Nutrient Planning Report - Season 2024

For cropping season 2024;
All crops; All fields
Produced by: Ian and Emily Grandfield
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R & BC LATHAM, KNOLTON FARM,, OSWESTRY ROAD,OVERTON-ON-DEE,, WREXHAM, LL13 0LG, United Kingdom
Annual Rainfall: 699 mm

10 ACRE Forage Maize

Area: 4.45 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS Index:** 1
Projected Yield: 37 tonnes **Previous Crop:** Forage Maize

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	100	55	175		0	0	0
From Manures (kgs/ha)	43.08	64.2	272.25	17.5	61.2	0	
From Fertiliser (kgs/ha)	56.92	0	0	0	0	0	0
Adjusted N-max Limit (kgs/ha)	150						

Fertiliser Recommendations

Date	Type	Product	Rate	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
06 May 2024	Activity	27N 12S	44 kgs/ha	11.88	0	0	5.28	0	0	0
Total (kgs/ha)				11.88	0	0	5.28	0	0	0

12 ACRE Forage Maize

Area: 4.85 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **SNS Index:** 0

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	150	55	175		0	0	0
From Manures (kgs/ha)	43.08	64.2	272.25	17.5	61.2	0	
From Fertiliser (kgs/ha)	106.92	0	0	0	0	0	0
Adjusted N-max Limit (kgs/ha)	150						

Fertiliser Recommendations

Date	Type	Product	Rate	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
28 May 2024	Activity	27N 12S	44 kgs/ha	11.88	0	0	5.28	0	0	0
Total (kgs/ha)				11.88	0	0	5.28	0	0	0

14 ACRE Grassland

Area: 5.73 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

18 ACRE Grassland

Area: 7.41 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

CHAPEL Grassland

Area: 4.48 ha **From:** 01/09/2023 **To:** 12/05/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	14.56	8.4	31.5	4.41	8.4	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

CHILVER BACK Grassland

Area: 3.31 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

CHILVER ROAD Grassland

Area: 2.14 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

COTTAGE Grassland

Area: 2.04 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

DENS 9 ACRE Forage Maize

Area: 3.56 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **SNS Index:** 0 **Previous Crop:** Forage Maize

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	150	55	175		0	0	0
From Manures (kgs/ha)	43.08	64.2	272.25	17.5	61.2	0	
From Fertiliser (kgs/ha)	106.92	0	0	0	0	0	0
Adjusted N-max Limit (kgs/ha)	150						

Fertiliser Recommendations

Date	Type	Product	Rate	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
28 May 2024	Activity	27N 12S	44 kgs/ha	11.88	0	0	5.28	0	0	0
Total (kgs/ha)				11.88	0	0	5.28	0	0	0

DN BARN Grassland

Area: 3.54 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

DN KEY CORNERS Grassland

Area: 6.17 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

DN ORCHARD BTM Grassland

Area: 2.8 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

DN TOP FIELD Grassland

Area: 2.19 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha
Projected Yield: 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

FAR GWALIA MAIZE Forage Maize

Area: 7.02 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS Index:** 1
Previous Crop: Forage Maize

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	100	55	175		0	0	0
From Manures (kgs/ha)	43.08	64.2	272.25	17.5	61.2	0	
From Fertiliser (kgs/ha)	56.92	0	0	0	0	0	0
Adjusted N-max Limit (kgs/ha)	150						

Fertiliser Recommendations

Date	Type	Product	Rate	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
28 May 2024	Activity	27N 12S	44 kgs/ha	11.88	0	0	5.28	0	0	0
Total (kgs/ha)				11.88	0	0	5.28	0	0	0

FIELD 1 Grassland

Area: 3.7 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 0 kgs N/ha
Projected Yield: 30 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	250						
From Manures (kgs/ha)	15.6	9	33.75	4.72	9	0	
From Fertiliser (kgs/ha)	234.4	0	0	0	0	0	
Adjusted N-max Limit (kgs/ha)	340						

GWALIA FAR GRASS Grassland

Area: 3.4 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

GWALIA FAR Grassland

Area: 1.78 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

GWALIA NEW TRIANGLE Grassland

Area: 0.95 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

GWALIA ROADSIDE Forage Maize

Area: 4.85 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **SNS Index:** 0 **Previous Crop:** Forage Maize

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	150	55	175		0	0	0
From Manures (kgs/ha)	43.08	64.2	272.25	17.5	61.2	0	
From Fertiliser (kgs/ha)	106.92	0	0	0	0	0	0
Adjusted N-max Limit (kgs/ha)	150						

Fertiliser Recommendations

Date	Type	Product	Rate	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
28 May 2024	Activity	27N 12S	44 kgs/ha	11.88	0	0	5.28	0	0	0
Total (kgs/ha)				11.88	0	0	5.28	0	0	0

LAGOON Grassland

Area: 5.4 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

MEADOW Grassland

Area: 7.59 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)	0	0	0	0	0	0	
Adjusted N-max Limit (kgs/ha)	340						

NEAR GWALIA MAIZE Forage Maize

Area: 8.88 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **SNS Index:** 0 **Previous Crop:** Forage Maize

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	150	55	175		0	0	0
From Manures (kgs/ha)	43.08	64.2	272.25	17.5	61.2	0	
From Fertiliser (kgs/ha)	106.92	0	0	0	0	0	0
Adjusted N-max Limit (kgs/ha)	150						

Fertiliser Recommendations

Date	Type	Product	Rate	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
28 May 2024	Activity	27N 12S	44 kgs/ha	11.88	0	0	5.28	0	0	0
Total (kgs/ha)				11.88	0	0	5.28	0	0	0

ROBERTS Grassland

Area: 0.63 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

TOP OF ORCHARD Forage Maize

Area: 1.55 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **SNS Index:** 0 **Previous Crop:** Forage Maize

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)	150	55	175		0	0	0
From Manures (kgs/ha)	43.08	64.2	272.25	17.5	61.2	0	
From Fertiliser (kgs/ha)	106.92	0	0	0	0	0	0
Adjusted N-max Limit (kgs/ha)	150						

Fertiliser Recommendations

Date	Type	Product	Rate	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
28 May 2024	Activity	**27N 12S**	**44 kgs/ha**	11.88	0	0	5.28	0	0	0
Total (kgs/ha)				11.88	0	0	5.28	0	0	0

TOWER FIELD Grassland

Area: 1.41 ha **From:** 01/09/2023 **To:** 31/08/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	43.68	25.2	94.5	13.23	25.2	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						

TRENCH 4 ACRE Grassland

Area: 1.62 ha **From:** 01/09/2023 **To:** 12/05/2024 **Soil Type:** Medium **NVZ:** Yes **SNS:** 1 kgs N/ha **Projected Yield:** 50 tonnes

Nutrient Requirements

	N	P_2O_5	K_2O	SO_3	MgO	Na_2O	Lime
Crop Need (kgs/ha)							
From Manures (kgs/ha)	14.56	8.4	31.5	4.41	8.4	0	
From Fertiliser (kgs/ha)							
Adjusted N-max Limit (kgs/ha)	340						