



# Potential Improvement Points and Suggested Solutions

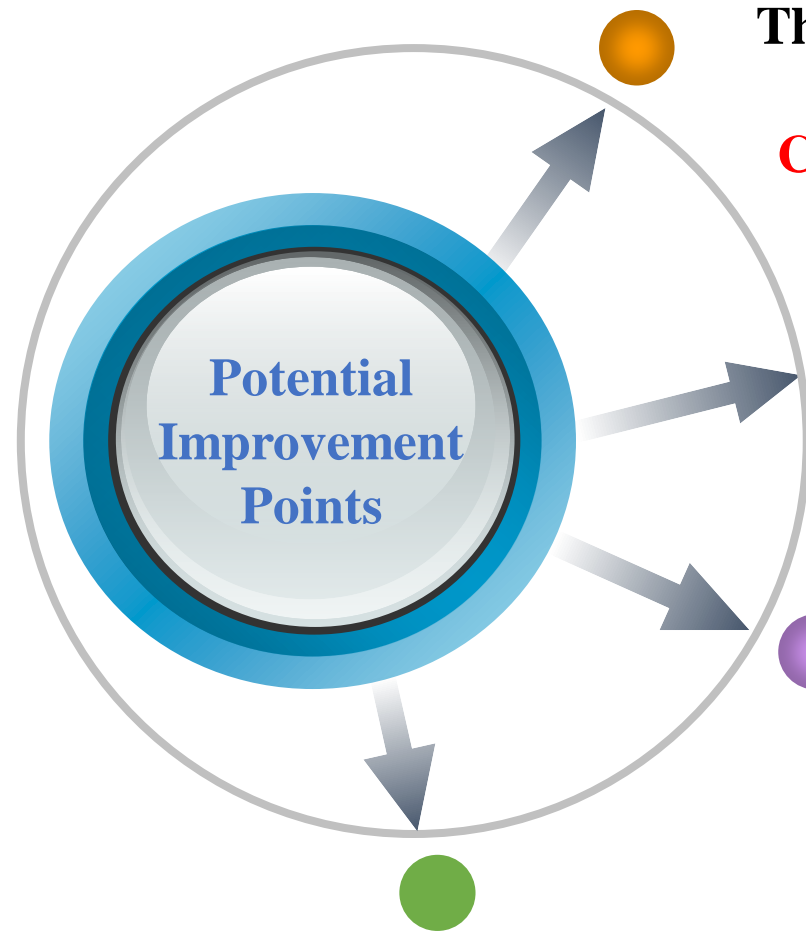
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**The fertilisation program of the date palm needs optimization.**

**Compost - 80kg/palm tree - 120-150kg/palm tree**  
**“Abo Omera” organic fertilisation mixture**

**Palm trees’ off-shoots and pruning**  
**Nutrient competition – Metaxenia –**  
**Pollination and Fertilisation**  
**Off-shoots separation – Pruning**

**Windbreaks - improper storage/transportation**  
**Two shootlets/hole – loss of vigour**  
**Internal greenhouses – student training?**

**Establishment of olive orchard**  
**Potential student’s project?**  
**Cultivar – Oil/table olive?**



# Fertilization mixture for the date palm that was found efficient on Al-Wahat region (once a year in November)

Item	Quantity/feddan
Chicken manure	4 m <sup>3</sup>
Sheep manure	1.5 ton
Vermicompost	125 kg
Dolomite “30% calcium & 24% magnesium”	50 kg
Sulphur	37.5 kg
Liquorice	2 kg
EM “Efficient microorganisms”	3 Litres























**Toffahi – table olive**



**Kalamata – table olive**



**Koroniki – Oil cultivar**



**Manzanillo – table & oil**



**Olive orchard**



