

**SURVEY ON DISEASE SYMPTOMS ON THE ROADSIDE TREE STAND AFTER
EL-NINO PHENOMENON OCCUR, IN ZONE 1 (JPP: UMS) IN
UNIVERSITI MALAYSIA SABAH CAMPUS,(UMS)**

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PROGRAMME: FOREST PLANTATION AND AGROFORESTRY

2017

ABSTRACT

Roadside tree is planted trees that grow in the area or public walkways. Roadside trees play an important role as an ornamental plant that has aesthetic, social and natural. However, El-Nino phenomenon is global temperatures have increased by 0.5-2.0 degrees Celsius, causing the tree stands in the way is not so good and the attack of various diseases. As a result, a study was conducted at the Universiti Malaysia Sabah (UMS) and found that there are many roadside was attacked by the disease. The objective of this study was to determine the degree of damage to the tree stand on the roadside for Zone 1, UMS main campus. Image matching method was conducted to identify species of trees, visual assessment review and evaluation of the degree of severity of the trees have been conducted on the symptoms observed in the population of trees in Zone 1. The findings showed that, there are 302 trees could be composed of six species have been identified. There are seven types of symptoms that have been observed. Trees in Zone 1 shows the majority of the studied tree classification score of 2 indicates that only 25% -50% of the basic structure suffered damage caused by plant disease symptoms. Data also shows that trees with a diameter small simple easy to attack the disease. In conclusion, the tree population that was studied did not show any severe stage of the disease in Zone 1, UMS main campus.