

DATE PALM LANDSCAPE SPECIFICATIONS

General Maintenance	<p>Fertilization of palms in the landscape does not differ appreciably from recommendations for palm field nurseries, though landscape maintenance budgets may not allow as frequent an application of fertilizer.</p> <p>Mature palms in the landscape should optimally receive a complete granular fertilizer formulated for palms ("palm special"), four times per year at a rate of 5 to 8 lbs each application. Dropping below a minimum of two applications, even for the most budget conscious maintenance schedules, is not recommended.</p> <p>On fill soils, even two applications may not be enough. For palms under eight feet tall, 2-5 lbs should be adequate. Newly planted palms can receive even less (½ to 2 lbs, depending on size).</p> <p>Special palm fertilizers contain additional Mg and a complete micronutrient amendment. N and K rates in the formulation should be equivalent, and all or at least some of both elements should be available in slow release form.</p> <p>Fertilizers should be broadcast or banded under the canopy of the palm, but should not be placed up against the trunk where newly emerging roots may be injured.</p>
For Prevention and Control of fine turf diseases, Black Root Rot, and Getting Greener Foliage	<p>Fungicide: Spectro90 (2 fungicides mix together in one treatment) or Cleary's 3336 (drench treatments, 15 gls per once or 100 gls per 1 ½ lbs) Recommended every 3 months spray on all fronds, special attention to main new fronds.</p> <p>Spectro90 (Turf and Ornamental Fungicide): Water dispersible granules (a unique formulation of 3336 and Da conil Weather Stik). For the prevention and control of fine turf diseases and diseases of annual and perennial flowers, foliage plants, ground covers, plus deciduous and evergreen trees and shrubs through contact and systemic actions.</p> <p>Insecticide: Chlorpyfos, excellent pesticide. Mix 64 ounces per 100 gls. Applied together with fungicide every three months recommended.</p> <p>Chlorpyrifos. PRO4 Insecticide Organo phosphate.</p>
Watering	<p>Irrigation: Adjust watering to reduce sprinkler heads around palms, only bubbler heads recommended.</p> <p>The date is extremely drought resistant and can survive several years of intense heat with no water or rain whatsoever once firmly established, although it is unlikely to fruit well and may appear stressed. However, for fruit yields and quality rainfall plus irrigation (low level sprinklers or trickle irrigation) is needed.</p> <p>Interestingly, Dates withstand waterlogged conditions better than most plants and grow well with their roots actually submerged in running water or in soils with a high even saline water table.</p> <p>Dates will tolerate water with up to 6000 mg/L total soluble salts but yields are greatly increased with fresh water. Salinities should generally not exceed 2000 mg/L.</p>
Fertilization	<p>Fertilizer: Lesco 13-3-13 Slow Release Granular.</p> <p>Dates will produce in soils of only moderate fertility. Small applications of fertilizer may help, however.</p> <p>Extra Nutrients (will be applied only after 10 days of fungicide) Micro Chelated Palm Mix: Spray on leaves foliage ONLY for extra healthy results. Recommended every 3 months.</p> <p>Chelated Palm Nutritional: For the correction ends prevention of yellowing & "Frizzle top" of palms.</p>

