

Scientia Horticulturae

The screenshot shows a web browser window with several tabs open. The active tab is 'Keywords(rismen sinambela)'. The address bar shows the URL: [https://www.sciencedirect.com/search?q=rismen sinambela&pub=Scientia Horticulturae&cid=271177](https://www.sciencedirect.com/search?q=rismen+sinambela&pub=Scientia+Horticulturae&cid=271177). The search results show 1 result found. The article title is 'Application of an inductive sensor system for identifying ripeness and forecasting harvest time of oil palm', published in Scientia Horticulturae on 29 January 2020. The author is Rismen Sinambela, Tineke Mandang, and Wawan Hermawan. The page includes a 'Refine by' section with 'Years' and '2020 (1)' selected. At the bottom, there is a footer with 'About ScienceDirect', 'Remote access', 'Shopping cart', 'Advertise', 'Contact and support', 'Terms and conditions', 'Privacy policy', and the RELX logo.

The screenshot shows a Gmail interface with an email open. The email is from 'rismen sinambela' to '(tanpa subjek)'. The subject line is '(tanpa subjek)'. The email content reads: 'Dear Editor Board International Journal of Scientific & Technology Research. Herewith, I attach my manuscript due to file size more than 10 MB. Actually, I've already submitted by online submission web page but I didn't ensure it was successfully accepted by system. My article ID: IJSTR-0919-22388. Also, I attach registration form and copy right transfer. Thank you for kind cooperation. Sincerely, Rismen Sinambela'. The email is dated 'Rab, 14 Agu 2019, 21:34'. The Gmail interface includes a left sidebar with 'Kotak Masuk', 'Berbintang', 'Ditunda', 'Penting', 'Terkirim', 'Draf', 'Kategori', 'Sosial', 'Update', 'Forum', 'Promosi', and 'Selengkapnya'. The bottom of the screen shows the Windows taskbar with the date '25/01/2024' and time '16:54'.

Dari: **Scientia Horticulturae** <eesserver@eesmail.elsevier.com>

Date: Sel, 7 Jan 2020 03.02

Subject: HORTI27095

To: <rismensinambela@gmail.com>

Ref.: Ms. No. HORTI27095

APPLICATION OF AN INDUCTIVE SENSOR SYSTEM FOR IDENTIFYING RIPENESS
AND FORECASTING HARVEST TIME OF OIL PALM

Scientia Horticulturae

Dear Dr Sinambela,

I can now inform you that the Editorial Board has evaluated the manuscript HORTI27095:
APPLICATION OF AN INDUCTIVE SENSOR SYSTEM FOR IDENTIFYING RIPENESS
AND FORECASTING HARVEST TIME OF OIL PALM.

You are advised that the manuscript is not acceptable for publication at this time, but could be reconsidered for publication after major revision and additional peer review.

The comments below should be taken into account when revising the manuscript for resubmission. Along with your revised manuscript, you will need to supply a covering letter in which you list all the changes you have made to the manuscript, and in which you detail your responses to all the comments passed by the reviewer(s) and the Editor. Should you disagree with any comment(s), please explain why.

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Your username is: rismensinambela@gmail.com

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John PATRICK Bower, PhD
Editor

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Scientia Horticulturae

E-mail : sci_horti@elsevier.com

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Reviewer #1: Article Type: Research Paper

Identifying of ripeness and forecasting of the harvest time of the oil palm is a very significant problem in terms of the profitability and marketability of the product. I think the study is important to contribute to the solution of this problem.

Abstract: there is no problem

Keywords: There is no problem.

Introduction: Adequate in terms of explaining the aim and significance of the study.

Materials and Methods: There is no problem.

Results and discussion: There is no problem

Reference: There are a few problems. The references on the part of discussion must be controlled. For example, "Abdullah et al. (Abdullah et al., 2001)" must be corrected as 'Abdullah et al. (2001).

Reviewer #2: General Comment

Certain specific statements were not referenced.

Non continuous line number make the review of the manuscript a bit difficult.

Abstract

The concluding statement in the abstract should be rewritten

Introduction

line 4-7 should be properly referenced Page 1

line 7-11 should be properly referenced page 1

line 2-6 the concluding statement under introduction should be deleted page 3

line 6-7 I noted certain inconsistency in the manuscript. The adjustable handle length was given as 9 m max in the materials and method Page 4 while the same component was reported as 10 m max in the discussion page 11.

Equation 6 H_t was not defined.

line 15 page 6 "a good model should have a low rmse and high R square" so how low is 13.45?

I think using MathType will give a better equation

line 4, 7, 12 page 7 'was' should be replaced with 'were'

Results

line 14 page 7 'to the' should be replaced with 'in accordance with'

line 15 'Misron et al.,(Misron et al., 2017)' should be replaced with "Misron et al., (2017)

Page 8 for the model, cross-validation technique was used and a total of 600 samples was employed. what percentage of these sample used for training and what was the percentage used for validation? I also do think that the table of cross-validation should be presented.

line 21 'this is the best way to obtain the highest' should be replaced with "this method produced".

line 15-16 what is the optimum harvest days 90 days after anthesis? please more information should be provided on this.

line 22 page 10 "Saeed et al., (Saeed et al., 2012)" to be replaced with "Saeed et al., (2012).

line 24 "Abdullah et al.(Abdullah et al., 2001)" to be replaced with "Abdullah et al., (2001).

line 25-26 page 10 "Alfatni et al. (Alfatni et el., 2014)" to be replaced with "Alfatni et el., (2014).

line 6 page 11 "In contrast to this study, we" to be replaced with "In contrast this study".

Editor:

The manuscript is acceptable for publication, after some revision. Please see the comments above for help in this regard.

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