



Better farm programme

Focus on Precision Farming

“How to achieve maximum field performance through Smart farming”





John Collins - Waterford






Kevin Nolan - Carlow



Derek Keeling - Dublin

Universal precision tools
<ul style="list-style-type: none"> • Develop a toolkit to identify and manage soil variation • Focus on soil characteristics and nutrition • Role of organic manures & catch crops • Measure performance against crop benchmarks
 

Hi-tech precision tools
<ul style="list-style-type: none"> • Use of specialist tools to aid decisions • Role of hi-tech precision equipment • Focus on crop recording and record keeping • Evaluate new technologies on farm
  

Notes: _____



Farm planning is Key to precision

Costs per ha
Margin per ha
Yields per ha
Fertilizer Records
Machinery costs per ha.



Costs per tonne
Fertiliser plan
Machinery plan

E-profit monitor
Financial a/c's
NMP online
Machinery costs calculator
Soil tests

Machinery costs
Better Farm Average
€315/ha
National Average
€335/ha



Every €100,000 spent on machinery adds
€20-30/ha
on machinery costs

Notes: _____



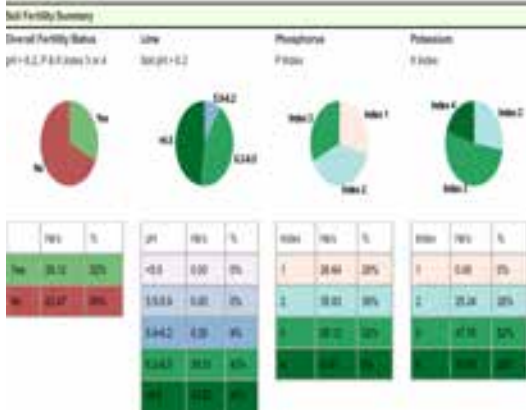
NMP online – fertiliser planning

Know your Soil Fertility

- pH and lime requirement
- Soil P
- Soil K
- Overall Fertility

NMP Online Fertiliser Plan Combining

- Teagasc Recommendations
- Nutrient advice maps
- Nitrates Limits



Soil pH and Lime Map



Soil P Index Map



Plan your Lime & Fertiliser to

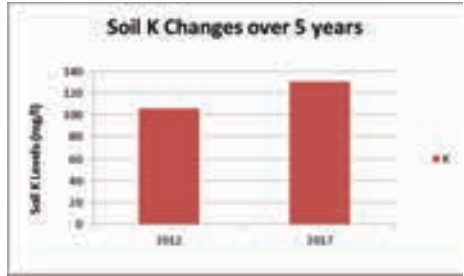
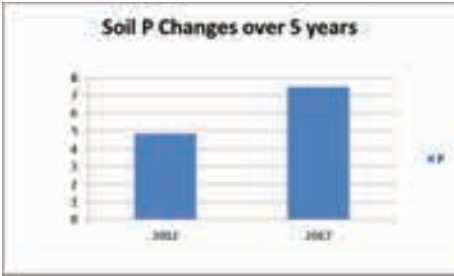
- Build soil fertility
- Increase fertiliser efficiency
- Maximise crop yields

Notes: _____

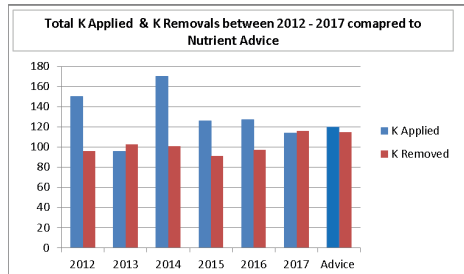
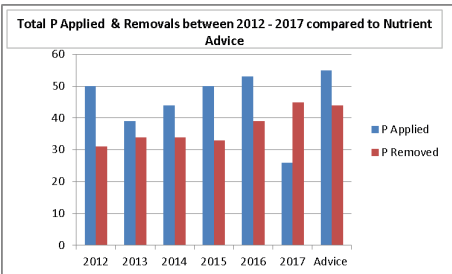


Soil and nutrient use

Farm Soil Fertility Changes 2013 to 2017



Farm P & K Balances between 2012 to 2017



Waterford Better Farm

Notes: _____
