



Soil Association

healthy soil, healthy people, healthy planet



Harper Adams
University

Calf rearing for health and production

February 2017

Tim Downes



THE FARM - SHROPSHIRE

- Milking 300 Spring calving cows
- Grass based diet
- 3 full time, staff 2
“Apprentices”
- Protocols for calving/
grazing
- Finish Angus beef for
Waitrose
- 350 hectares
- Crossbred cows New
Zealand Fr, Norwegian
Red, Fleckveih etc
- Simple self feed straw
yard system



Calf health (in 10 mins)

- Colostrum
- Grazing
- Trees
- Minerals
- Cleanliness
- Disinfection
- Protocols
- Vaccination
- Homoeopathy
- Breed selection



View from Above

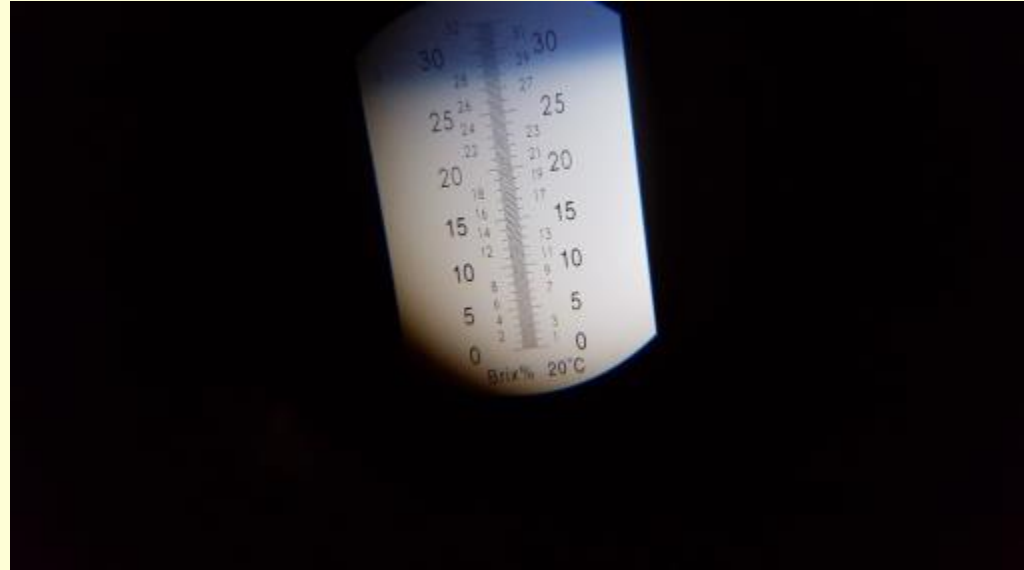
The Farm



Colostrum



Refractometer >22



Calf weight and coats





Cleanliness

- Daily straw
- Clean water
- Minerals
- Fresh corn
- Clean utensils
- Same temperature
- Avoid draughts

Vaccinations

- IBR & Pneumonia
- Lepto & BVD
- Blackleg & Lungworm



Homoeopathy

Use for calving – Caulophyllum

Stress – Aconite

Disbudding – Arnica

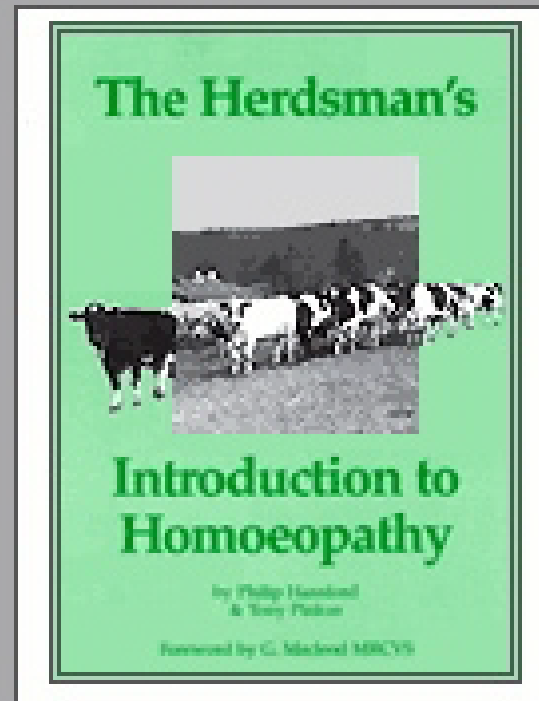
Grief – Ignatia

Transport – Aconite

Tummy upsets – Nux Vomica

Swollen navels – Hepar Sulph

& others



Browsing trees

- When to graze how can trees cope
- Best suited varieties
- Fencing issues
- Monitoring
- Limited research on health benefits



Order no: 27191

For:

THE WOODLAND TRUST

CARPINUS BETULUS (HORNBEAM)

Qty: 18.000

Size:

150-180

Type: FTHD

Successes

- Great establishment
- Vigorous growth
- Engagement of Harper Adams
- Student monitoring
- Making people think and gathering ideas



Positioning 3 alleyways



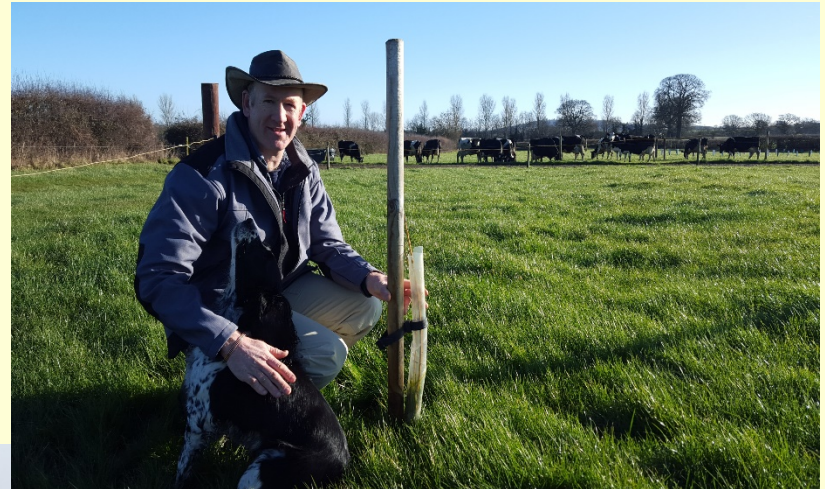




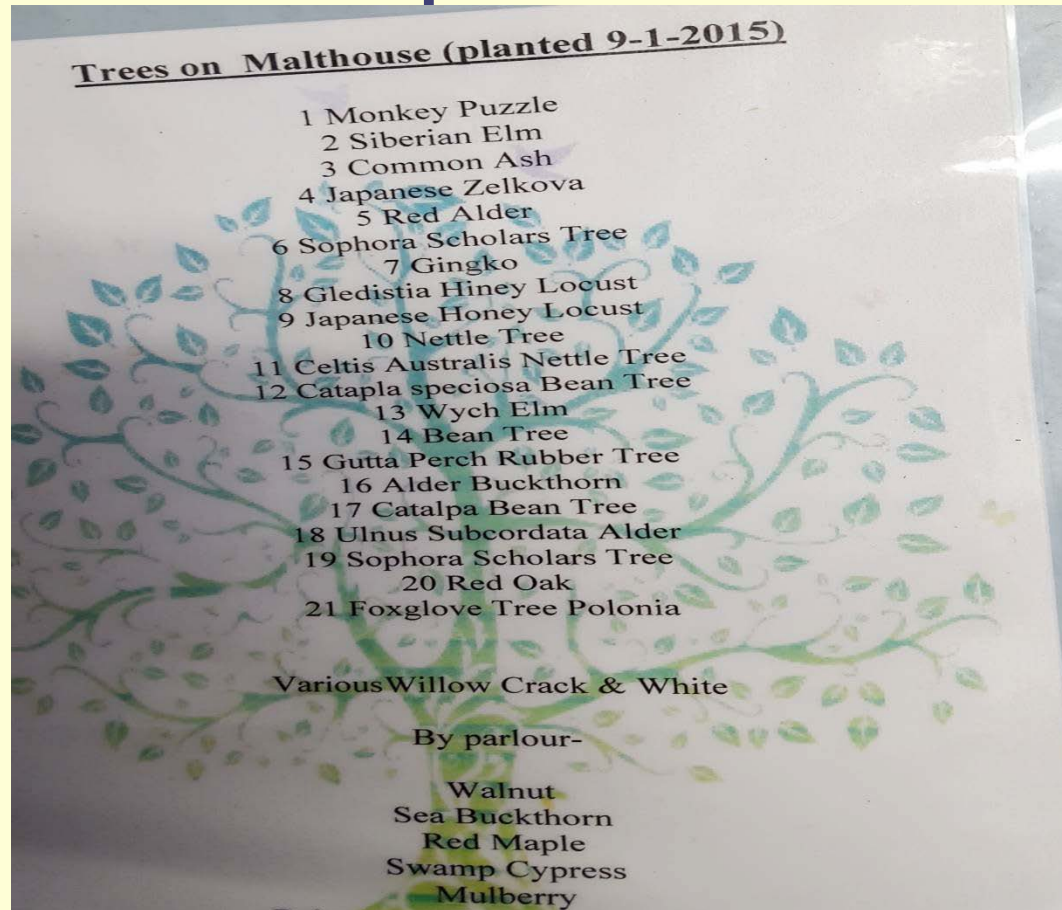
Browsing trial



Trees and fresh air



The weird and wonderful from Peter Aspin at Wem





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Thanks for listening

