

oil palm cultivation data for 8 years



Location : Pekan Nanas, Pontian, Johor.
 Land size : 3.5 ha
 Soil content : 70% sandy
 Countour : Flat
 Variety : Yang Gambi
 Quantity plant : 435
 Planting : 11th January 2010
 Seeding : About 11 month
 Weather : Rainfalls 3 days after planting

The steps of planting and materials applies



Applying 500 gram rock phosphate + 100 gram Higa® Polymer Fertiliser into planting hole just before planting



Removed the nursery poly bag then put in the young palm tree to the base then firmed up



Maintenance with:- weedicide, insecticide and fungicide when necessary, Spray with Higa® Organic Foliar every 3 month

Fertilizations and maintenances schedule

Palm tree ages	Year 1					Repeat every 3 months							
	Month					Years following							
	0	3	6	9	12	2	3	4	5	6	7	8	9
Higa® Polymer Fertiliser / kg / tree	0.1				0.3	1	2	2.5	3	3	3	3	3
Higa® Super Foliar 100ml/18 ltr water	✓	✓	✓	✓	✓	Application with pest and fungus control							
Other maintenances / controls	If requires												



9 month after planting 03 October 2010

HIGA® Polymer Fertiliser functioned to upgrade the non fertile soil by changing the character of the soil.

The photo show that our trial plot very successful. The oil palm tree are growing well and very healthy, even though the soil has contenting more than 70% of sand, which is not suitable for oil palm cultivation.

Our testimonial 3.5 ha of oil palm plantation at Pekan Nanas, Pontian, Johor. Fertiliser trial has been monitoring for 8 years since beginning planting. The soil condition was 70% sandy, 30% silty. Palm tree ages 8 years old, cultivated with 435 tree. Currently achieving more than 15 matric tonne of yields monthly.



Photo on 06 January 2011, palm ages 23 months from seeding.

Fruit formed and more than 90% of plant similar condition.

First fruit able to collected 24 months from seeding



The photo taked February 2016 was in the dry season which begin from October last year.

Photo show the actual condition of plantation while palm tree ages was 7 years old from seeding

Monthly yield achieving more than 1 matric tonne per acre.

435 plants of oil palm (3.5 ha) fertilisation schedule and yields

Palm ages years (after plant)	1	2	3	4	5	6	7	8	9
Fertiliser / Kg / Application	0.30	1.00	1.50	2.00	2.50	3.00	3.00	3.00	3.00
Frequency applies / annum	3	3	4	4	4	4	4	4	4
Annual fertiliser cost / ha / RM	539	1,617	5,742	7,656	9,570	11,484	11,484	11,484	11,484
Gross Annual income RM		9,900	22,880	40,700	49,600	64,900	77,000	80,190	80,960

