

NMP Online

Improving Nutrient Management on
Irish Farms

NMP Online - Why

Meets Nutrient Management
requirement for Schemes



GLAS
Derogation



Improving soil fertility
Management on farms

Soil fertility has fallen rapidly since 2008

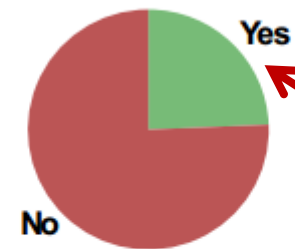
Only 11% of soils are at good overall status

Profitable farming needs good soil fertility

NMP Online Shows where you stand

Overall Fertility Status

pH > 6.2, P & K index 3 or 4



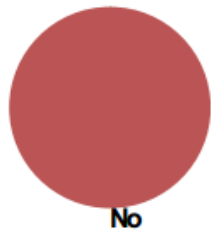
	Ha's	%
Yes	8.00	24%
No	24.86	76%

NMP Online Soil Fertility Summary

Soil Fertility Summary

Overall Fertility Status

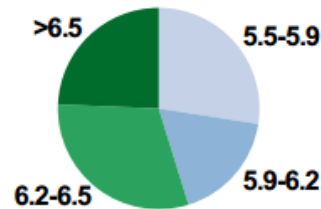
pH > 6.2, P & K index 3 or 4



	Ha's	%
Yes	0.00	0%
No	32.86	100%

Lime

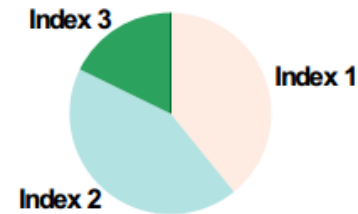
Soil pH > 6.2



pH	Ha's	%
<5.5	0.00	0%
5.5-5.9	9.02	27%
5.9-6.2	5.84	18%
6.2-6.5	10.00	30%
>6.5	8.00	24%

Phosphorus

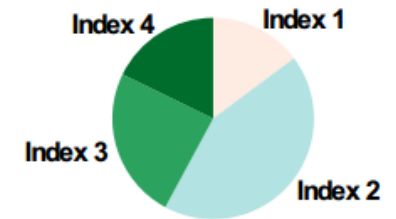
P Index



Index	Ha's	%
1	12.87	39%
2	14.15	43%
3	5.84	18%
4	0.00	0%

Potassium

K Index



Index	Ha's	%
1	4.87	15%
2	14.15	43%
3	8.00	24%
4	5.84	18%

%reduction in farm capacity to perform based on current fertility levels compared to optimal fertility

pH, P and K
23

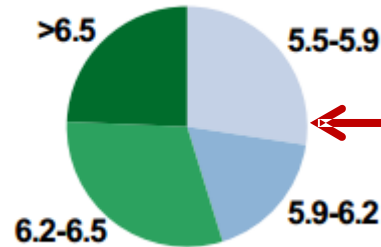
pH
6

P
11

K
9

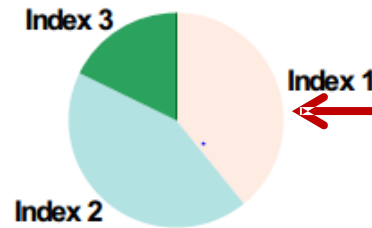
Where is the Problem

Soil Ph



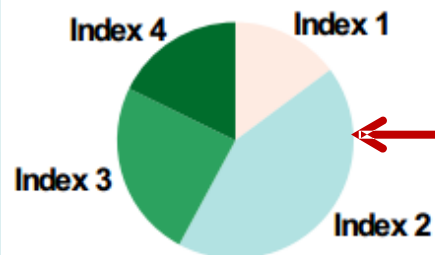
Almost half land is below ph6.2

Phosphorus



Most of farm at P index 1 and 2

Potassium



60% of farm at P index 1 and 2

Impact of fertility levels on Grass Production

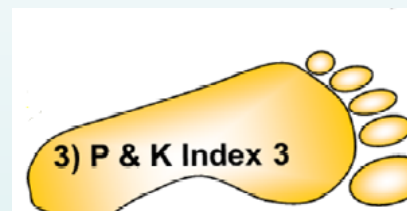
%reduction in farm capacity to perform based on current fertility levels compared to optimal fertility			
pH, P and K	pH	P	K
23	6	11	9

Almost one quarter of the grass growth lost

Soil P is the biggest cause of Losses

Soil K and Lime also contributing to Losses

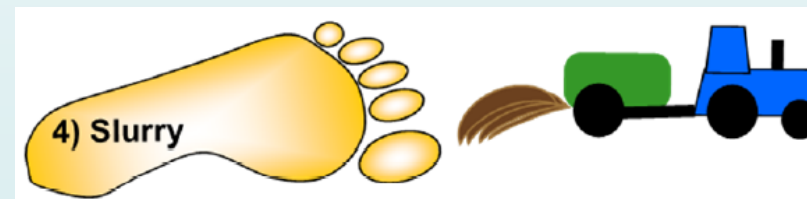
5 Steps to Improving Soil Fertility



3) P & K Index 3

Index	Description
1	Very Low
2	Low
3	Target
4	High

An illustration of a yellow footprint with the text '3) P & K Index 3' inside. To the right of the footprint is a table with two columns: 'Index' and 'Description'. The table has four rows. The third row, with index '3' and description 'Target', is highlighted in green.





The Benefits of Liming

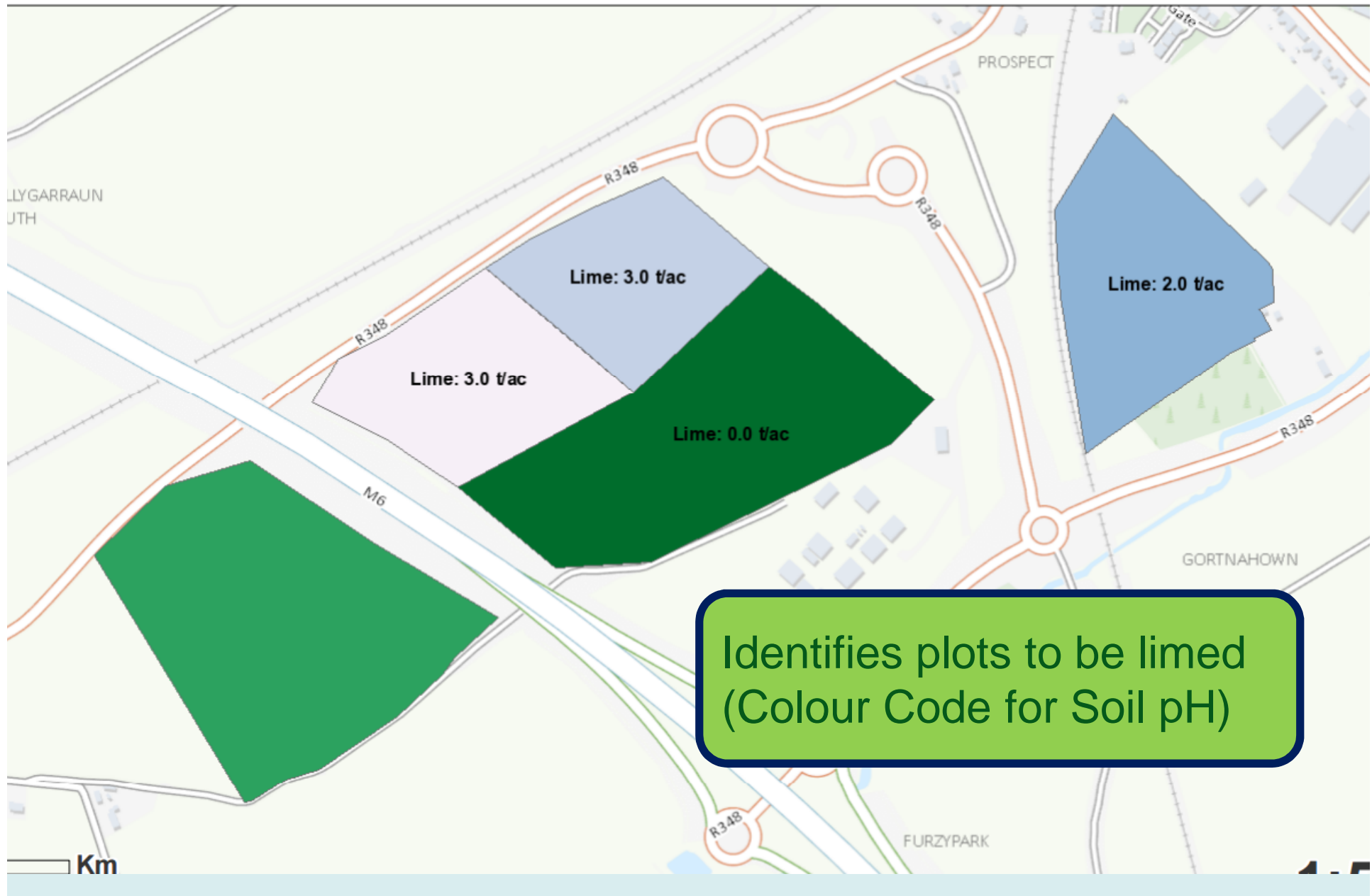
Increase grass production annually

Release up to 80kg N/ha/year

Unlock soil phosphorus (P) and potassium (K)

Increase the response to freshly applied N, P & K

Mr NMP Farmer - Lime Year 1 Only - See Plan for Yrs 2 - 4





Use Organic Manures where
most needed

Apply on Index 1&2 P and K Soils

Spread in Spring – More N utilised

Account for Organic Manure when applying chemical

Mr NMP Farmer - Soil P and Organic Manure

