

Legume Nodulation

A GLOBAL PERSPECTIVE

Janet I Sprent



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Janet I. Sprent



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with their host plants including nodulation and symbiotic nitrogen fixation plant and microbial omics cyanobacteria diazotrophs and non legumes field studies and inoculum preparation as well as nitrogen fixation and cereals Covering the full breadth of current nitrogen fixation research and expanding it towards future advances in the field Biological Nitrogen Fixation will be a one stop reference for microbial ecologists and environmental microbiologists as well as plant and agricultural researchers working on crop sustainability The British National Bibliography Arthur James Wells,2009

Nitrogen-fixing Leguminous Symbioses Michael J. Dilworth,Euan K. James,Janet I. Sprent,William E. Newton,2010-11-18 Nodules produced on legume roots by root nodule bacteria provide the major nitrogenous input into natural and agricultural systems worldwide This book provides an in depth and up to the minute analysis of what is known about this symbiosis its origins the process of nodule formation and development and the biochemistry and genetics of nodular nitrogen fixation It also reviews the physiology of the root nodule bacteria themselves their ecology in both natural and agricultural systems and how we can introduce new legumes along with the bacteria they require This book is recommended for scientists working with root nodule bacteria or host legumes agronomists forestry scientists and soil scientists **Nodulation in Legumes** Janet I. Sprent,2001 The aim of this book is to provide an up to date picture of the nodulation status of legumes using largely the same taxonomic system as its companion volume Legumes of the World Back cover

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