
Restoration Agriculture:
The role of Nut Trees in the European Landscape
Restoration Agriculture and Development: Restorationag.com
Forest Agriculture Enterprises LLC: Forestag.com


Restoration Ecology + Agriculture =
RAD
RESTORATION
AGRICULTURE
DEVELOPMENT
Providing services in consulting, designing and building of restorative ecological agricultural systems.
Learn more at restorationag.com


We turn this…


Into THIS…


This…


Into THIS…


This…
2012
Into this…
2022


This…
1995
Into THIS…
2022



AGRICULTURE

$30.00

"A fascinating vision for recasting our relationship to nature and the land."

ANNA LAPPÉ, XXXXXXXXXXXXX

NIEA WINNER NATIONAL INDIE EXCELLENCE® AWARDS

THE ERIC HOFFER AWARD Excellence in Independent Publishing

2015 WINNER

reveals how to sustainably grow perennial food crops tha
mpromised future.
d is too often overlooked in the quest to get it into our
ost people get their calories from "annual" agriculture.
lrates, proteins and oils that feed humanity are from an-
ast for one season, produce lots of seeds, then die. Rice,
from annual plants. But human cultures have only relied
s staple food crops for 10,000 years. In addition to requiring
olants have carried with them another curse. Every single hu-
ied on annual crops as staple foods in their diet has collapsed.
ulture system described in this book works! It is possible for
ple foods using perennial agricultural ecosystems that actually improve the quality of the environment. This can be done on a backyard, farm or ranch scale and is needed right now — on a global scale.

Restoration Agriculture explains how we can have all of the benefits of natural, perennial ecosystems and create agricultural systems that imitate nature in form and function while still providing for our food, building, fuel and many other needs. Using the restoration agriculture system, an oak savanna mimic will produce more than twice the number of edible human calories per acre as an average acre of corn, never needs to be planted again, prevents erosion, creates oil, and can be managed with no fossil fuel inputs. This book, based on real-world practices, presents an alternative to the agriculture system of eradication and offers exciting hope for our future.



MARK SHEPARD heads Forest Agriculture Enterprises and runs New Forest Farm, an 106-acre commercial-scale perennial agricultural ecosystem that was converted from a row-crop grain farm. Trained in mechanical engineering and ecology, Mark has combined these two passions to develop equipment and
cultivation, harvesting and processing of forest-derived agricultural products for human foods and biofuel production.Mark is a certified permaculture designer and teaches agroforestry and permaculture around the world. He lives with his wife Jen and two sons, Erik and Daniel, in Richland County, Wisconsin.

THE DA VINCI EYE FINALIST The Eric Hoffer Book Award

Acres U.S.A. *www.acresusa.com*

Restoration Agriculture

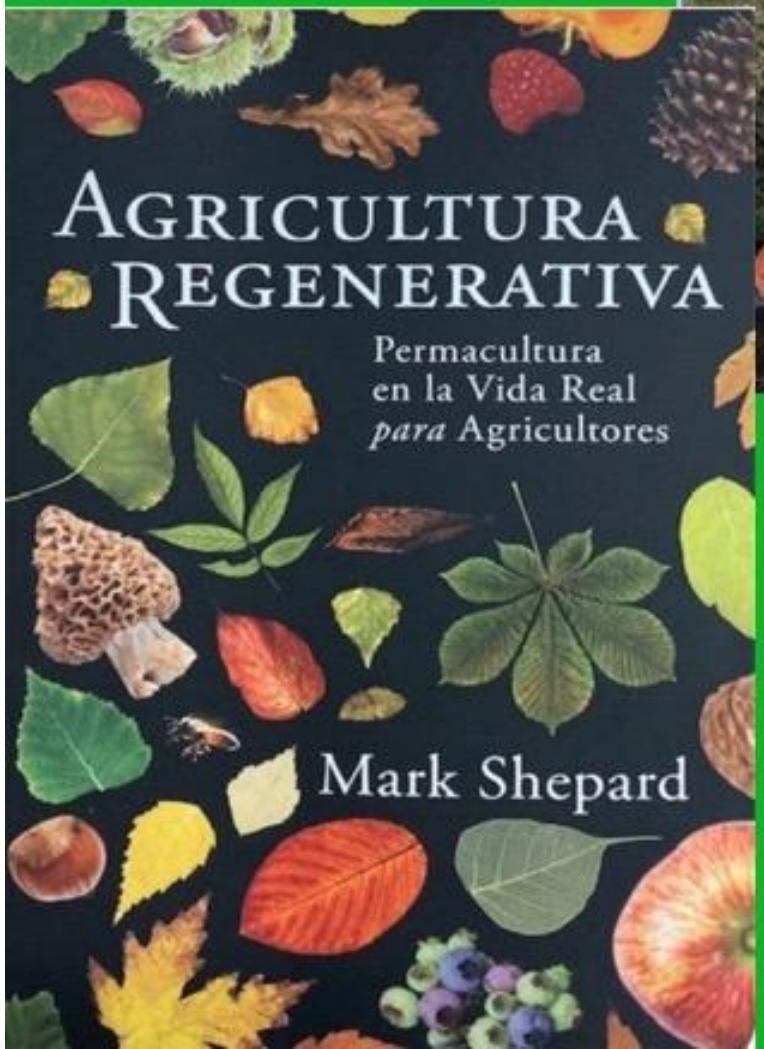
PERENNIAL PERMACULTURE FOR THE FARM

Acres U.S.A.

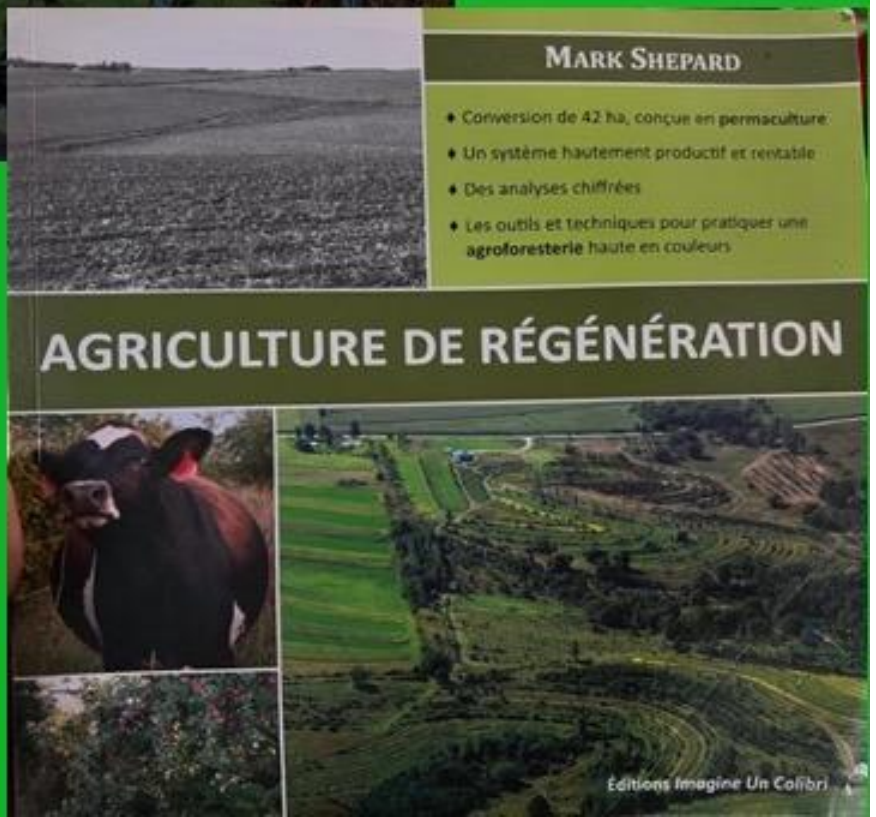
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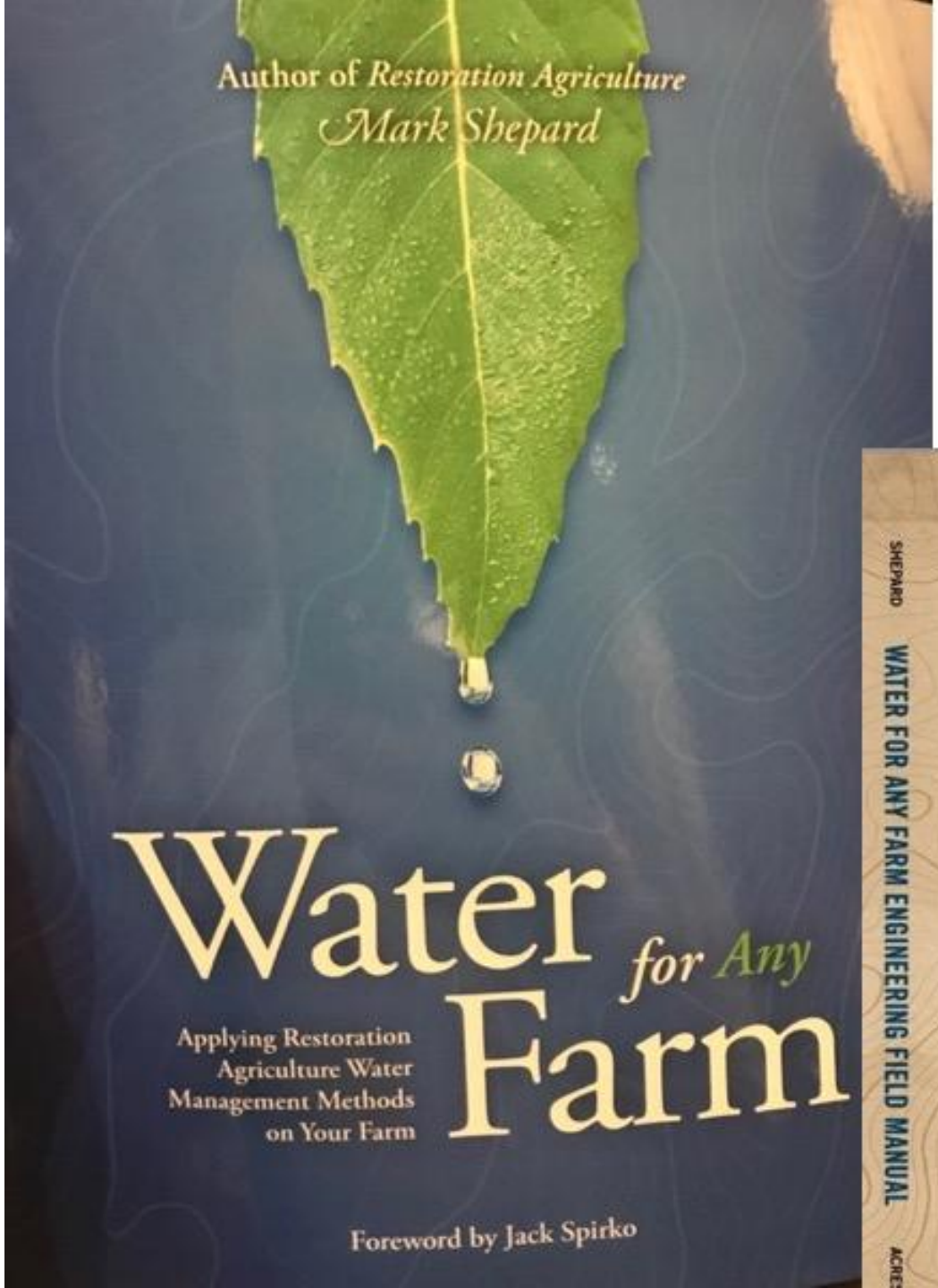
Real-World Permaculture *for* Farmers

Mark Shepard

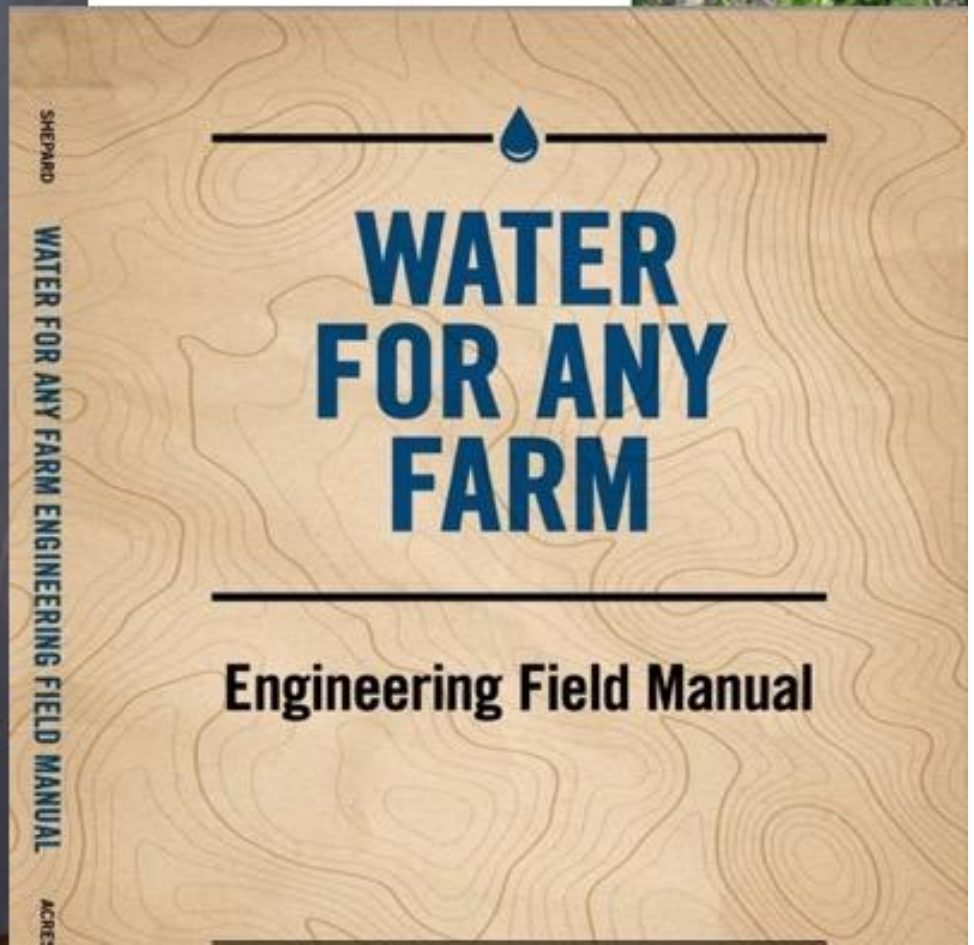

AGRICULTURA
REGENERATIVA
Permacultura
en la Vida Real
para Agricultores
Mark Shepard


MARK SHEPARD
Herstellende
landbouw
Agro-ecologie voor boeren,
burgers en buitenlui


MARK SHEPARD
• Conversion de 42 ha, conçue en **permaculture**
• Un système hautement productif et rentable
• Des analyses chiffrées
• Les outils et techniques pour pratiquer une **agroforesterie** haute en couleurs
AGRICULTURE DE RÉGÉNÉRATION
Éditions Imagine Un Colibri

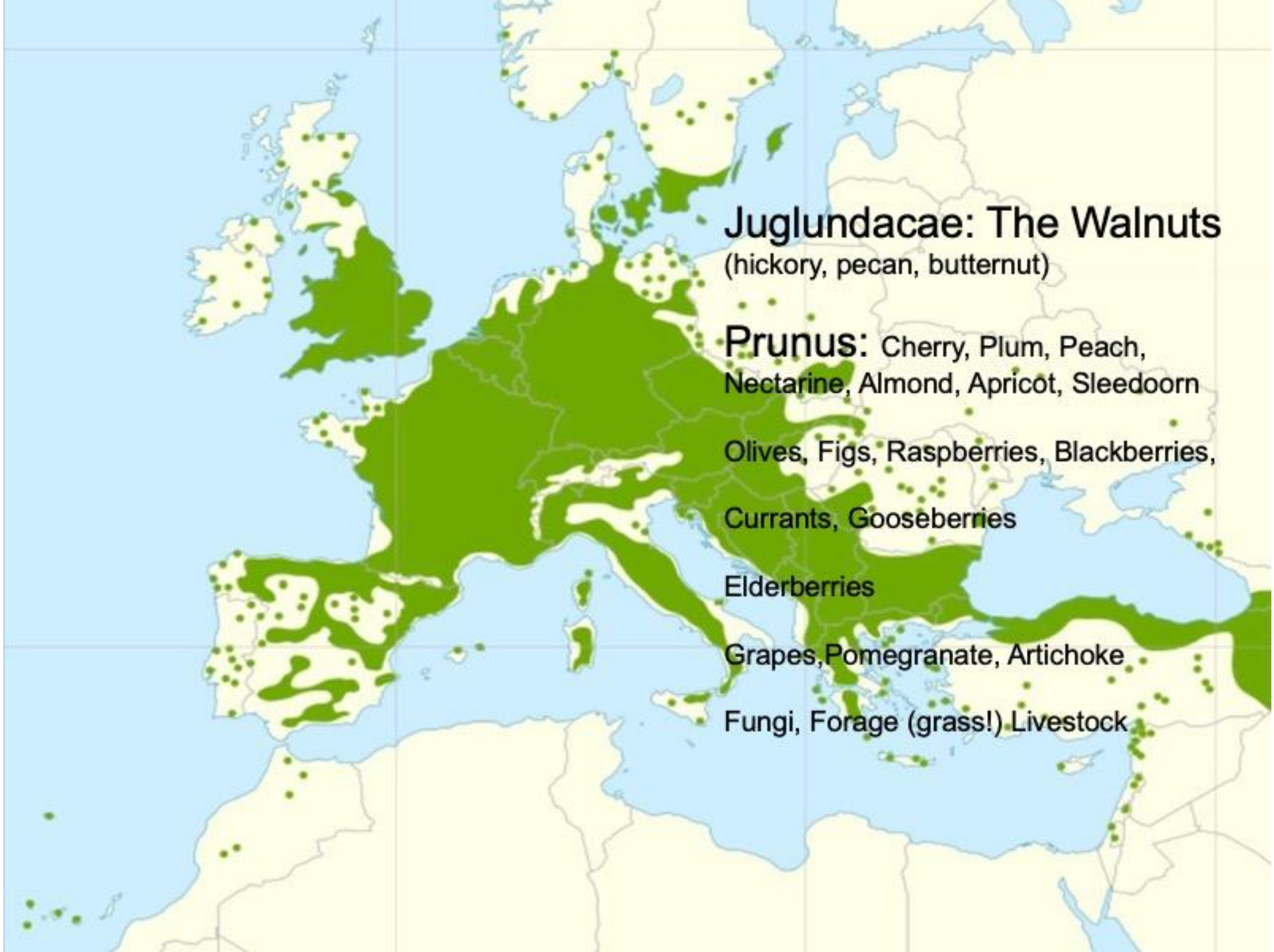

Author of *Restoration Agriculture*
Mark Shepard
Water for Any Farm
Applying Restoration Agriculture Water Management Methods on Your Farm
Foreword by Jack Spirko

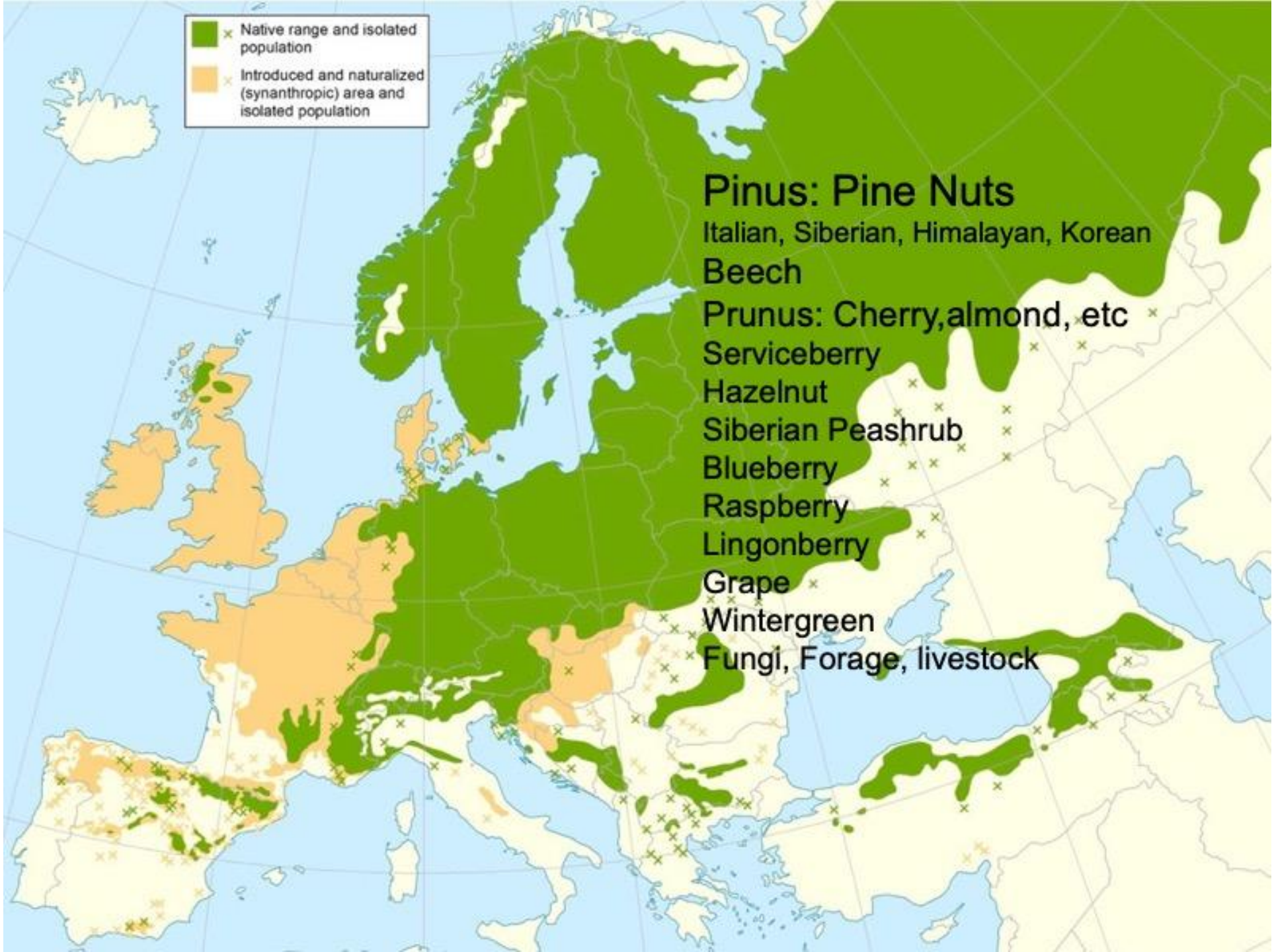

Soil Nutrition Handbook
Understanding soil & soil reports


SHEPARD
WATER FOR ANY FARM ENGINEERING FIELD MANUAL
WATER FOR ANY FARM
Engineering Field Manual

What role might nuts play in the Belgian landscape?


Native range
Isolated population
Introduced and naturalized (synanthropic)
Oak woodland, wood pasture, savanna, dehesa complexes in Europe
Fagacea: Oak,Chestnut, Beech
Apple
Hazelnut
Prunus: plum, cherry, peach, almond, apricot
Raspberry, grape, currant
Fungi, forage, livestock


Juglundacae: The Walnuts
(hickory, pecan, butternut)
Prunus: Cherry, Plum, Peach,
Nectarine, Almond, Apricot, Sleedoorn
Olives, Figs, Raspberries, Blackberries,
Currants, Gooseberries
Elderberries
Grapes,Pomegranate, Artichoke
Fungi, Forage (grass!) Livestock


Native range and isolated population
Introduced and naturalized (synanthropic) area and isolated population
Pinus: Pine Nuts
Italian, Siberian, Himalayan, Korean
Beech
Prunus: Cherry,almond, etc
Serviceberry
Hazelnut
Siberian Peashrub
Blueberry
Raspberry
Lingonberry
Grape
Wintergreen
Fungi, Forage, livestock
















THE TRISTATECITIES NETWORK: A EUROPEAN METROPOLIS IN VISUALIZATION
TRISTATECITIES NETWORK OVERVIEW
Total Population: 30M+
Combined GDP: €1.5T+
Major Transport Hubs
• High-speed rail (oronaranne cine)
• Cooltooet port connectors
• Major Transpont connectors
Innovation Ecosystems
• Combined Ethanzomand systems
• Innovation Ecosystems coduies
Bajor Transport Hubs
• High-speed lines
• Major airrport
• Canal airwiox
High-speed rail
High-speed rail connectors
Key Airports
NORTH SEA
GRONINGEN
THE HAGUE
AMSTERDAM
THE HAGUE
UTRECHT
ARNHEM
ROTTERDAM
NRW
MÜNSTER
Rhine
BREDA
TILBURG
EINDHOVEN
ESSEN
DUISBURG
DORTMUND
OOSTENDE
BRUGES
GHENT
ANTWERP
Scheldt
Meuse
DÜSSELDORF
FLANDERS
COLOGNE
BRUSSELS
MAASTRICHT
AACHEN
BONN
LILLE
LIÈGE
LIÈGE
MEL
FRANCE
WALLONIA
GERMA
LEGEND
High-speed rail
High-speed rail
River Rivose
Major Porter
City City
Airports
Airports
Key airports
50 km
30 miles













https://www.euronews.com/2020/09/27/architect-builds-a-city-with-a-million-trees





Designed for homes and working farms grounded in agroecological principles, the village of Lega Vera envisions a vibrant, health-centered lifestyle immersed in nature and supported by value-aligned neighbors. A truly connected community with access to urban essentials.







WHERE TRUE WEALTH RESIDES

Land that is designed around water.

Three hundred hectares in Coquira, Chepo — forty-five minutes from Panama City. Farmland, forest and a village core held by one community, with the water and ecosystem design led by Mark Shepard.

Build your Legacy at Lega Vera


Agriculture…
Walnuts, chestnuts, hazelnuts, pine nuts, apples, cherries, grapes, berries, mushrooms…

AND Nature.

















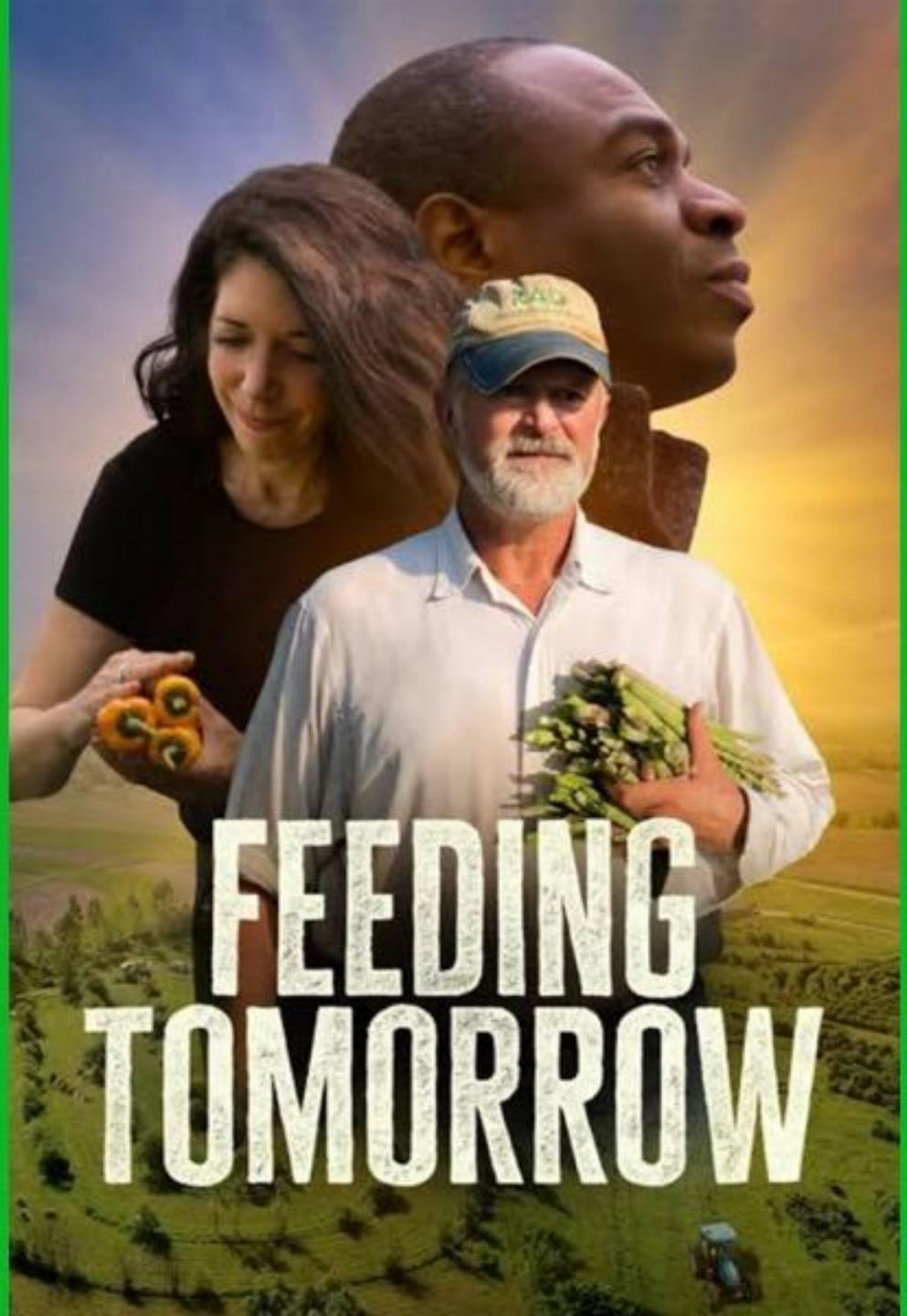







Rhodotus palmatus maire
Acris crepitans




FEEDING
TOMORROW






Cereal rye between apples, hazelnuts and hybrid poplar




Restoration Ecology + Agriculture =
RAD
RESTORATION
AGRICULTURE
DEVELOPMENT
Providing services in consulting, designing and building of restorative ecological agricultural systems.
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