



# Nutrient Network Farm project:

## Limekilns Farm

*(courtesy of D.W. Crichton & Son)*

# Nutrient Network Farms



- Limekilns is one of nine farms selected from across Scotland.
- Aim: To share good practice in relation to nutrient efficiency and soil management practices.
- Three meetings staged over two years.
- Funded by Scottish Government through the Farm Advisory Service (FAS).
- Meetings can cover selected themes.....

# Project Themes

Theme	Related Activities
<b>Pollution Prevention</b>	Improve water quality, FYM and Slurry storage and application
<b>Climate Change</b>	Agricultural efficiency, Nitrous Oxide emissions
<b>Conservation</b>	Soil Biodiversity, Biodiversity around watercourses
<b>Cross Compliance</b>	Rules on activities close to water
<b>Woodlands</b>	Opportunities for Riparian Woodlands
<b>Renewables</b>	Alternative watering using solar
<b>Farm efficiency</b>	Benchmarking fertiliser usage and soil analyses with other farmers / Crofters

# Proposed Themes

- Meeting 1 (July 2017):  
Assessment of soils, Soil improvement techniques, Soil pH & Applying lime.
- Meeting 2 (February 2018):  
Nutrient content of FYM & slurry, fertiliser recommendations.
- Meeting 3: (Summer 2018):  
Field drainage and rush management (tbc).

# Limekilns – Farm Background



- Family farm partnership – Alistair & Alison
- Approx 480 acres.
- Dairy business: 220+ cows – all year calving.
- Heifers reared as replacements.
- Summer: strip grazing system. Start buffer feeding in August.
- Winter: Cows housed – fed TMR.
- Approx 80 acres barley and 30 acres wheat. 25 acres potatoes. Remainder: TGRS / PGRS

# Agenda for Today



<b>10.15</b>	<b>Arrival and coffee</b>	
<b>10.30 – 10.40</b> <b>In steading/shed</b>	Introduction and welcome. Overview of how day will work.	Alastair Beattie
<b>10.40 – 12.15</b>	Know your soils (texture and types). Soil Biology & Organic Matter. Soil Structure – Introduction.	Joanna Cloy, Bryan Griffiths & Paul Hargreaves
<b>12:15 – 12:45</b>	Lunch	
<b>12:45 – 13:15</b>	Practical Demonstration – Assessment & Improvement Techniques	Joanna Cloy, Bryan Griffiths & Paul Hargreaves.
<b>13:15 – 14:45</b>	Liming	Donald Dunbar
<b>14:45 - 15:00</b>	Close and details of next meeting	Chair



