



Harper Adams  
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# Making trees work for livestock

January 2015

Tim Downes



**Soil Association**  
healthy soil, healthy people, healthy planet



**WOODLAND  
TRUST**

# Aims

- To research the role of browsing trees for health
- Value of different species for moisture retention
- Fuel and alternative uses
- Planting the lost generation



View from Above

The Farm





# Planting process

- Hornbeam
- Sycamore
- Disease resistance elm
- Small leaved lime



28<sup>th</sup> February 2014











Order no: 27191 For: THE WOODLAND TRUST

CARPINUS BETULUS (HORNBEAM)

Qty: 18.000 Size: 150-180

Type: FTHD





# 3 alleyways





# Positioning



# Fencing off waterways





















# Mixed woodland









# MARKETING

transportation, location  
social values  
niche markets  
Branding is Key  
Long term

Description define

Marketing  
Finance

business planning



① Finding the BALANCE

## FINANCE

② up front costs  
+ ecological capital

Make decisions  
agroforestry long timelines

up and down, interim+lag funding

Financing  
banks  
"love money"

will look at risks  
important to establish ranges plans.

How to shift AGROFORESTRY from production into commodities (\$) as well?

How

branding: economic  
"signalling"  
QUALITY + SALES

Key word: establish  
"Range"

## ENTERPRISE BUDGET

## CASH FLOW

★ can you pay expenses?

○ timing  
○ ability to pay

★ How frequent are cash flows?

benefit small operators

marketing sustainability

diversity or specialization  
value added  
strength in marketing together  
coops + alliances  
potential

Historical + used globally  
many BC examples  
agroforestry info

Cultivating sustainable

# AGROFORESTRY

Crops  
Livestock  
trees

integrated, intentional, interactive

## CHALLENGES

access to land  
crown land  
land tenure...

regulations  
info + how to find  
cash for young farmers  
to buy land

avoid impact on agroforestry

Food safety system  
Working with First Nations partners  
Wildcrafting  
buyers

Alternate crops  
Forest Farming  
crops + trees  
under-story  
timber  
gums  
crops + trees  
under-story

productivity  
improve income  
adding  
Silvopasture  
water system  
grazing

Alley cropping  
secondary business-team approach possibilities  
shelter belts

integrated riparian management  
BORDER ZONES

educate the public about agroforestry  
farmers can be ambassadors

How can UBC Farm Go FORWARD with agroforestry?

FORWARD with agroforestry?



AGROFORESTRY CONNECTS THE PIECES

such as trees  
fruit  
sap  
bees  
crops  
people  
grazing

EMERGING OPPORTUNITIES

Tell a STORY about AGROFORESTRY

sustainable  
accessible + nutritional  
aesthetic values  
banding together

it can be an umbrella  
○ seasonal  
○ organic  
○ local  
○ healthy  
permaculture model

FORUM: Sept 29<sup>th</sup> 2012 at UBC FARM

graphic recording: sambrad.com











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