

Dissertation

**UTILIZATION OF SILICA NANOPARTICLE FOR THE CONTROL OF
SHEATH ROT DISEASE (*Sarocladium oryzae* and *Fusarium spp.*)
AND IMPROVEMENT OF RICE SEED QUALITY**

submitted to
Program Study of Agricultural Science
Major in Phytopathology
for the Degree of Doctor



submitted by
Hoerussalam
22/499379/SPN/00715

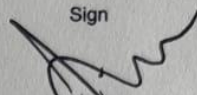
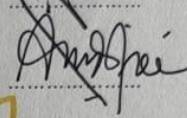

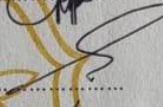


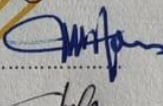
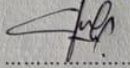
to
POSTGRADUATE PROGRAM
FACULTY OF AGRICULTURE
UNIVERSITAS GADJAH MADA
YOGYAKARTA
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This dissertation was declared acceptable in partial fulfillment of the requirements for the
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