

groundnuts better farming series pdf

Mutation breeding, sometimes referred to as "variation breeding", is the process of exposing seeds to chemicals or radiation in order to generate mutants with desirable traits to be bred with other cultivars. Plants created using mutagenesis are sometimes called mutagenic plants or mutagenic seeds. From 1930 to 2014 more than 3200 mutagenic plant varieties were released that have been derived ...

Mutation breeding - Wikipedia

Climate-smart agriculture (CSA) goes beyond new technologies and practices like drought resistant varieties or precision farming. To achieve the multiple objectives of productivity and food security, enhanced farmer resilience and reduced greenhouse gas emissions, CSA must adopt various systems perspectives. These include landscapes and ecosystems, as well as value chains.

Systems approaches | Climate-Smart Agriculture Guide

A large-scale, drought-induced famine occurred in Africa's Sahel region and many parts of the neighboring Sahel River Area from February to August 2010. It is one of many famines to have hit the region in recent times. The Sahel is the ecoclimatic and biogeographic zone of transition between the Sahara desert in the north of Africa and the Sudanian savannas in the south, covering an area ...

2010 Sahel famine - Wikipedia

The impact of agricultural extension services in the context of a heavily subsidized input system: The case of Malawi

The impact of agricultural extension services in the

FAOSTAT provides free access to food and agriculture data for over 245 countries and territories and covers all FAO regional groupings from 1961 to the most recent year available.

FAOSTAT - Food and Agriculture Organization

Notes on Taxonomy and Nomenclature Top of page. *Megathyrsus maximus* was formerly known as *Panicum maximum*, placed in a subgenus of *Panicum*, within the grass subfamily Panicoideae. This subfamily includes over 3000 species, approximately 500 of them in the polymorphic and polyphyletic genus *Panicum*. *P. maximum* was the sole species in *Panicum* subgenus *Megathyrsus*, now elevated to genus rank.

Megathyrsus maximus (Guinea grass) - CABI.org

Highlights We define the concepts relevant for yield gap analysis. We review different methods for local and global yield gap analyses. Global methods are coarse and local studies use different methods. A number of methods is compared using data sets from three regions. Components of a protocol for global yield gap analysis with local relevance are proposed.

Yield gap analysis with local to global relevance – A review

The Federal Republic of Nigeria, commonly referred to as Nigeria (/ n aÉa È^ dÊ' ÉaÉ™r i É™ / ()), is a federal republic in West Africa, bordering Niger in the north, Chad in the northeast, Cameroon in the southeast, and Benin in the west. Its coast in the south is located on the Gulf of Guinea in the Atlantic Ocean. The federation comprises 36 states and 1 Federal Capital Territory, where the ...

Nigeria - Wikipedia

E. colona is a cosmopolitan weed common in crops (mainly rice, maize and vegetables), gardens, roadsides,

disturbed sites, waste areas and pastures....

Echinochloa colona (junglerice)

Situation Analysis of Children and Women in the Gambia. DRAFT Report . Acknowledgements was raised by women. This was due in part to small scale farming, a lack of water and pervasive animal grazing. ... Credit buying of groundnuts by parastatals is an issue for both women and men as payment for production is often delayed for up to six ...

Situation Analysis of Children and Women in the Gambia

Irrigation scheduling research: South African experiences and future prospects . JG Annandale I, *; RJ Stirzaker I,II, A Singels I,III, M van der Laan I,III; MC Laker I. I Department of Plant Production and Soil Science, University of Pretoria, Private Bag X20, Hatfield, Pretoria 0028, South Africa II CSIRO Land and Water, PO Box 1666, ACT 2601, Australia

Irrigation scheduling research: South African experiences

Out of the Abyss.Levels 1-15. Sep 15, 2015. (The Underdark is a subterranean wonderland, a vast and twisted labyrinth where fear reigns. It is the home of horrific monsters that have never seen the light of day.

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