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Professor & Head

CERTIFICATE

This is to certify that Ms. Priyanka Bhattacharjee has prepared the thesis entitled "Molecular detection and diversity analysis of Bipolaris sorokiniana (Sacc.) Shoemaker and induction of resistance in Sorghum bicolor (L). Moench using bioinoculants" for the award of Ph.D. degree of the University of North Bengal under my guidance. She has carried out the work at the Department of Botany, University of North Bengal. The results incorporated in this thesis have not been submitted for any other degree elsewhere.

[Dr. Arnab Sen] Professor (Supervisor)

University of North Bengal Department of Botany University of North Bengal

Date: 4.5.2018



Urkund Analysis Result

Analysed Document: priyanka_botany-min.pdf (D37766259)

Submitted: 4/20/2018 8:54:00 AM Submitted By: nbuplg@gmail.com

Significance: 3 %

Sources included in the report:

http://doras.dcu.ie/18549/

http://www.pakbs.org/pjbot/PDFs/41(3)/PJB41(3)1433.pdf

http://www.kigexports.com/sorghum.html

http://www.hrsacademy.in/wp-content/uploads/2016/11/Book-of-Agronomy.pdf

https://www.ecronicon.com/ecmi/pdf/ECMI-06-00169.pdf

https://link.springer.com/article/10.1007/s00284-007-0035-z

http://oar.icrisat.org/3041/1/Global_sorghum_production_scenario.pdf

https://en.wikipedia.org/wiki/Cochliobolus_sativus

http://www.iosrjournals.org/iosr-javs/papers/vol3-issue6/H0363744.pdf

http://www.academia.edu/35549374/

Biochemical_Responses_in_and_to_spot_blotch_diseaseand_induction_of_resistance_by_Plant_G

rowth_Promoting_Rhizobacteria_Sorghum_bicolor_Triticumaestivum

http://agri.kkwagh.edu.in/Theory%20N/kharif%20crops-I%20notes.pdf

http://www.fao.org/docrep/006/Y4011E/y4011e0k.htm

https://www.uaex.edu/publications/PDF/MP297/6_diseases.pdf

http://krishikosh.egranth.ac.in/bitstream/1/68426/1/bhupinder.pdf

Instances where selected sources appear:

29

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Buyanka Bhattachagee