

Townsend Farm

Regenerative agriculture approach

Resilience through Diversity



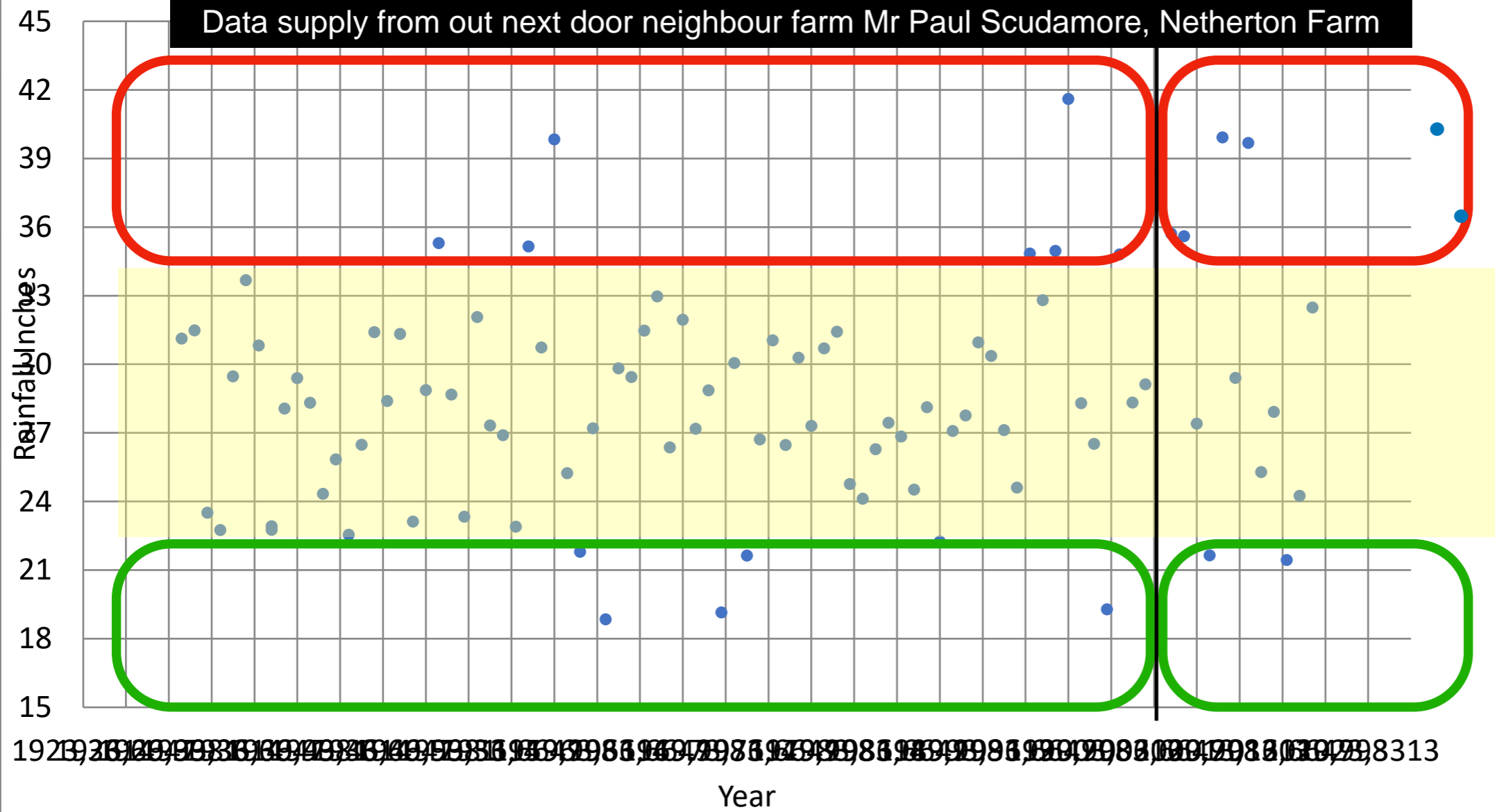
Our farming philosophy

- Machinery and labour is expensive, keep both to an absolute minimum.
- Profit share collaborations to spread work and allow opportunity.
- Enterprises to begin small, understand process and market before expanding.
- Use the byproduct of an enterprises to feed another one.
- Biology is more of an art than a science.
- Diversity in every aspect has a positive impact.
- Farming is going to become more personal again.
- Always strive to leave things better than how you received them.
- Farming in conjunction with the environment will drive greater profits.
- The more interesting farming is, the more fun you have.
- Question everything!



Rainfall extremes and climate change?

Data supply from out next door neighbour farm Mr Paul Scudamore, Netherton Farm



Excessively wet

Average rainfall

Excessively dry

There are more weather extremes in the past 20 years than there were in the previous 70 years!



2014 - 2017

1997 - 2014

1974 - 1997

Farming the incredible business model

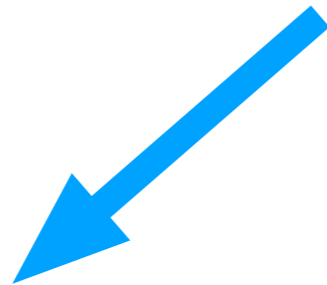
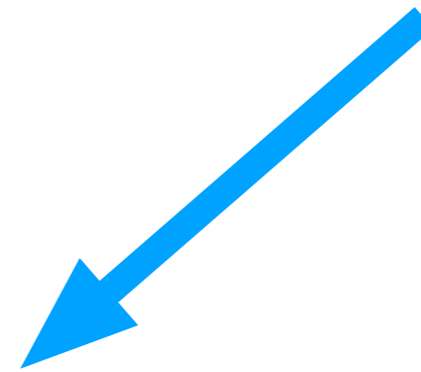
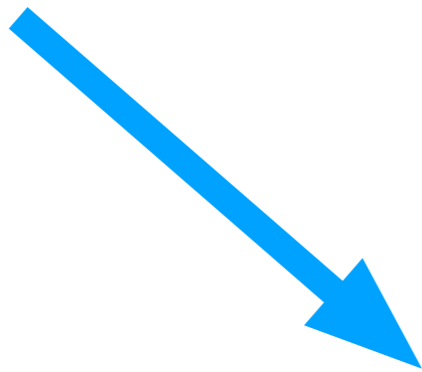
Taking free things and converting them into money



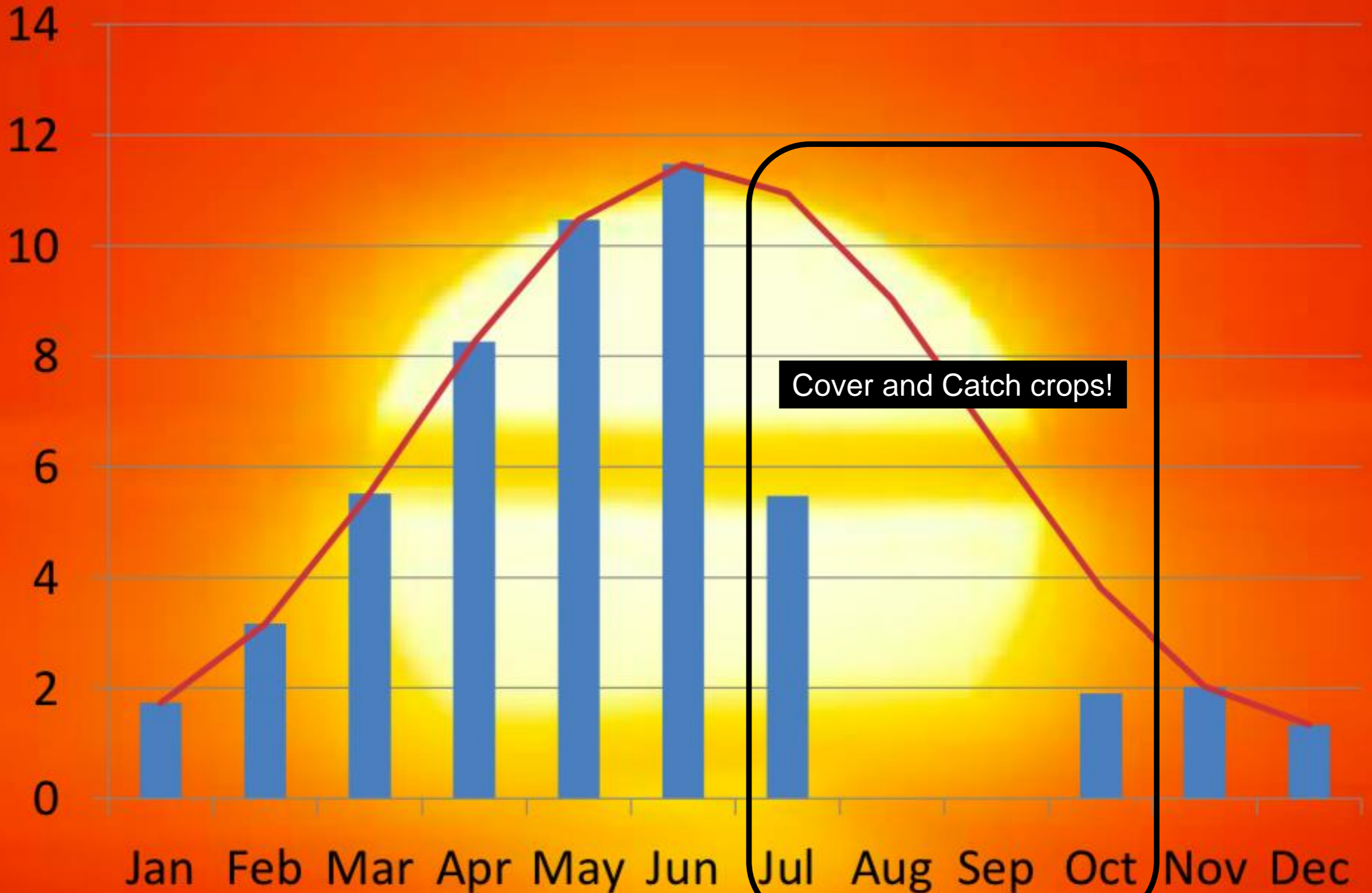
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UK farming - poor at harvesting free energy!

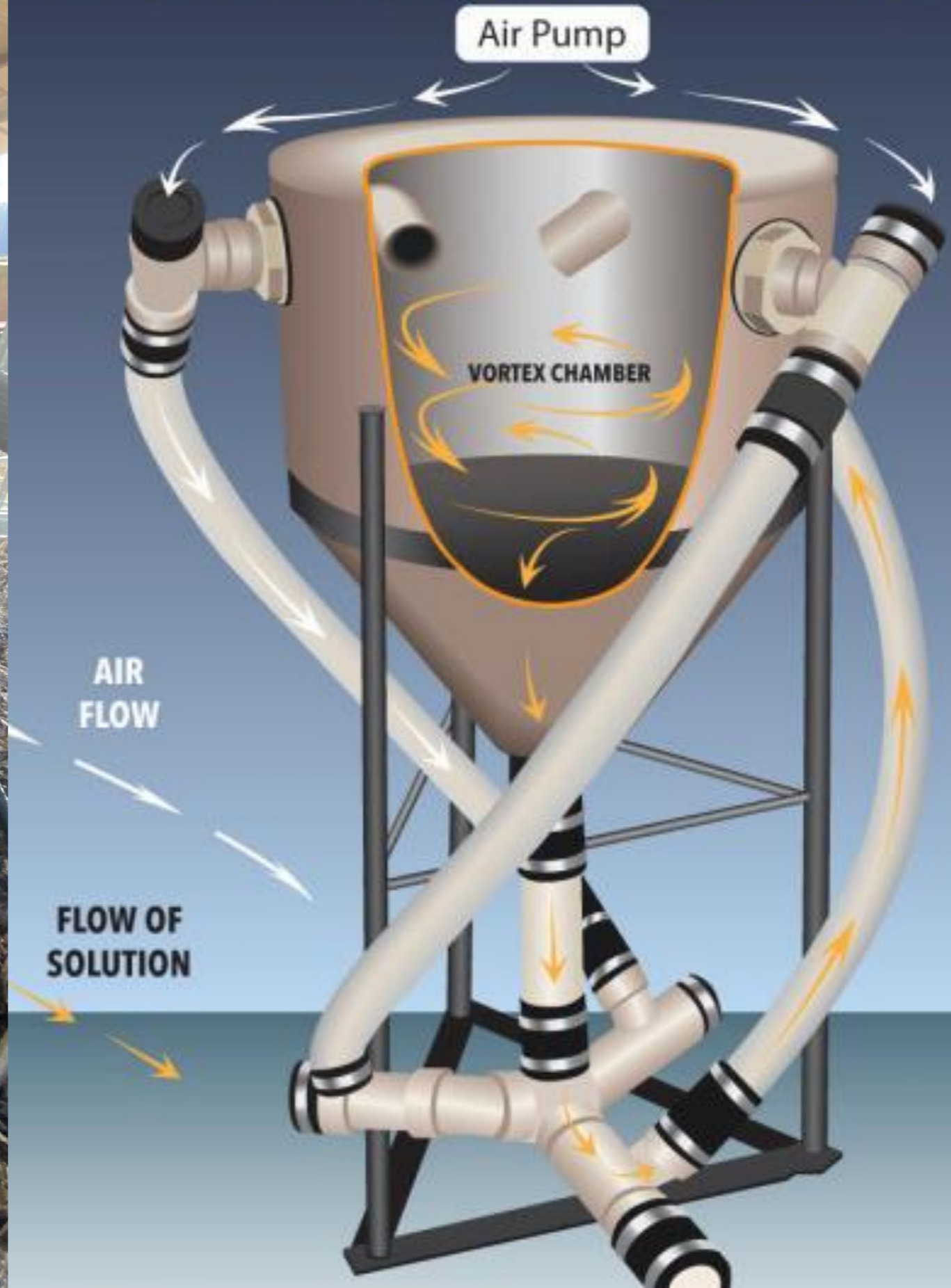


Shortcuts to change

Biologically active compost



The Vortex Brewer®
Circulation Created by Air. NO Water Pumps.



Wheat diversity and Nutrition

- **Population wheats.**
- **Drilled into the green**
- **Herbicides?**
- **Aphids?**
- **Nutrition!**
- **Plant sap analysis.**
- **Fungicides?**



VX20 CKJ

CLAYDON
Hybrid

CLAYDON
Hybrid

Livestock

- **The soul of the farm**
 - **Taking animals to the fodder!**
 - **Where possible keeping urine and faeces apart.**
 - **Animals and soil food web do muck spreading.**
 - **The flurd of diversity.**
 - **Manage problems with animal solutions. (Chicory stem, willow, H Balsam)**
 - **Turn byproducts into meat.**
 - **Realise the intelligence of animals, learn from them!**
 - **De-intensify breeding for resilience (Ross cob experiment)**
 - **Meat in turn is sold through shop/website**
- 
- A photograph of a farm scene. In the foreground, a blue water trough with the text "DRINKING WATER ONLY" is visible. Several brown and white cows are gathered around the trough. In the background, a large herd of sheep is grazing in a green field under a cloudy sky. There are trees in the distance.

**Balancing nutrition
Free choice mineral bar**

Rock salt

Urea free seaweed

Limestone flour

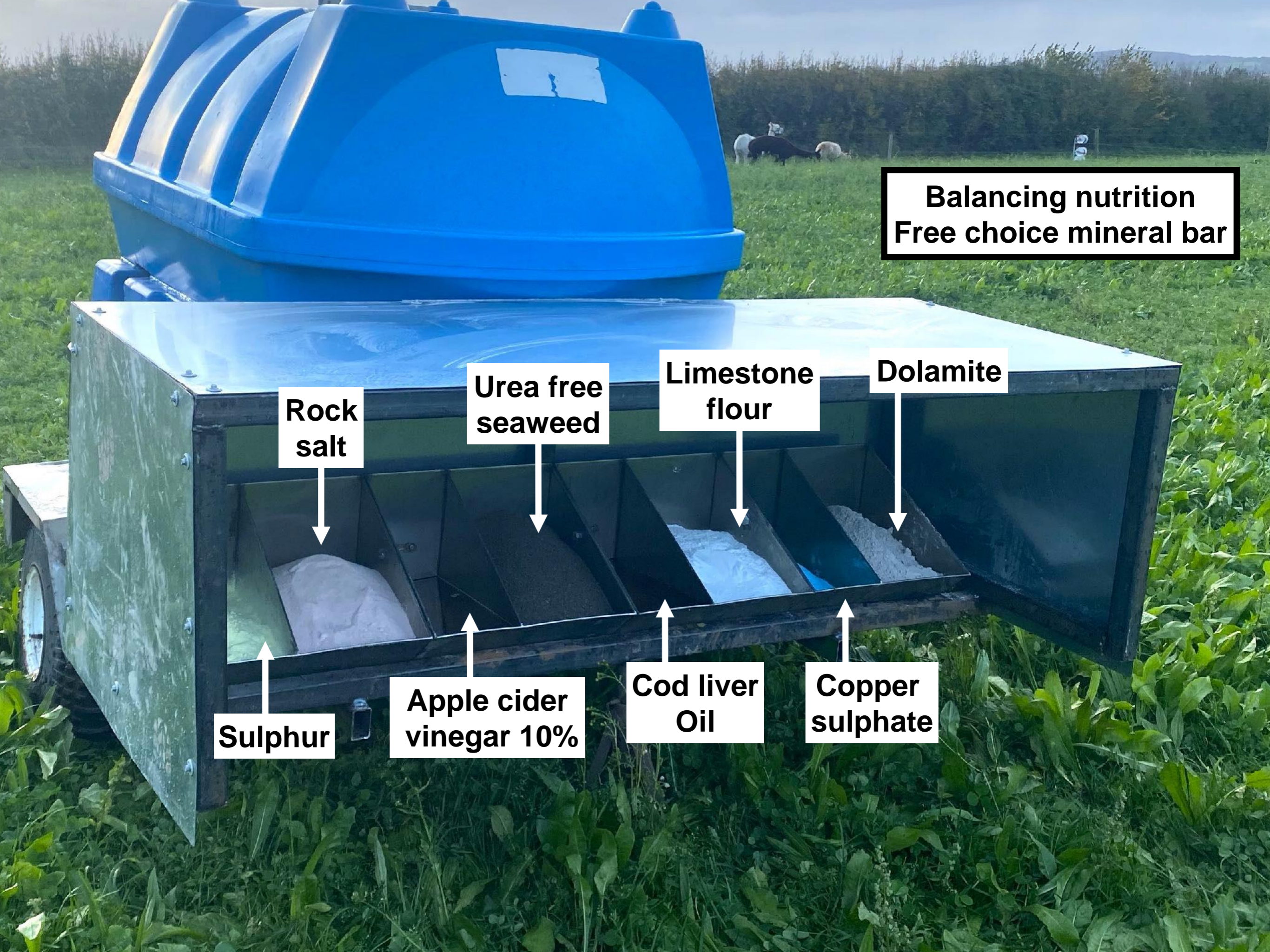
Dolomite

Sulphur

Apple cider vinegar 10%

Cod liver Oil

Copper sulphate



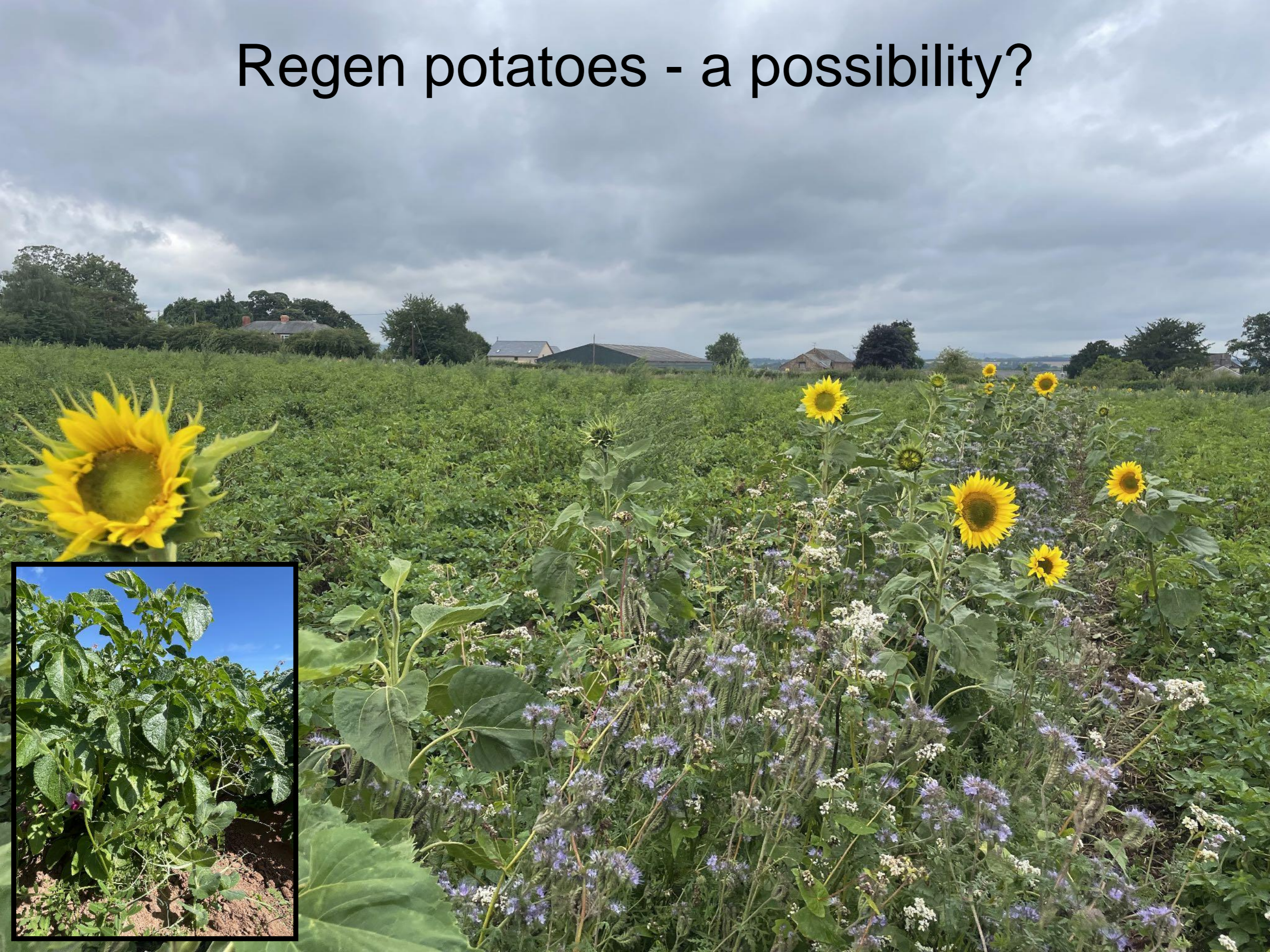
'Hands off vineyard'



Willow tree control



Regen potatoes - a possibility?



20+ years of environmental progress



Put the fun back into farming

Regenerate your mind, soul, life, farm and environment



Thank you
www.regenben.com
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