

1. Record Nr.	UNINA9910144654703321
Titolo	Better crops for food // Ciba Foundation
Pubbl/distr/stampa	London, [England] : , : Pitman Books Ltd., , 1983 Newark, New Jersey : , : CIBA Pharmaceutical Company (Medical Education Division), , [date of distribution not identified] ©1983
ISBN	1-283-57216-8 9786613884619 0-470-72078-6 0-470-71848-X
Descrizione fisica	1 online resource (256 p.)
Collana	Ciba Foundation Symposium ; ; 97
Altri autori (Persone)	O'ConnorMaeve NugentJonathan
Disciplina	631.5
Soggetti	Food crops Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Better crops for food; Contents; 1 Chairman's introduction; 2 Better crop for food - an overview; Crop production systems; The relevance of research; World hunger; REFERENCES; DISCUSSION; 3 Nutritional aspects of improvements in legume seed crops; Dietary considerations; REFERENCES; DISCUSSION; REFERENCES; 4 Status of new nitrogen inputs for crops; Nitrogen and crop production: past, present, future; The knowledge base for nitrogen input; Future technologies for nitrogen input; Summary; REFERENCES; DISCUSSION; REFERENCE 5 Variation in and genetics of certain antinutritional and biologically active components of soybean seedKunitz trypsin inhibitor; Lectin; - Amylase; Lipoxygenase-1; Conclusions; REFERENCES; DISCUSSION; REFERENCES; 6 Crops tolerant of salinity and other mineral stresses; Mineral stresses; A new approach; Salinity; Development of salt-tolerant crops; What shall we aim for?; What means shall we use?; REFERENCES; DISCUSSION; REFERENCES; 7 Intercropping studies with

annual crops; Better use of environmental resources; Legume benefits; Control of weeds, pests and diseases; Yield stability  
Intercropping in developed situations REFERENCES; DISCUSSION; 8  
Multiple land-use and agroforestry; Multiple land-use systems; Agroforestry; Plant species for agroforestry; The systems perspective of agroforestry; Whither agroforestry?; REFERENCES; DISCUSSION; REFERENCE; 9 An integrated disease and pest management scheme, EPIPPE, for wheat; The food production dilemma; The ecological dilemma; Crop protection and food production; Systems analysis in crop protection; The EPIPPE example; The context problem; Future prospects; REFERENCES; DISCUSSION; REFERENCE  
10 Maximizing hybrid vigour in autotetraploid alfalfa Maximum heterozygosity in diploids and autotetraploids; Minimizing heterozygosity for selection in autotetraploids; Novel methods for maximizing hybrid vigour in autotetraploids; REFERENCES; DISCUSSION; 11 New food legume crops for the tropics; Velvet bean; Rice bean; Bambara groundnut; Winged bean; Conclusion; REFERENCES; DISCUSSION; REFERENCES; 12 Germplasm preservation; Maintenance under minimal growth conditions; Storage of plant cells and tissues in undercooled conditions; Cryogenic storage of plant cell and tissue cultures; REFERENCES  
DISCUSSION 13 Somaclonal variation and genetic improvement of crop plants; Somaclonal variation; Presumptive generalities; Origin of somaclonal variation; Conclusions; REFERENCES; DISCUSSION; REFERENCES; General discussion; Possible roles of somaclonal variation in breeding; REFERENCES; 14 Applications of molecular biology in plant breeding: the detection of genetic variation and viral pathogens; Cytoplasmic variation and the southern corn leaf blight epidemic in maize; Detection of mitochondrial DNA variation; Characterization of plant genotypes using a rapid tissue hybridization method  
The detection of viral pathogens by a molecular hybridization assay

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