INTERNATIONAL JOURNAL OF PLANT PROTECTION
VOLUME 10 | ISSUE 1 | APRIL, 2017 | 151-156

● e ISSN-0976-6855 | Visit us : *www.researchjournal.co.in*

IJPP

RESEARCH PAPER

DOI : 10.15740/HAS/IJPP/10.1/151-156

Bio-efficacy and phytotoxicity study of pyraclostrobin 133g/l + epoxyconazole 50 g/l SE(Opera 18.3% SE) against Sigatoka leaf spot disease of banana caused by *Mycosphaerella musicola*

■ N.THAMMAIAH* AND G.S.K. SWAMY[1]

Department of Plant Pathology, College of Horticulture, MYSURU (KARNATAKA) INDIA
[1]Department of Fruit Science, College of Horticulture, MYSURU (KARNATAKA) INDIA

ARITCLE INFO

Received : 25.01.2017
Revised : 22.03.2017
Accepted : 26.03.2017

KEY WORDS :
Banana, Sigatoka leaf spot,
Mycosphaerella musicola

***Corresponding author:**
nthammaiah@gmail.com

ABSTRACT

Two to three sprays of pyraclostrobin 13.3% + epoxyconazole 5%(Opera 18.3%)@0.15% effectively controlled the Sigatoka leaf spot disease but this treatment was as par with propiconazole 0.1 per cent. The next best treatments were pyraclostrobin 13.3% + epoxyconazole 5% (Opera 18.3%)@0.125% and epoxyconazole 7.5%EC.With regard to yield, the treatment propiconazole @ 0.1 % recorded the highest yield of 31.94 t/ha followed by pyraclostrobin 13.3% + epoxyconazole 5%@0.15% (29.95 t/ha) and it was lowest in control. Phytotoxicity symptoms like chlorosis, necrosis, wilting, scorching, hyponasty and epinasty were not noticed in any of the treatments.

How to view point the article : Thammaiah, N. and Swamy, G.S.K. (2017). Bio-efficacy and phytotoxicity study of pyraclostrobin 133g/l + epoxyconazole 50 g/l SE(Opera 18.3% SE) against Sigatoka leaf spot disease of banana caused by *Mycosphaerella musicola. Internat. J. Plant Protec.*, **10**(1) : 151-156, **DOI : 10.15740/HAS/IJPP/10.1/151-156**.