

A to Z of *Jatropha curcas* L.

Pre-conference workshop JatrophaWorld
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Dr. R.E.E. (Raymond) Jongschaap

L.R. (Luis) Montes Osorio, Ph.D.

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Introduction

- Raymond Jongschaap (1968), the Netherlands
 - Wageningen University - Tropical crop science
 - Sustainable farming systems
 - Bio-energy
 - Dynamic simulation modelling (plant and soil processes)
 - Remote sensing



Introduction

- Luis Montes (1976), Guatemala
 - Wageningen university- Plant breeding
 - San Carlos University, Faculty of Agriculture, Guatemala.
 - Molecular markers (DNA)
 - Tomato and potatoes
 - Cassava



Introduction

- Wageningen University and Research centre
 - Wageningen University
Plant Breeding
 - PhD research *Jatropha curcas* breeding
 - Plant Research International BV
Agro-systems research and Plant Breeding
 - Global *Jatropha curcas* Evaluation Program
 - Agro-technology and Food innovations
 - Pressing efficiency of *Jatropha curcas*



botany

(bio-diversity)

genetic recourses

Jatropha Chain

breeding

multiplication

growing (agronomy / agro systems¹)

harvesting

pressing

hulls ————— lignocellulose

cake ————— proteins

oil

refining

electricity

bio-diesel

logistics

safety

economics

sustainability

social aspects

(by-product valorization)

microbial
treatment



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Convention on Biological Diversity (CBD)

- www.cbd.int
- Competent National Authority
 - Declare competent to authorize research/exploitation
 - Material Transfer Agreements
- National Focus Point
- Prior Informed Consent



Outline 5 interactive modules

Module	Title
1	Introduction to the role of <i>Jatropha curcas</i> in bio-fuel supply
2	Claims and Facts on <i>Jatropha curcas</i> L.
3	Agronomy
4	Genetics, breeding and propagation techniques
5	Processing



Workshop process

- **Not a 1-way monologue**

A workshop!

- **Interaction**
 - Questions
 - Discussions
 - Voting



Let's start...

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