65 N (*Suffri*) to 38.04 N (*Khallas*). The cohesiveness values ranged from 0.69 (*khalas*) to 0.33 (*Suffri*). The adhesiveness values varied from 181.48 (*NubotSaif*) to 29.93 (*Khallas*). The chewiness values varied from 92.82 (*Suffri*) to 20.58 (*Khallas*). The elasticity values varied from 1.0 (*Barhi*) to 0.69 (*Suffri*). The resilience Values varied from 0.15 (*Nubot Saif*) to 0.07 (*Sukkari*).

**KEYWORDS:** Textural properties, Hardness, Chewiness, Elasticity, Date Paste, Date Cultivars