



Fertiliser Trials Settings Table

Customer LKAB Minerals Ltd

Fertiliser Calcifert Sulphur

Date 01.11.2019

Fertiliser Analysis

	Average	Lowest	Highest	
Bulk Density (kg/l)	1.23	1.22	1.24	
Strength (kg)	3	2	4	
Size analysis (mm)	0 - 2	2 - 3.3	3.3 - 4.75	> 4.75
Average	2	45	50	3
Highest	0	30	60	10
Lowest	0	35	45	0

Spread Settings

LKAB Minerals Ltd Calcifert Sulphur

Machine	Disc / Vane type	Spreader height/tilt	Speed Type	PTO / Disc Speed	Spread width	Spread setting
Amazon ZAM	OM 18-24	80	PTO	540	24m	10/40
	OM 24-36	80	PTO	540	24m	5/38
	OM 24-36	80	PTO	540	32m	8/45
	OM 24-36	80	PTO	540	36m	10/48
Amazon ZAM Ultra	OM 24-48	80	PTO	720	24m	10/42
	OM 24-48	80	PTO	720	32m	16/53
	OM 24-48	80	PTO	720	36m	18/54
Kuhn Axis 30.1	S4	60	PTO	540	24m	3.5
	S6	60	PTO	540	24m	1.5
	S6	60	PTO	540	32m	3
	S8	60	PTO	540	36m	4
Kverneland Exacta HL	285mm	75	Disc	950	24m	M
	285mm	75	Disc	1030	32m	I
	Lift	75	Disc	950	32m	T
	Lift	75	Disc	950	36m	S
Accord Exacta HL	285mm	75	Disc	950	24m	R
	285mm	75	Disc	1030	32m	N
KRM M2	E6T	75 +4*	PTO	500	24m	3&4
	E8T	85 +6*	PTO	500	32m	2&3
Teagle Centerliner SX	268mm	75 +5*	PTO	500	24m	N/A
Amazon ZAV	VS2	80	PTO	540	24m	9/41
	VS3	80	PTO	540	24m	5/38
	VS3	80	PTO	540	32m	6/40
	VS3	80	PTO	540	36m	6/42
Amazon ZA TS	TS2	80	Disc	600	24m	10
	TS3	80	Disc	540	24m	0
	TS3	80	Disc	600	32m	6
	TS3	80	Disc	600	36m	15



SCS Spreader & Sprayer Testing Ltd

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Settings provided in the spreading table above are derived from practical tests in the field carried out by SCS Spreader & Sprayer Testing Ltd.

Settings obtained in these trials using fertiliser provided by **LKAB Minerals Ltd**

All of the spreaders used for the tests have been checked by an SCS engineer to ensure that they are in excellent working order. Any spreaders not in such condition can have a detrimental effect upon the spread patterns, which may cause visible problems in the field.

We would particularly emphasise that physical characteristics of fertiliser can vary, even within the same type and brand, due to differences in size of granules, density, surface texture, specific weight and quality of granules, etc.

These variations can influence spreading characteristics quite markedly, which result in differences in the fertiliser application rates as well as changes in spread patterns.

Machine equivalents:

Amazone ZAM: 1200, 1500, Compact, Novis, Maxis and Max

Kuhn Axis 30.1: 40.1, 30.2, 40.2

KRM M2: Ex Trend, M3, M6, M34, M45, M60

Kverneland Exacta HL: TL, Vicon RS-XL: RO-XL, RS-EDW, RO-EDW and Kubota DSX

Accord Exacta HL: TL

Teagle Centerliner: Lely and Tulip Centerliners



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