



**ISPP**

## **International Society for Plant Pathology**

(Professor Greg Johnson, President)

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### **July 2018 Committee Report to the ISPP Executive Committee on the ISPP Chemical Control subject matter committee**

*Please complete your report using this proforma*

Return the completed report by email to Peter Williamson, Business Manager, ISPP ([businessmanager@isppweb.org](mailto:businessmanager@isppweb.org)), copy to Serge Savary ([Serge.Savary@toulouse.inra.fr](mailto:Serge.Savary@toulouse.inra.fr)) by 15 June, 2018

#### **Subject Matter Committee**

ISPP subject matter committee: Crop Losses

**Established:** August 26, 2013, Beijing.

#### **Web address for SMC**

no specific web address

#### **Name (s) of personnel preparing report**

Serge Savary

#### **Nominated Officers**

Is the list for your SMC on the ISPP website correct? yes

#### **Current membership**

(See table attached)

#### **Committee Meetings:**

- Beijing, Aug 2013
- Boston, July 2018

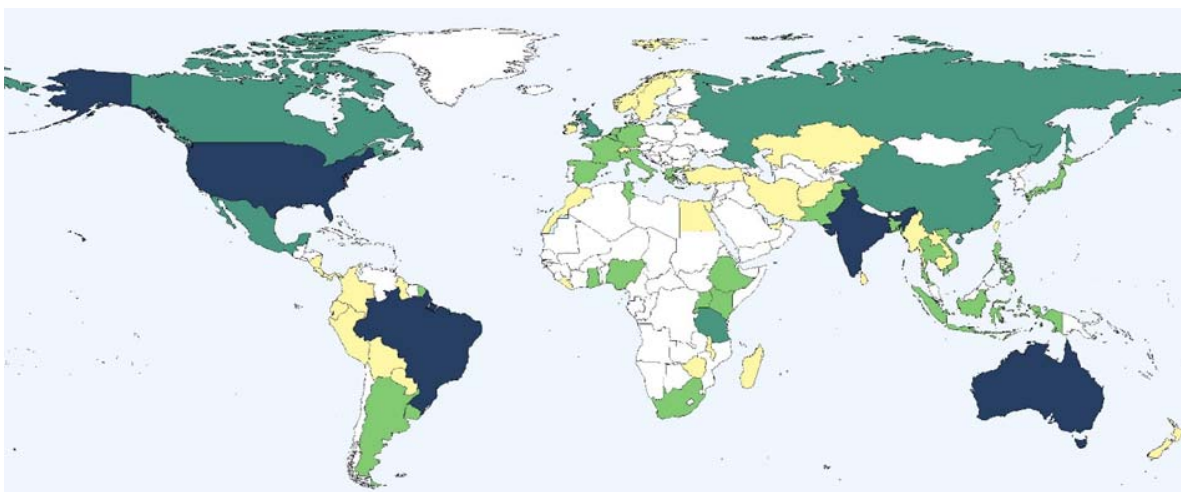
#### **Committee Activities:**

As discussed during its meeting in Beijing (ICPP, 2013), a global survey on crop losses was undertaken across the membership of the ISPP, with support of the ISPP executive. This has led to a series of reports that have been posted on the ISPP Newsletter. The ISPP News Letter of April 2017 provides an overview of results.

**Figure 1** Number of unique respondents<sup>1</sup> per country<sup>2</sup>

<sup>1</sup> Note that a respondent can represent one or more responses.

<sup>2</sup> The boundaries, colours, denominations, and other information shown on this map do not imply any



judgment on the part of the ISPP or the authors or the respondents concerning the legal status of any territory or the endorsement or acceptance of such boundaries

**Table 2** Number of responses recorded for the most cited diseases and pests per crop

Wheat		Rice		Maize		Potatoes		Soybean	
Disease or pest	Resp <sup>1</sup>	Disease or pest	Resp <sup>1</sup>	Disease or pest	Resp <sup>1</sup>	Disease or pest	Resp <sup>1</sup>	Disease or pest	Resp <sup>1</sup>
Tritici blotch	60	Blast	52	F&G <sup>3</sup> ear rots	18	Late blight	63	Soybean rust	30
Stripe rust	44	Bacterial blight	36	Northern leaf blight	16	Early blight	27	White mold	15
FHB <sup>2</sup> - Scab	41	Rice tungro	23	F&G <sup>3</sup> stalk rots	15	Common scab	15	Downy mildew	15
Leaf rust	33	Brown spot	22	Southern rusts	13	Verticillium wilt	11	Cyst nematode	10
Tan spot	25	Stem borers	20	Maize streak	9	Cyst nematode	11	Rhizoctonia blight	9

<sup>1</sup> Number of responses

<sup>2</sup> Fusarium head blight

<sup>3</sup> Fusarium and Gibberella

### Additional work identified:

In its next meeting to be held during the ICPP of Boston, the Crop Loss SMC will discuss

- any suggestion from its members to forward or initiate collective action about the assessment, analysis, and modeling of crop losses,
- including, perhaps, the continuation of the survey exercise undertaken during 2018-2023.

Submitted by  
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