

Agricultural Sustainability and Food Security to a Changing Climate

The role of forgotten crops towards agricultural sustainability and food security in a changing climate

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UNIVERSIDADE
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INSTITUTO
SUPERIOR DE
AGRONOMIA
Caminhos & Cereais

LEAF
Agricultural Envelope
Agroforestry Envelope



PROGRAMA DE
DESENVOLVIMENTO
RURAL 2014-2020

PORTUGAL
2020

European Union
European-Regional
Development Fund

This section contains a grid of 30 slides, each marked with a star at the bottom right. The slides cover various topics related to forgotten crops:

- 1. Title slide: "The role of forgotten crops towards agricultural sustainability and food security in a changing climate".
- 2. Infographic: "Can We Feed Earth's 9 Billion by 2050?".
- 3. Diagram: "MORE LAND" showing population growth, food and housing needs, and natural resources depletion.
- 4. Infographic: "There are over 50,000 crop species classified as suitable for food and feed, yet only an estimated 20 species account for 90% of global food production".
- 5. Diagram: "Climate Change" and its impact on agriculture.
- 6. Diagram: "Orphan Crops" and their contribution to yield and nutritional quality.
- 7. Text: "We need to innovate in how we eat and farm".
- 8. Text: "ORPHAN FORGOTTEN NEGLECTED CROPS" from FAO.
- 9. Infographic: "Orphan Crops" benefits: Tolerant to Environmental Stressors, Provide Nutritious and Healthy Food, Versatile / Multipurpose.
- 10. Text: "Orphan Crops" challenges.
- 11. Text: "Orphan Crops Challenges".
- 12. Text: "Lablab purpureus (L.) Sweet".
- 13. Diagram: "ORIGIN AND DOMESTICATION".
- 14. Map: "Worldwide distribution and suitability".
- 15. Text: "Why Lablab?".
- 16. Diagram: "Lablab purpureus (L.) Sweet TRACE ELEMENTS BEHAVIOUR".
- 17. Text: "Marginal Land | Traditional Olive Orchards areas".
- 18. Diagram: "Marginal Land | Mining areas of the IBERIAN PYRITE BELT".
- 19. Diagram: "Salinization" and "Desalinization" processes.
- 20. Text: "Why Lablab?".
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- 22. Text: "Marginal Land | Traditional Olive Orchards areas".
- 23. Diagram: "Marginal Land | Mining areas of the IBERIAN PYRITE BELT".
- 24. Diagram: "Lablab purpureus (L.) Sweet TRACE ELEMENTS BEHAVIOUR".
- 25. Diagram: "Salinization" and "Desalinization" processes.
- 26. Text: "Rotation with industrial crops (green manure) | water efficiency".
- 27. Diagram: "Lablab bean | Fatty acids".
- 28. Text: "Orphan Crops" benefits.
- 29. Diagram: "A ROADMAP FOR BREEDING ORPHAN CROPS".
- 30. Text: "STERCIL".