

AN OVERVIEW OF DISEASE SYMPTOMS ON ROADSIDE TREE STAND AFTER *EL NINO* PHENOMENON, IN THE MAIN CAMPUS UNIVERSITY MALAYSIA SABAH, KOTA KINABALU: ZON 5 (JPP, UMS)

NAME: NURUL ATIQAH BINTI ANUAR

SUPERVISOR: PROF. MADYA DR. MAHMUD HJ. SUDIN

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ABSTRACT

A survey of the symptoms of the disease after the phenomenon of *El Nino* on the roadside tree stand in the main campus of University Malaysia Sabah, Kota Kinabalu has been carried out in the Zone 5 (JPP UMS). Therefore, the objective of this study was to examine the incidence of disease and damage to roadside stands of trees. The study was conducted in the UMS campus in the sub-zone Sports Complex, JPP Building, PALAPES Building, Pasca Building, New DKP, Jln. Faculty of Medicine, *Incenerator* and STP Sewerage area. Information and data that have been collected through surveys and assessments of observations on the roadside stands of trees by using Visual Tree Assessment. The data obtained will be analyzed using *IBM SPSS Statistics* to see the frequency of symptoms and the scale of damage to roadside tree stands throughout the study area. Results of the study found that there are 371 trees with 9 tree species that have been identified. Based on the data were collected, species *Pometia pinnata* that are most abundant species in Zone 5. Symptoms of canker is among the highest symptoms that can be found at roadside tree stands in Zone 5. Canker occurs due to a wound that looks to sink below the surface the tree trunks. While the incidence of disease at the roadside stand of trees was low at the scale 2 in which trees do not experience serious symptoms that will cause mortality.