

A photograph of a durian tree with a metal support structure and red ties. The tree is the central focus, with its thick, dark trunk and branches extending upwards. The leaves are green and dense. A metal frame, likely for support, is visible in the center, with several red ties or ropes attached to the branches. The background is a clear blue sky with some light clouds. The sun is visible in the upper left corner, creating a bright spot and some lens flare.

DURIAN

Thai Planting Techniques

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How it started ...





Overview

- Planting Method
 - Twin
 - Fish Bone
 - UHDP
 - 3-Trees
 - 2-Trees
- Raised Bed
- Irrigation
- Farm Management
- Pruning & Training
- Fertilization Program



Twin Planting





Twin Planting





Fish-Bone Planting



Branch Direction - Galvanized Iron Pipe





UHDP Planting





Canopy 3.75m





3-Trees Planting





3-Trees Planting



3-Trees Planting





2-Trees Planting





2-Trees Planting





Raised Bed & Soil pH





Irrigation – Mini Sprinkler





Farm Management - Fruit Count Tag



Farm Management - Color Coded Strings



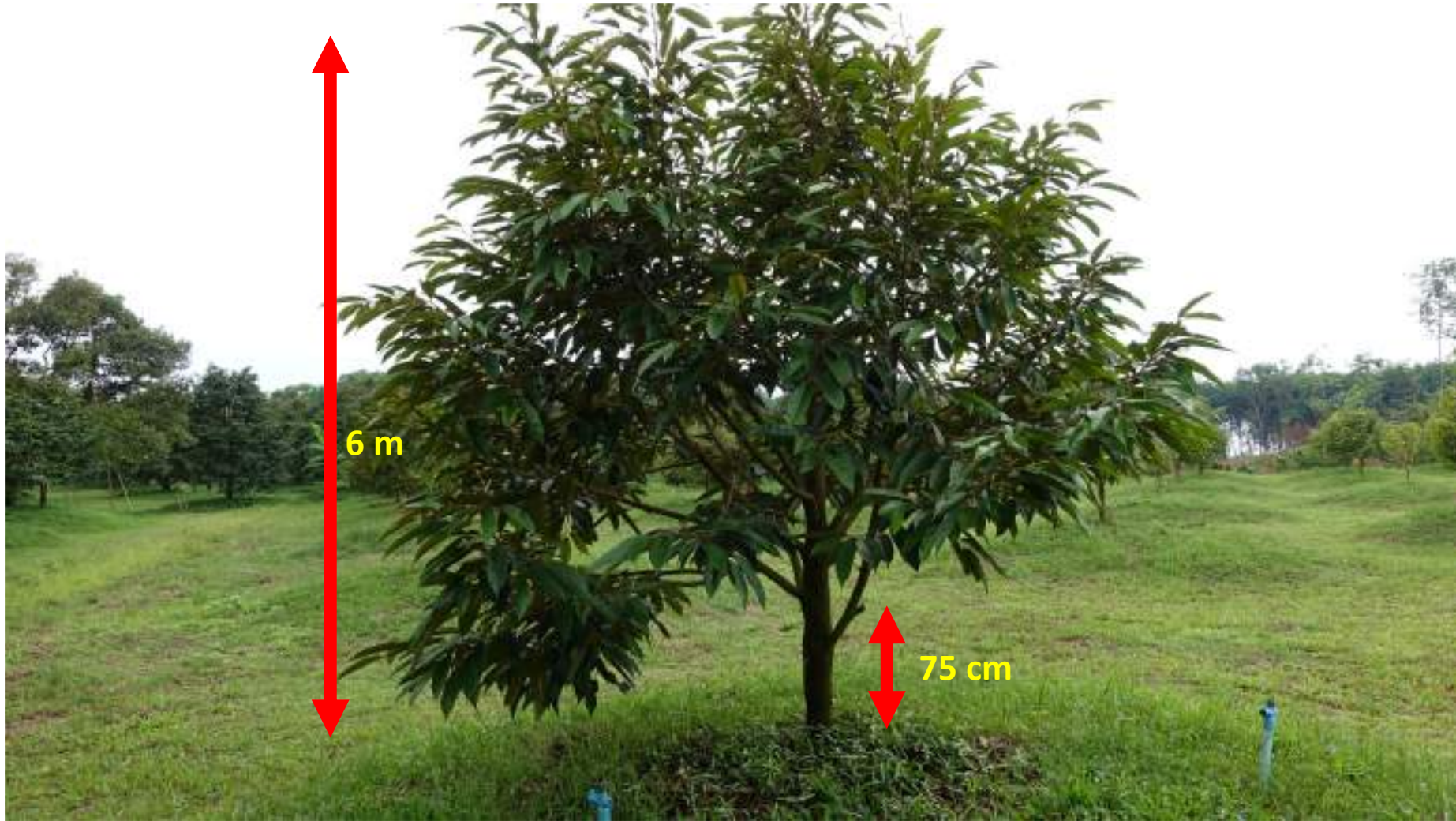
Farm Management - Branch Support



Farm Management - Branch Support



Pruning & Training - Height



Pruning & Training - Branches





Pruning & Training - Canopy

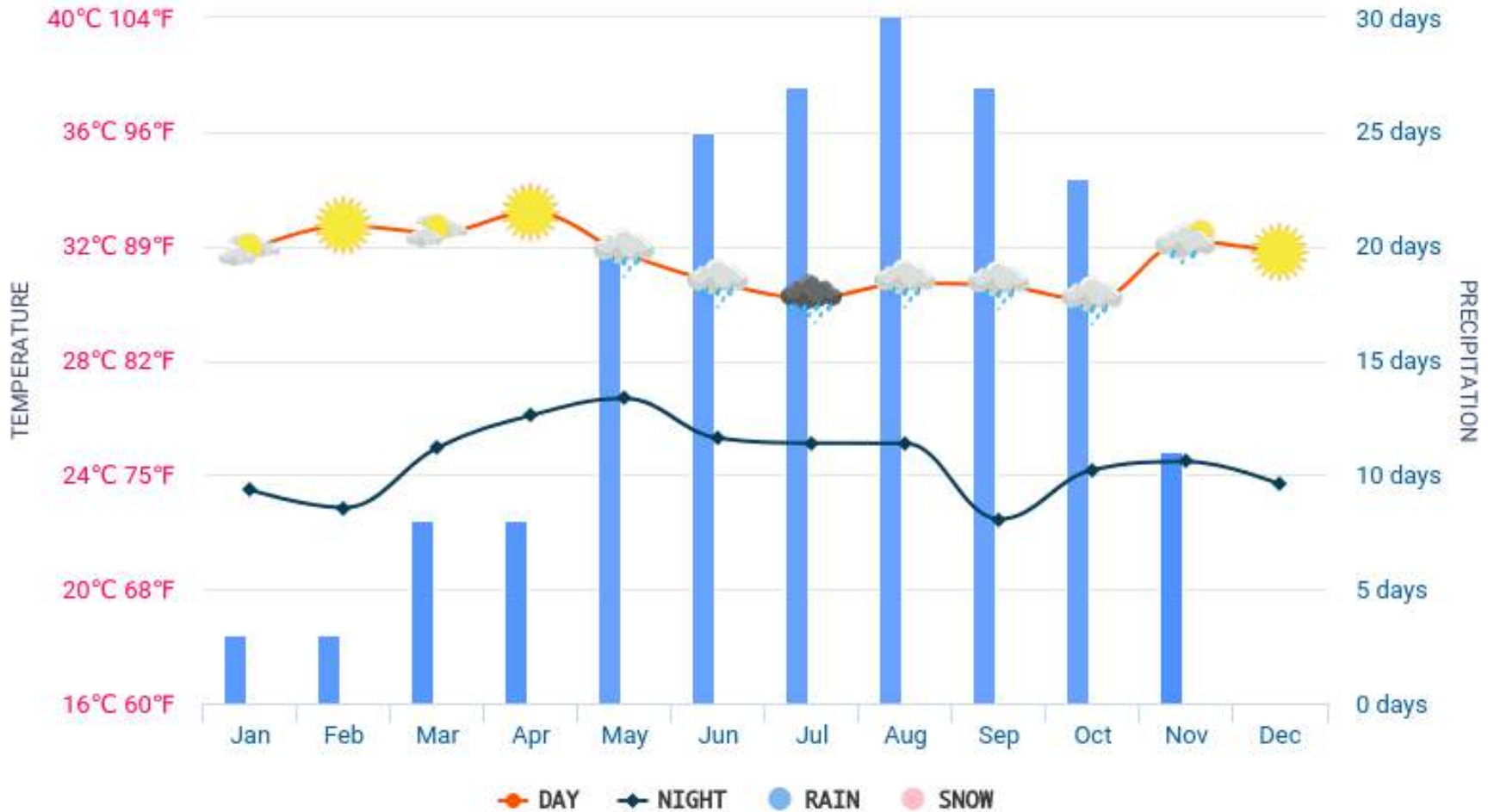




Chanthaburi Rainfall

Chanthaburi Thailand Weather

AVERAGE MONTHLY TEMPERATURE AND PRECIPITATION

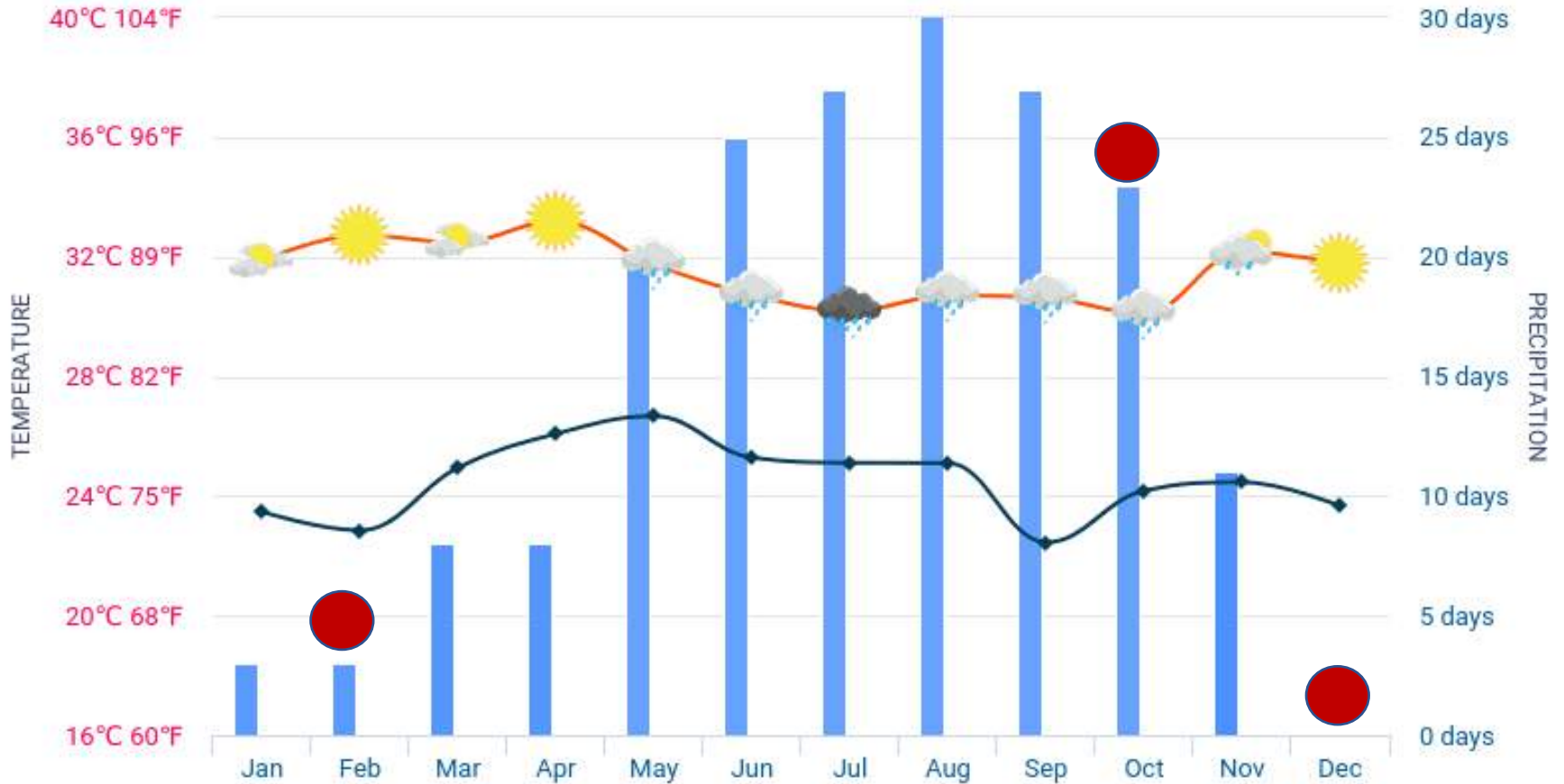




Multiple Harvests

Chanthaburi Thailand Weather

AVERAGE MONTHLY TEMPERATURE AND PRECIPITATION



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RAIN SNOW



Fertilization Program – Poly Feed

Growth stage	Fertilizer recommendations		Nutrients supplied (g/tree)		
	Fertilizer	Rate (kg/tree)	N	P ₂ O ₅	K ₂ O
1-2 months before flowering	Poly-Feed 9-27-27	0.5 – 1.0	45 – 90	135 - 270	135 – 270
Flowering	Poly-Feed 14-7-28	0.5 – 1.0	70 – 140	35 – 70	140 – 280
Fruit set	Poly-Feed 9-27-27	0.2 – 0.4	18 – 36	54 – 108	54 – 168
6 weeks after flowering	Poly-Feed 14-7-28	1.5 – 3.0	210 – 420	105 – 210	420 – 840
1 month before harvest	Potassium Sulfate	2.0 – 2.5	260 - 390	0	920 – 1,400
Post Harvest	Poly-Feed 9-27-27	0.5 – 1.0	45 – 90	135 - 270	135 – 270
Flushing	Poly-Feed 14-7-28	1.5 – 3.0	210 – 420	105 – 210	420 – 840



Fertilization Program - Foliar

Growth stage	Fertilizer recommendations		Proven Effects
	Fertilizers	Rate	
2 months after harvest	Magnesium Nitrate	0.4-0.5% by 2-3 sprays in 2 weeks intervals	Induction of new leaves, Improved health
2 months before flowering	MKP (0-52-34) or MAP (12-61-0)	0.5% by 3-5 sprays in 2 weeks intervals	Flower initiation
1 month after fruit set	Potassium Sulfate	1-2%, by 6-8 sprays in 2 weeks intervals	Increases fruit size & shape
	Magnesium Sulfate	0.25-0.5% by 2-4 sprays in 2 weeks intervals	Increases total solids in fruit