

Agroforestry for Growers



Organic Research Centre November 2015

The Farm



8 ha field crops, 0.7 ha garden crops, 2000 sq. m tunnels
5 full time staff living on farm



Tolhurst Organic Partnership CIC

Supply community with veg

Seminars

Farm walks

Food festivals

Trails + experiment

Advisory services

Organic catering



Agroforestry advantages

- Improved soil structure
- Shelter from wind
- Supply organic matter
- Improve nutrient availability
- Improve micro-organism activity
- Saleable crop
- Feed worms
- Help reduce some pest problems
- Disease control?



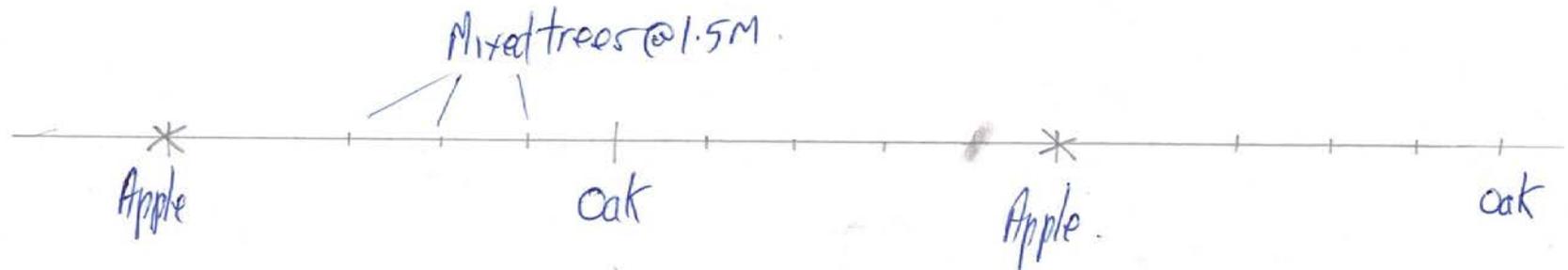
Disadvantages

- Land out of production
- Extra cultivation costs
- Establishment costs
- May compete for moisture
- Weed problems ?



Planting system

Hardwick Agro-forestry tree row Plan



Apples @ 15M
Oak @ 15M between every apple
Mixed trees @ random @ 1.5M

Fruit tree species

Apples mix of dessert-

Blenheim

Bright future, D'Arcy Spice

Ceeval. Fiesta . Katy

Laxtons. Pixie. Falstaff

Winston. Resi. Rubinola.

Rosemary Russet. Sparton.

Sturmer

Cooking varieties-

Bramley. Howgate wonder



Tree species

- Field maple
- Whitebeam
- Alder
- Oak
- Black birch
- Hornbeam
- Bird cherry





**BIO-
DIVERSITY**