

LEVENDEJORD DK  
LUNDINGVEJ 39  
6100 HADERSLEV  
0



Sample No:  
LAB No:  
Sample DATE:  
Report DATE:

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Facts Fertiliser Advisor Ian Robertson 01653/12

Field ID:	7 Ha	CROP SOWN:	Grass (Grazed)
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pH & CEC	<b>A Restricted soil structure (Bd)</b>		<b>Soil test is assumed to be carried out for soil at</b>		<b>General plough depth</b>	
	Active pH	7,10	Consider Req: Crop pH	Total Exchangeable Capacity (TEC)	Result	% CLAY 0 % SAND 0
OM	A neutral soil Very good crop responses.		6 = small, 30 = large. 15 viewed as average		0	
	Buffer pH	7,10	Total Exchangeable Capacity (TEC)		soil particles not analysed	
	Organic Matter	Min >3%	3,80	Oprethold godt organisk niveau		Stone content % if known
Organic Carbon	ideal >5%	2,23			Dry BD	1,17
	Min required OM for structural integrity	3			Field Bulk density if known	
					Estimated NR	45 kg of NR from OM
					T/C/ha Target	98 Found 43 T/C/ha

Cation Summary	<b>Soil management recommendations</b>		<b>Foliar management recommendations</b>	
	pH	Overvej fordelene ved elementært svovl	Visuelt vurderet gødningsmangel symptomer	
Calcium			apply foliar Magnesium	
Magnesium		only apply crop req: K	546,0 Kg/ha K2O Found	
Potash			apply foliar phosphate	
Sodium		0,0 kg/ha recommended - Apply solubilising bacteria	Foliar apply sulphur if High N applications or sandy soil	
Phosphates		Ensure Crop requirement Applied		
Sulphates				

Base Cation Saturation figures	Reported as kilograms/hectare - elemental (kg/ha)				% Base Cation Saturation Ratios (BCSR)		
	Major Elements in Elemental form	CROP AVAILABLE NUTRIENTS		TOTAL IN SOIL Reserves	DESIRED	FOUND	
	kg/ha DESIRED	kg/ha Found	Difference	ELEMENTAL kg/ha			
Calcium	3067	3590	523	6310	68,20	79,83	
Magnesium	318	310	-8	3235	11,80	11,49	
Potassium	312	455	143	3005	3,56	5,19	
Sodium	46	15	-31	94	0,89	0,29	
Other elements	7%	3,20		Minor Importance	7,55	3,20	
Hydrogen	8%				8	0	
Sulphate (S03)	67	62,67	-4	313			
Olsen P as (P205)	95	182	87	1080			
General comment on Calcium		This soil's calcium level is high and can potentially lock up other nutrients.				Mg SP 11,49 (<15)	

Cation Ratios	<b>RATIOS : 1</b>	<b>Target level</b>	<b>Found</b>	<b>Structural comments</b>	<b>Plant health comments</b>
	Calcium	Ca : Mg	5,78	6,9	Idéel jordstruktur
Magnesium	Mg: K	3,32	2,21	Jorden er brugbar	Increase solution magnesium.
Potassium	K : Mg	0,98	1,47	Overvej bladgødnkning med Mg	Avoid excess potash.
Potassium	K : Na	4,00	17,89	Natrium niveau er OK	Begrænsede problemer fra Na
Sodium	<b>Electrical Conductivity &amp; Total Desolvable Salts</b>	<b>Sodium Adsorption Ratio</b>	<b>CROSS Ratio of Stability</b>	<b>Estimated Sodium Potential (ESP)</b>	<b>Na : K</b>
	EC/TDS	Guide <4	0,05	Guide result <6	0,29

Biology	<b>Phosphorus</b>	6,76	% 5-8	Forbedre jordens biologi - anvend (fosfor mobiliserende bakterier)	<b>Biological Treatment</b>
	C:P ratio	40,3	40to1	Vedligehold humusen	Yes Beneficial
pH	7,10		Et bakteriel domineret miljø	Afgrøde afhængig	
Organic Carbon	2,23 %		Build Organic Carbon	Aim for soil carbon to be above 5%	

Trace Elements	<b>Predicted availability of trace elements</b>			<b>Found</b>	<b>Guides</b>	<b>Soil Treatments</b>	<b>Foliar treatment</b>
	Boron	B	mg/l	1,40	1.2-2.4		
Iron	Fe	mg/l	387,00	18 - 189	Anvend produkter, der skaber nye rødder		
Manganese	Mn	mg/l	79,70	18 - 70	Overvej anvendelse af kobber i jord	Q: lockup	
Copper	Cu	mg/l	2,50	2.5 - 7			
Zinc	Zn	mg/l	5,40	4 - 10.			
Chlorine	Cl	mg/l	16,00	9-20.			
Iodine	I	mg/l	0,00	1			
Molybdenum	Mo	mg/l	0,50	0.5-0.7	N/A	Brassicae/pulse/ clover respond to Mo	
Cobalt	Co	mg/l	0,70	0.5-2.			

Index Figures	<b>Standard UK index to ISO/IEC 17025-2005</b>			<b>Morgan / Reams</b>		<b>Modified Morgan</b>	
	mg/l	Index	Buffer pH	7,1	Index	Mg/l	mg/l
	47,8	4	Phosphorus	0	0	Phosphorus	38,5
	284	3	Potassium	0	0	Potassium	281
	175	3	Magnesium	0	0	Magnesium	213
			Calcium		0		
			Organic Matter	3,8		Organic Matter	0
	1,6	standard UK K:Mg Ratio OK					

This report is based on the soil sample as received, and labeled by the sender. The company will not be responsible for any errors in sampling or labelling.