## The Compendium of Hop Diseases, Arthropod Pests and Other Disorders

Sarah J. Pethybridge<sup>1</sup>, Walt Mahaffee<sup>2</sup>, and David Gent<sup>3</sup>

<sup>1</sup> Tasmanian Institute of Agricultural Research (TIAR), University of Tasmania Cradle Coast Campus,

P.O. Box 3523, Burnie, TAS 7320, Australia

<sup>2</sup>USDA-ARS, Horticultural Crops Research Laboratory, 3420 NW Orchard Avenue, Corvallis, Oregon 97300, United States of America <sup>3</sup>USDA-ARS, USDA-ARS Forage Seed and Cereal Research Unit, 3450 SW Campus Way, Corvallis, Oregon 97331, United States of America (email: sarah\_jp@utas.edu.au)

## What is the Compendium?

The Compendium of Hop Diseases, Arthropod Pests and Other Disorders, is currently being prepared for publication by the American Phytopathological Society Press as part of their series of compendia. The Compendium will have broad appeal for growers, advisers, scientists and home gardeners.

## What does it contain?

The Compendium includes introductory chapters on the taxonomy and distribution of *Humulus lupulus*, commercial and home production, hop use and chemistry, and a list of the world varieties and their characters, in addition to sections on diseases, pests and disorders. In general, all sections are written by experts from at least two different countries. To ensure broad acceptance of this compendium each section has been reviewed by experts from alternative production regions. The authors represent researchers, brewers, private breeders, and private consultants from nine countries.

In general, for each disease, pest and disorder, information is presented on the symptoms, causal agent, disease cycle and epidemiology, management, and a small number of selected references. Colour photos are integrated within the text will be a feature of this publication. The images within the compendium will also be published as part of a companion image collection on a CD-Rom which will be sold together with the compendium or as separate items.

## Who is supporting and contributing to the Compendium?

The compendium is being supported by brewers, various hop industry organizations and individual growers, including:

Busch Agricultural Resources Inc. Hop Products Australia

Roy Farms, Inc.

Sierra Nevada Brewing Company
J.I. Haas, Inc.

SS Steiner, Inc.

Washington Hop Commission Oregon Hop Commission

US Hop Industry Plant Protection Committee Miller Brewing Company University of Tasmania USDA - ARS

Commitments have also been made in advance from several companies for substantial purchases of the compendium.

