



Calcifert LS11 Trials Settings Table

Customer LKAB

Product Calcifert LS11

Date 05/06/2024

Granule Analysis

	Average	Lowest	Highest	Standard Deviation
Bulk Density (kg/l)	1.15	1.1	1.18	0.03
Strength (kg)	2.17	1	5	0.75
Size analysis (mm)	0 - 2	2 - 3.3	3.3 - 4.75	> 4.75
Average	0.6	16.5	46.5	36.4
Highest	5	50	65	60
Lowest	0	0	25	8
Standard Deviation	1.8	16.3	12.2	18.0

Spread Settings

LKAB Calcifert LS11

Machine	Disc / Vane type	Spreader height/tilt	Speed Type	PTO / Disc Speed	Spread width	Spread setting
Amazone ZAM	OM 18-24	80cm	PTO	540	24m	14/42
	OM 24-36	80cm	PTO	540	24m	5/38
	OM 24-36	80cm	PTO	540	30m	7/41
	OM 24-36	80cm	PTO	540	36m	10/45
Amazone ZAM Ultra	OM 24-48	80cm	Disc	720	24m	12/42
	OM 24-48	80cm	Disc	720	30m	16/48
	OM 24-48	80cm	Disc	720	36m	20/54
Amazone ZAV	VS2	80cm	Disc	720	24m	8/40
	VS3	80cm	Disc	720	24m	1/37
	VS3	80cm	Disc	720	30m	3/38
	VS3	80cm	Disc	720	36m	4/40
Amazone ZATS	TS2	80cm	Disc	600	24m	8
	TS3	80cm	Disc	600	24m	8
	TS3	80cm	Disc	600	30m	15
	TS3	80cm	Disc	600	36m	22
KRM M35 Base Trend	E6T	75cm +6°	PTO	500	24m	1/2
	E8T	85cm +6°	PTO	500	30m	2/3 (Rate Max)
Kverneland Exacta HL	285/285/285	75cm	Disc	950	24m	M
	285/285/285	75cm	Disc	950	30m	J
	Lift Vanes	75cm	Disc	950	36m	O
Accord HL	285/285/285	75cm	Disc	950	24m	R
	285/285/285	75cm	Disc	950	30m	O
	Lift Vanes	75cm	Disc	950	36m	T
Kuhn Axis 50.1	S4	60cm	Disc	900	24m	4
	S6	60cm	Disc	900	24m	2
	S6	60cm	Disc	900	30m	4
	S8	60cm	Disc	900	36m	4.5
	S12	60cm	Disc	600	36m	1
Teagle Centerliner SX	268mm	75cm +10°	PTO	400	24m	N/A

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 product provided by **LKAB**

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 granules 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 granule application rates as well as changes in spread patterns.

Machine equivalents:

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

Kuhn Axis 50.1: 30.1, 40.1, 30.2, 40.2, 50.2

KRM M35: Ex Trend, M2, M3, M6, 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