



اَوْنِيُوْزِيسِيْتِي تِيكْنُوْلُوْجِي مَارَا  
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TEKNOLOGI  
MARA



**FACULTY OF PLANTATION AND AGROTECNOLOGY**  
**DIPLOMA IN PLANTING INDUSTRY MANAGEMENT**  
**AGR390 INDUSTRIAL TRAINING REPORT**

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## TABLE OF CONTENT

<b>NO</b>	<b>CONTENT</b>	<b>PAGES</b>
1	Personal and company detail	2
2	Introduction	3-14
3	FFB production 1.harvesting of FFB 2.Field grading 3.loose fruit collection 4.FFB evacuation	15-17 18-20 21-22 23-24
4	Field maintenance and upkeep 1.road maintenance 2.drain desilting 3.culvert maintenance 4.brigde construction 5.manuring 6.spraying 7.slahing 8.fronde stacking 9.pruning 10.beneficial plant planting 11.decenter cake spreading 12.EFB mulching 13.palm thinning	25-26 27-28 29-30 31-32 33-34 35-36 37-38 39-40 41-42 43-44 45-46 47-48 49-50
5	Pest and disease control 1.termite control 2.rhinoceros beetle control 3.rat attack control	51-52 53-54 55-56
6	Conclusion	57
7	Appendix	58-59

## Acknowledgement

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## Organization / company background

Plantation industry has been the backbone of Malaysian economy for decades and should continue to be a long time to come. We should aim to maintain our leading edge in the production and export of Palm Oil in the world.

Based on developments during the past decade, there is a real threat that in a few years' time some plantation oil palm area may be abandoned because there are not enough workers available. Even amongst most of the foreign workers, plantation works is not their first choice. Plantation work is very looked down by many even when the earnings are better than those in the manufacturing sector. The workers especially the school leavers are keen to work in air conditioned rooms in the town rather than working in the plantation as most of time they have to work under the hot sun.

Maintaining our competitive edge can be achieved through the modernization of our estate operations which consequently increase production per worker and per unit area planted, at competitive cost, while at the same time be less dependent on the vagaries of availability of labor-local and foreign labor.

First of all let us specify our goal and set our objectives to ensure that palm oil will continue to be vibrant industry in the face of increasing labor shortage, escalating cost of production **and** stiff competition from **other oils** and other producing countries.

## CONCLUSION

As conclusion, there are a lot of knowledge and experience that I have gained during 3 month as a trainee at Tawakal Sejati Sdn Bhd.

As a practical trainee student, it is compulsory for me to learn about the operation in the field area. One of the most important operation in the estate is harvesting. Harvesting operation is basically required in the estate as it the only source of revenue for each plantation. I also learned about the variety of oil palm and types of bunches instead get a few knowledge about harvesting interval and black bunch census.

Next, I had gain some valuable knowledge about the field upkeep and maintenance especially oil palm plantation at peat soil area. Field upkeep and maintenance are vital operation in the oil palm plantation as it will help to produce good and high quality of fresh fruit bunches and oil extraction rate. These are few operation that can be found in field upkeep and maintenance such as fertilizer management, pest and disease, canopy management and spraying program.

Furthermore, it is important for me to know about road, drainage and bridge. The main modes of transportation used in the estate is lorry, sawit hunter and farm tractor, so it is important for me to study about the road system as it used for transporting FFB out from the field area. Therefore, it is important to keep the road system in good condition. Proper drainage system also needed in the estate to prevent the field area get into flood for a long time as it may damage the palm itself .

Another things that I had learned during 3 month practical at Tawakal Sejati Sdn Bhd is immature area. Immature area is area of new development site of plantation which most of the palms are below 3 year old age. It is essential for us to learn about immature area because it will help to taught us about experience and knowledge on how to handling operation and solve problems in this area such as fertilizer management, ablation, pest and disease and drainage system in immature area.