

**LIME / DOLOMITE
 ANALYSIS REPORT**

AGENT: HENSCHKE INDUSTRIES **CONTROL NO:** 2020-415
CLIENT'S NAME: SAMPLE A PM307 27-11-20 **LAB NO:** 110756302
SAMPLE NAME: SAMPLE H **Sample No:** L2
SAMPLE RECEIVED: 02.12.20
REPORT DATE: 10.12.20

ANALYSIS (ON AN AIR DRY BASIS)			
		Level Found	Ideal%
MOISTURE			
SOLIDS			
CALCIUM	Ca %	37.60	36 - 39
EXPRESSED AS CALCIUM OXIDE	CaO %	52.62	
EXPRESSED AS CALCIUM CARBONATE	CaCO ₃ %	93.91	90 - 98
MAGNESIUM	Mg %	0.25	
EXPRESSED AS MAGNESIUM OXIDE	MgO %	0.41	
EXPRESSED AS MAGNESIUM CARBONATE	MgCO ₃ %	0.85	
EXPRESSED AS CaCO ₃ EQUIVALENT	%	1.01	
TNV - TOTAL NEUTRALISING VALUE			
In Terms of CaCO ₃	%	95	90 - 100
FINENESS TEST:			
SIEVE NO.	%		
>850 micron	12.5		
300-850 micron	29.8		
<300 micron	57.7		
ENV - EFFECTIVE NEUTRALISING VALUE	%	73	65 - 80
SULFUR	SO ₄ -S%	<0.05	
KGS TOTAL CA PER TONNE		376.04	
KGS TOTAL MG PER TONNE		2.45	
KGS TOTAL S PER TONNE		0	

Comments:

** This is a high calcium lime indicated by the high calcium carbonate percentage.*

** It is also a relatively fine product as indicated by the good ENV. Ideally > 60% will pass through a 300 micron sieve.*

** In conclusion, this sample is considered good quality and suitable for use as a soil amendment for the reasons stated above.*