

Angus Nutrient Network Farm



**FARM
ADVISORY
SERVICE**



Bogindollo, Denmill and Finavon Hill



- Arable
 - Winter Barley
 - Winter Oilseed Rape
 - Winter Wheat
 - Spring Barley
 - Spring Oats
 - Vining Peas (seasonal lets)
 - Ware Potatoes (seasonal lets)

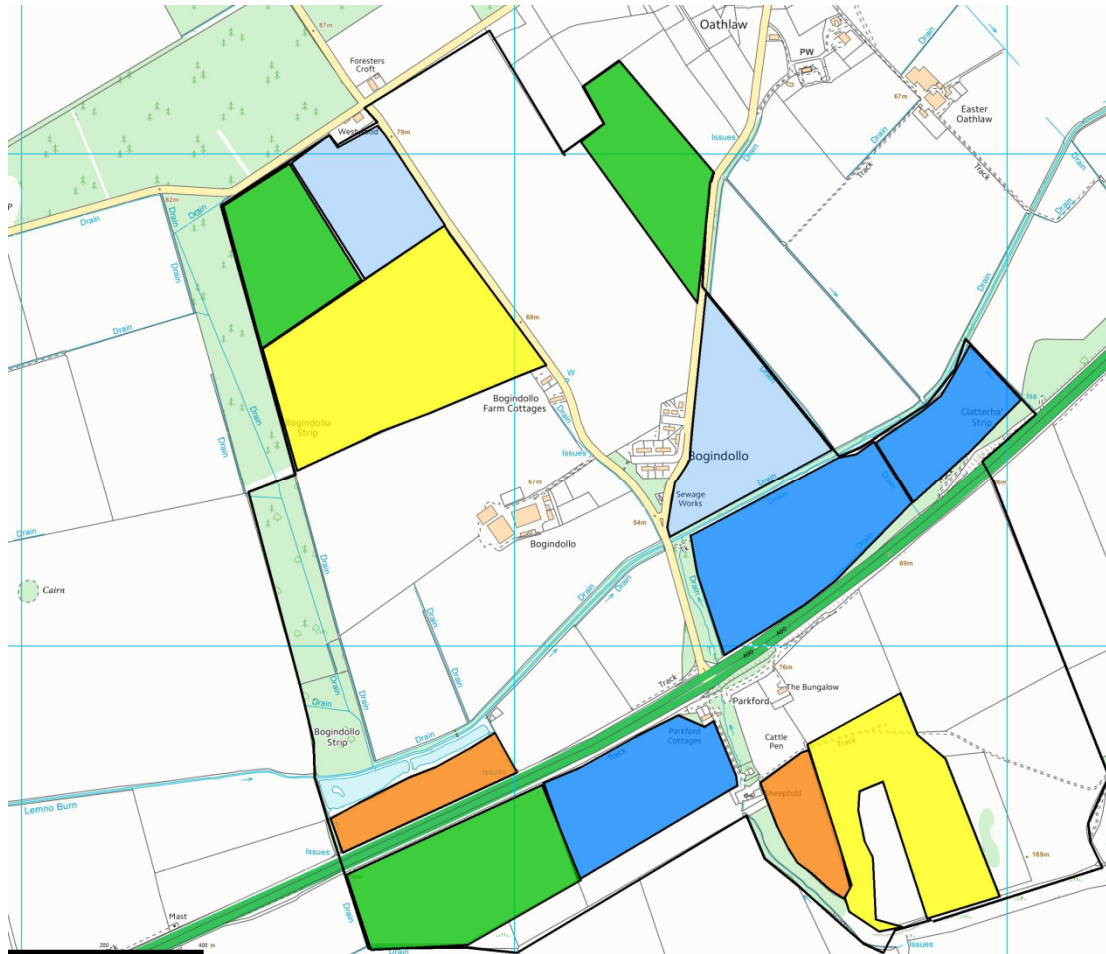
- Grass
 - Permenant Grass

Livestock



- 110 sucklers
- 30 breeding heifers
- All progeny finished – bulls, steers and heifers
- Straw system

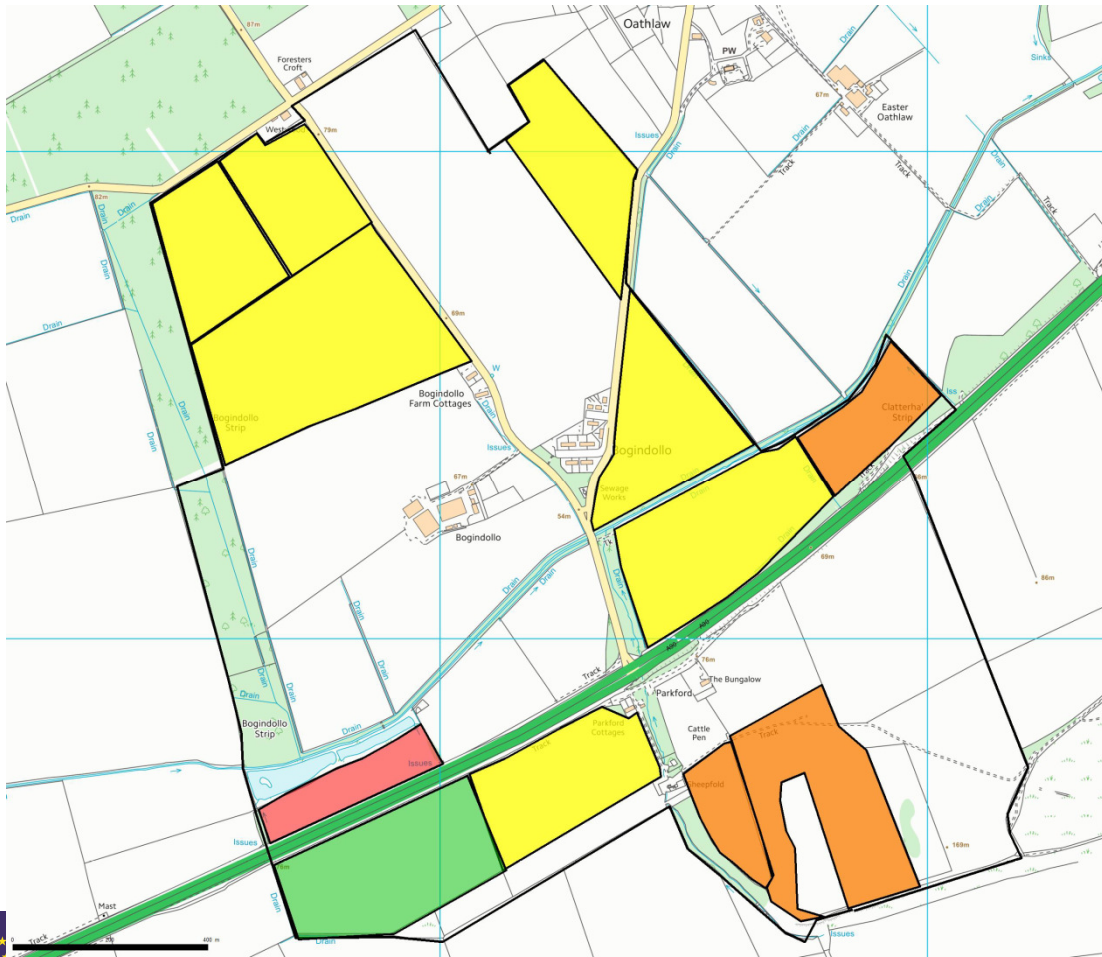
Bogindollo pH



Bogindollo Phosphate



**FARM
ADVISORY
SERVICE**



VL

L

M-

 M_+

H

VH

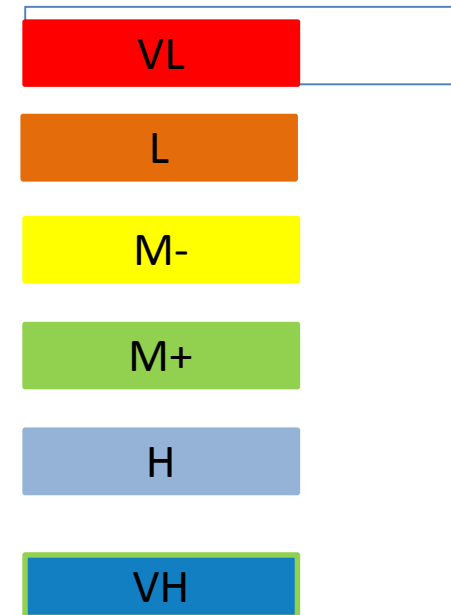
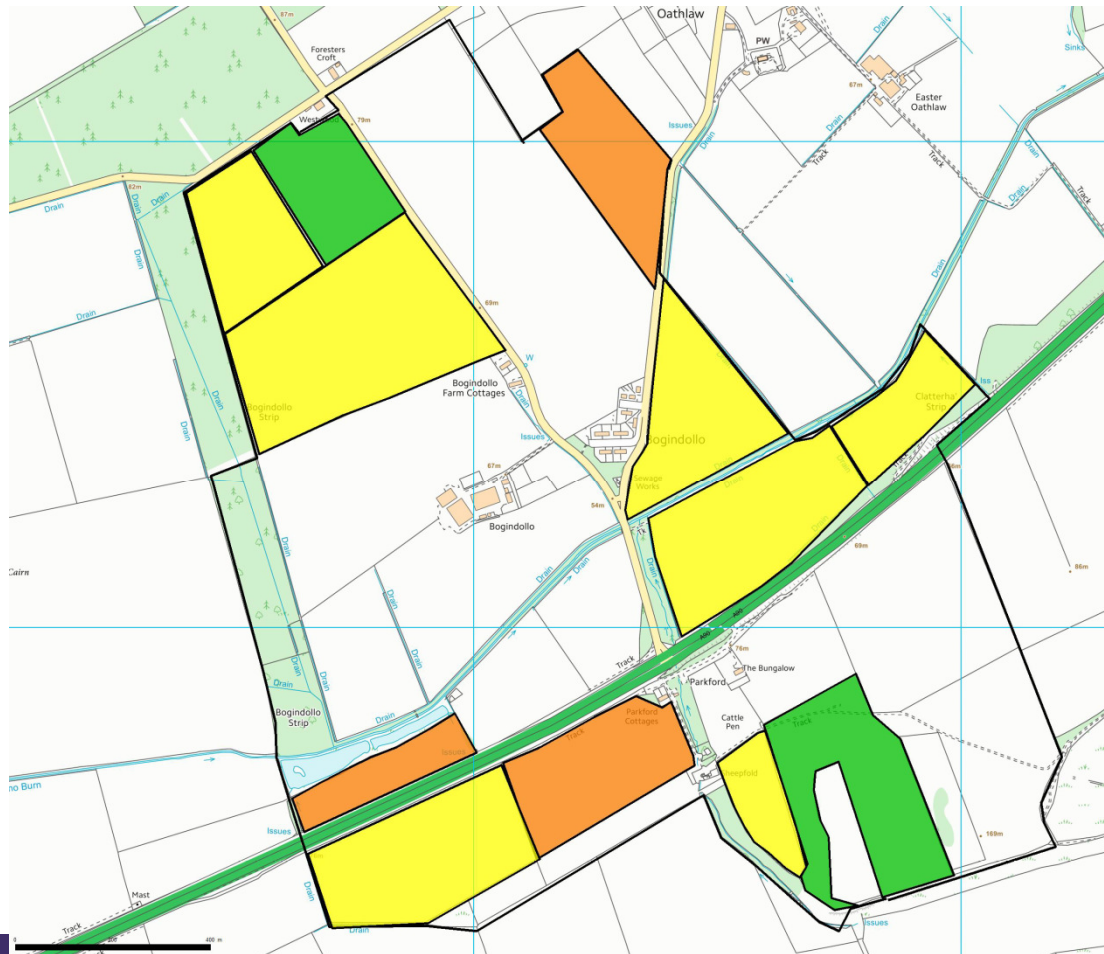


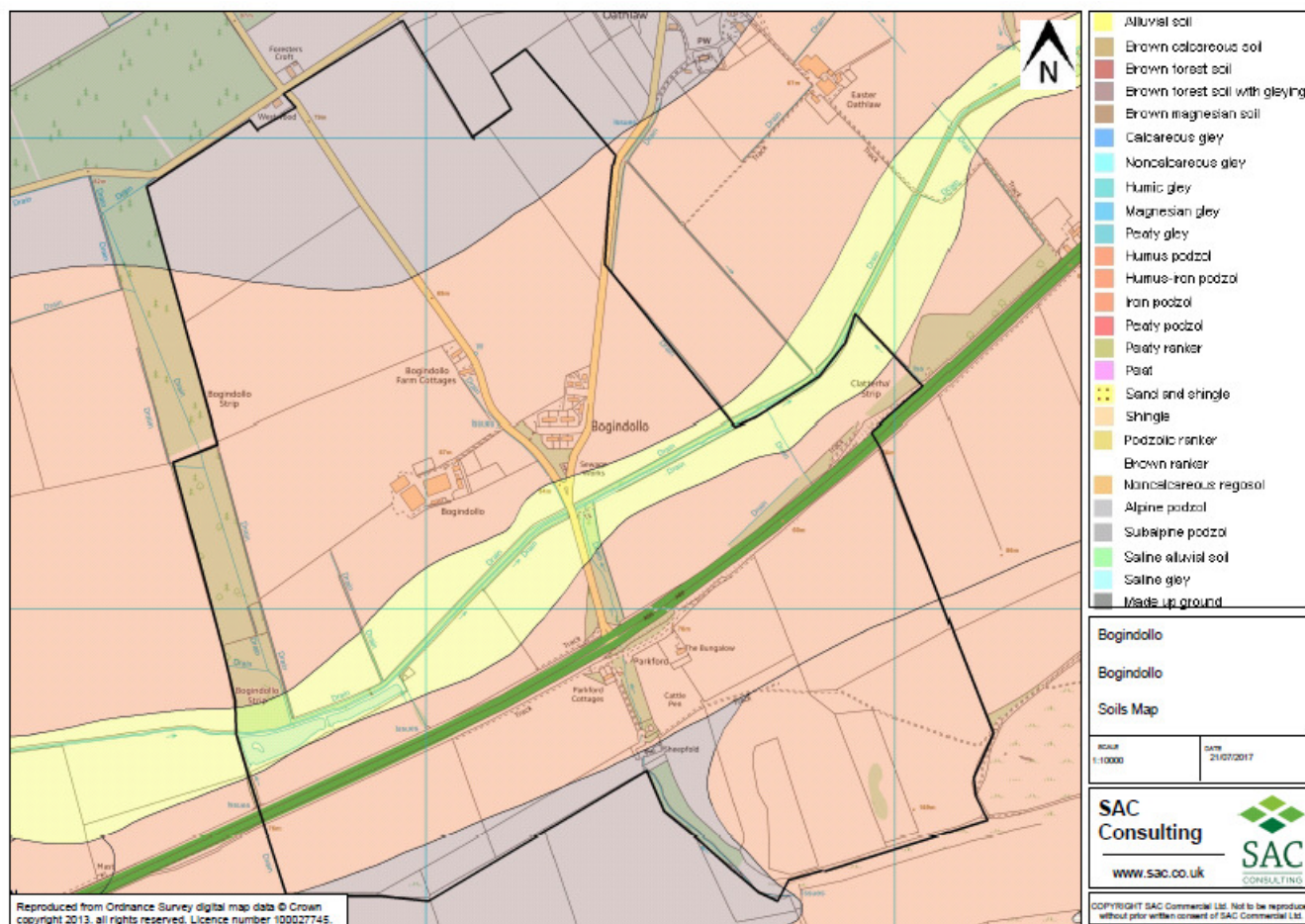
SAC
CONSULTING



Scottish Government
Riaghaltas na h-Alba
gov.scot

Bogindollo Potash





Scottish Government
Riaghaltas na h-Alba
gov.scot

Bogindollo Soil Results

Field Name	pH	Phosphate (mg/L)	Potash (mg/L)	Sulphur (mg/L)	Boron (mg/L)
Granny's Field West	6.2	12.5 (M+)	88.90 (M-)	4.8 (L)	0.53 (M)
West Wood West	6.2	6.34 (M-)	121 (M-)	4.4 (L)	0.58 (M)
West Wood East	6.4	6.87 (M-)	144 (M+)	5.7 (L)	0.62 (M)
Mid Field	6.0	6.26 (M-)	116 (M-)	6.9 (M)	0.47 (L)
Pond Field	5.7	0.915 (VL)	44.1 (L)	4.9 (L)	0.37 (L)
Granny's Field East	6.5	8.37 (M-)	69.2 (L)	4.5 (L)	0.47 (L)
Triangle	6.4	5.51 (M-)	90.7 (M-)	8.9 (M)	0.54 (M)
Wood Lane West	6.6	6.56 (M-)	86.6 (M-)	4.9 (L)	0.46(L)
Six Acre Hill	5.7	4.39 (L)	139 (M-)	26 (H)	0.43 (L)
Wood Lane East	6.6	3.74 (L)	79.70 (M-)	6 (M)	0.38(L)
Hill West	5.9	1.96 (L)	141 (M+)	7.2 (M)	0.7 (M)
Oathlaw	6.2	5.25 (M-)	49.60 (L)	11 (H)	0.53 (M)

Bogindollo FYM Analysis



Farm	Name	Dry Matter %	Total N kg/t	Total Phosphate kg/t	Total Potash kg/t
Standard	TN650	25	6	3.2	8
Bogindollo	Young Stock	24	6.5	2.9	15.1
Bogindollo	Cows	30	5	3.27	17.2

FYM - what's it worth?

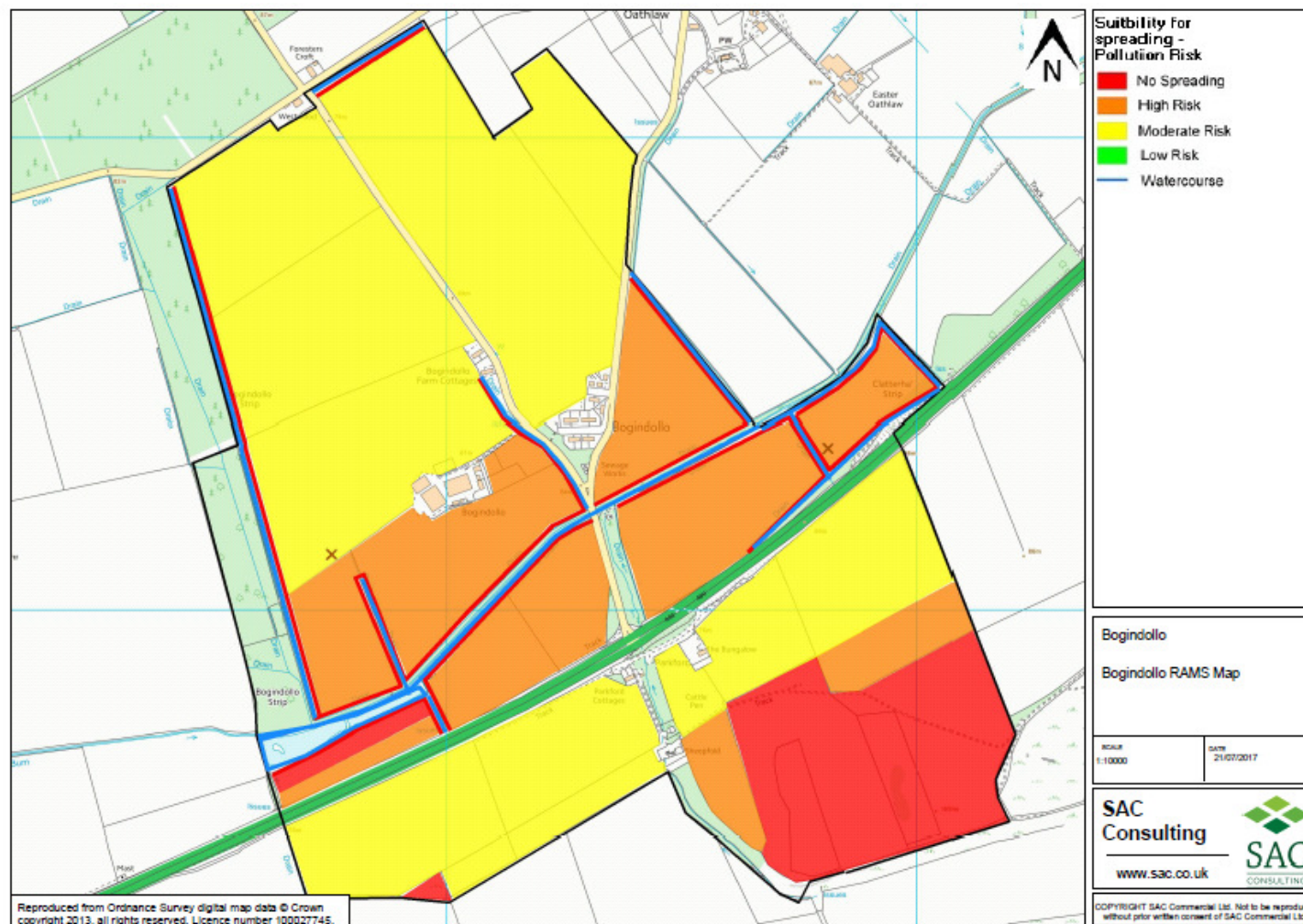


- FYM
 - 370 tonnes (£3322.60)
 - £8.98/tonne
 - Or 1.14t phosphate and 6t potash

RAMS map



**FARM
ADVISORY
SERVICE**



Fertiliser plan Granny's West



FARM
ADVISORY
SERVICE

- Spring Barley 6.53ha, yield 5.4t/ha
 - (360kg/ha) 10:15:21 at sowing
 - (240kg/ha) 33.5N

	Crop Requirement (M- status)	From Organic manures	From Fertilisers
N	130	-	116
P	46	-	54
K	64	-	76

Proposed plan Granny's West



**FARM
ADVISORY
SERVICE**

- Spring Barley
 - FYM 15t/ha
 - 200kg/ha 26:16:0
 - 200kg/ha 33.5

	Crop Requirement (M- status)	From Organic manures	From Fertilisers
N	130	9	121
P	46	48	0
K	64	241	0

Savings



Field Name	Area (Ha)	Crop	Fertiliser type	Fertiliser kg/ha	Total (t)	£/t	Total £
Granny's West	6.53	SB	10:15:21	360	12.6	260	676
			33.5	240	1.57	242	380
Granny's West	6.53	SB	26:16:0	200	1.3	250	325
			33.5	200	1.3	242	314
						Saving	£416.40

Organic Matter



- Scottish soils generally higher levels of organic matter than other parts of UK
- Aim for 5-10%
- Bogindollo soils 3.49 - 9.56%. Average 5%

Boron



Thank You

