

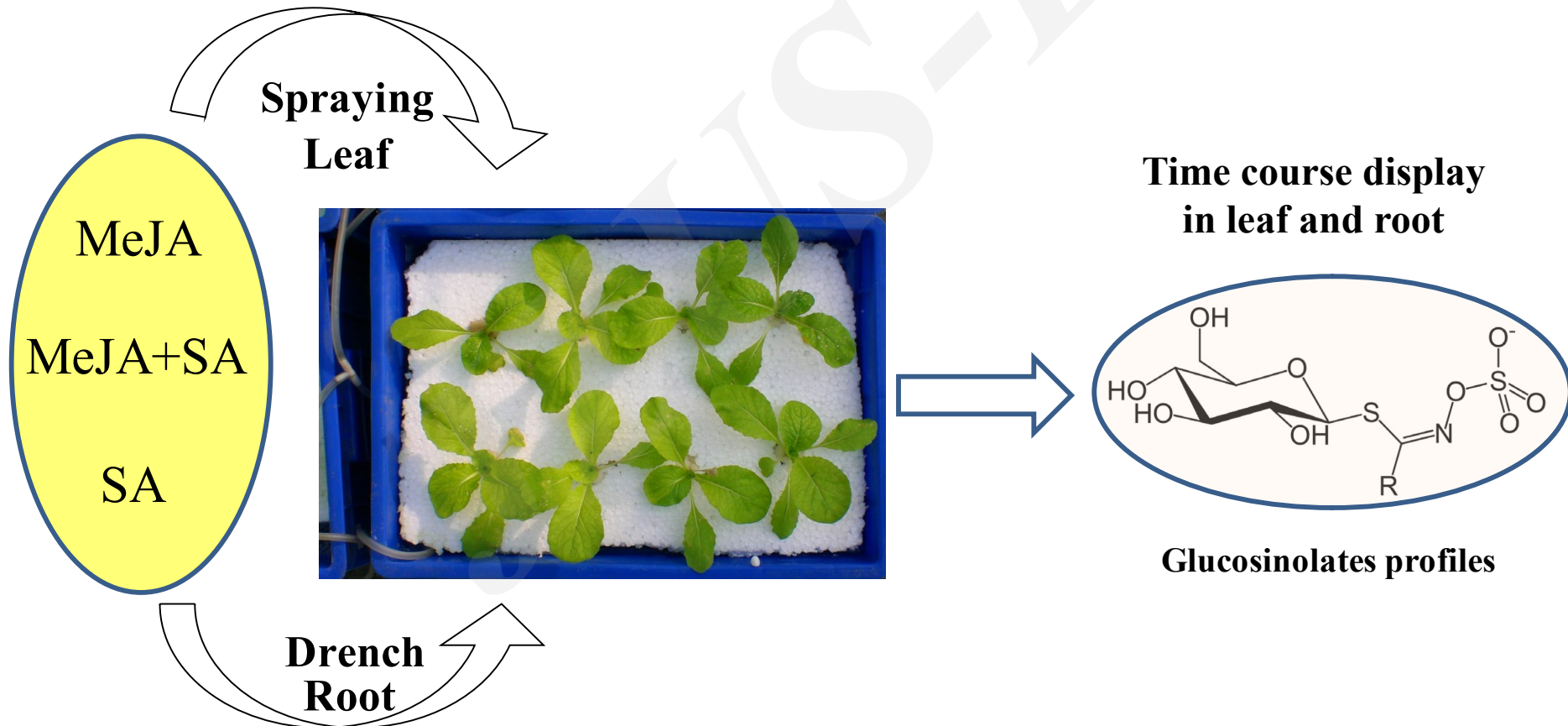
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Leaf and root glucosinolates profiles of Chinese cabbage (*Brassica rapa* ssp. *pekinensis*) as a systemic response to methyl jasmonate and salicylic acid elicitation

Key words: Chinese cabbage, Methyl jasmonate, Salicylic acid, Glucosinolate, Interactive effect

Research summary

This research investigated the effect of foliar or root application of MeJA and/or SA on glucosinolates accumulation profiles in leaf and root of Chinese cabbage



Innovation points

- Roots accumulated much more glucosinolates than leaves under MeJA and SA elicitation.
- MeJA had a greater inducing and longer lasting effect on glucosinolates accumulation than SA.
- Indole glucosinolates accumulated most rapidly in response to MeJA and SA elicitation.
- Neoglucobrassicin did not respond to SA but to MeJA elicitation in leaf tissue.