

Aarhus Universitet

Institute of Agricultural Engineering
 Fertiliser Test Hall
 Research Centre Bøgholm, Schüttesvej 17, DK 8700-Horsens
 Phone : +45 89993022 / + 45 89993025 / Fax : +45 89993101
 E-mail : fert.test@au.dk



BREDAL Bredal F2

Bredal F2

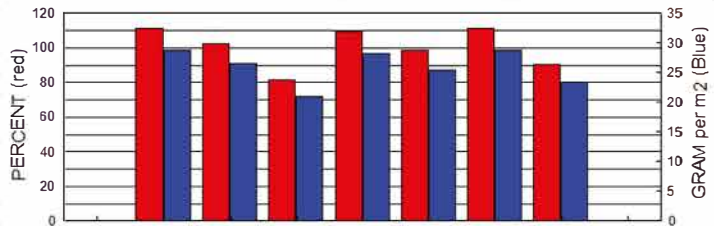
YaraBela Extran

Date of calc. 23.11.2015 14.26

Test number	20151104013	0
	Normal	Normal
Spreader ID n.	F2 - 3198 / 2014	
Working width	36	m
Wanted rate	250	kg / ha
	120.00	kg / min
	Left	Right
Opening	0	0
Gear - dosage	-	
Disc type	A 24 - 36	
Vane type	-	
Vane pos	0	0
Drop point	4,5	
Pto speed	1100	rpm
Disc gear	-	
Disc speed	1210 / 0	rpm
Mount height	85	cm
Tilt	-	
Tilt	-	
Trav. speed	8.00	km/h
Distance to disc	-	
Number of rolls	1.00	

2E+010 Spreading 2015/11/4/1/13

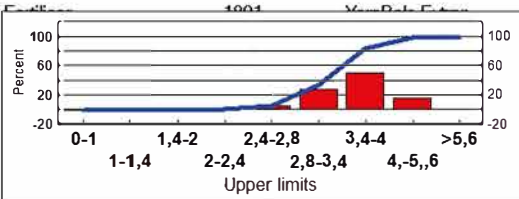
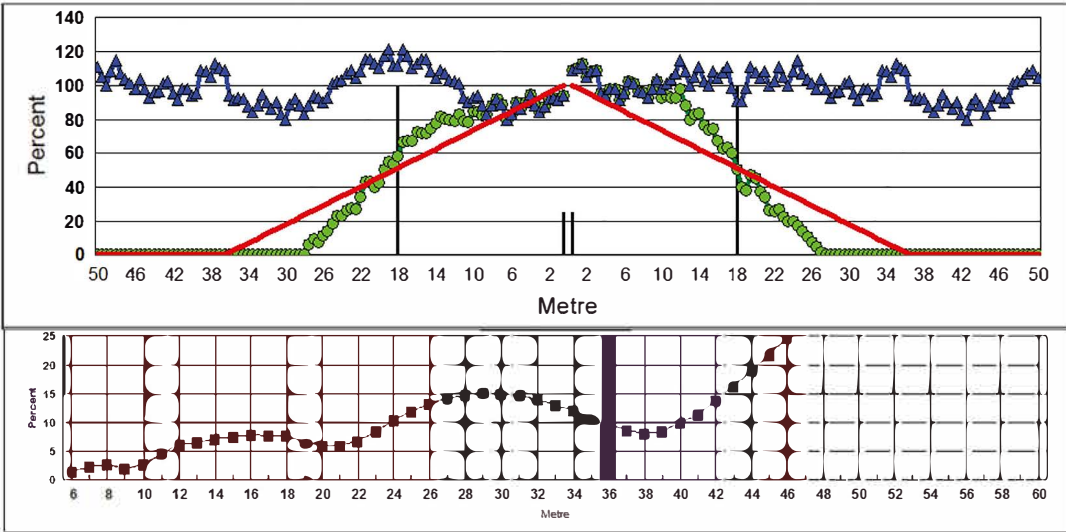
CV	9.55	%	
Deviation, max	21.73	%	
Deviation, min	-20.14	%	
Left / Right (SINGLE)	48.7	51.3	%
Left / Right (DOUBLE)	48.7 / 51.3	%	% of intended
Application rate	258	kg/ha	103
Flow rate	123.81	kg/min	2.0



Dist %	-18	-12	-6	0	6	12	18	
Gram	111.7	102.7	81.4	109.3	98.9	111.7	90.7	0.0
	28.8	26.5	21.0	28.2	25.5	28.8	23.4	0.0

Remarks:

1 vinge skiftet



Bulk density	1070.7	qr/l
Flowability	4.6	Kg/min
Angle of repos	0.0	degree
D10	2.9	mm
D50	3.6	mm
D90	4.3	mm

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Bogballe M2W quadro

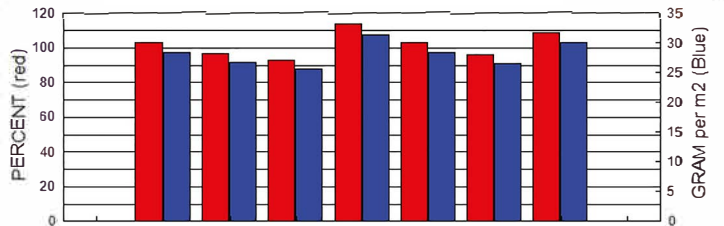
M2W quadro

YaraBela Extran

Date of calc. 23.11.2015 14.51

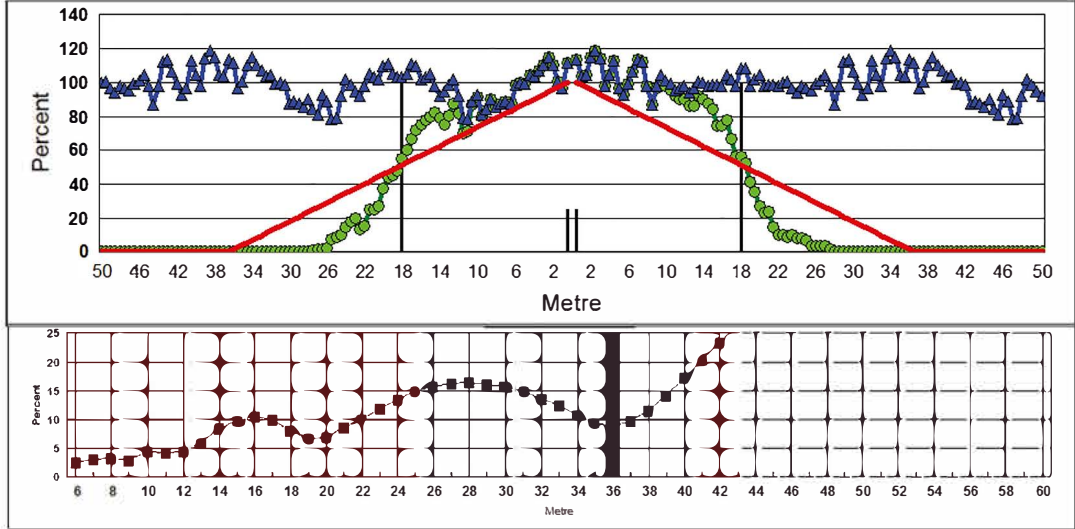
Test number	20151014007	0
Spreader ID n.	899	Normal
Working width	36	m
Wanted rate	250	kg/ha
	120.00	kg/min
	Left	Right
Opening	0	0
Gear - dosage	-	
Disc type	E 6	
Vane type		
Vane pos	12	0
Drop point		
Pto speed	540	rpm
Disc gear		ratio
Disc speed	1000 / 0	rpm
Mount height		cm
Tilt	4	degree
Tilt		cm
Trav. speed	8.00	km/h
Distance to dis	75	cm
Number of rol	1.00	

CV	8.89	%
Deviation, max	18.86	%
Deviation, min	-21.72	%
Left / Right (SINGLE)	48.9	51.1 %
Left / Right (DOUBLE)	48.9 / 51.1	%
Application rate	276	kg/ha
Flow rate	132.45	kg/min

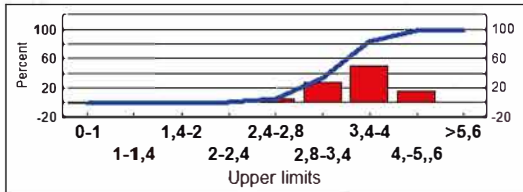


Dist %	-18	-12	-6	0	6	12	18	
Gram	102.9	97.1	93.1	113.8	102.9	96.0	108.7	0.0
	28.4	26.8	25.7	31.4	28.4	26.5	30.0	0.0

Remarks: 0




Fertiliser 1801 YaraBela Extran



Bulk density	1070.7	qr/l
Flowability	4.6	Kg/min
Angle of repos	0.0	degree
D10	2.9	mm
D50	3.6	mm
D90	4.3	mm

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Bogballe M2W quadro

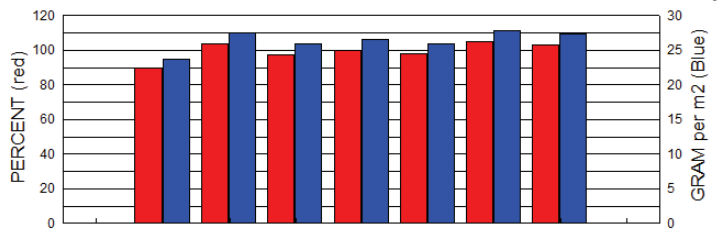
M2W quadro

YaraBela Extran

Date of calc. 23.11.2015 14.52

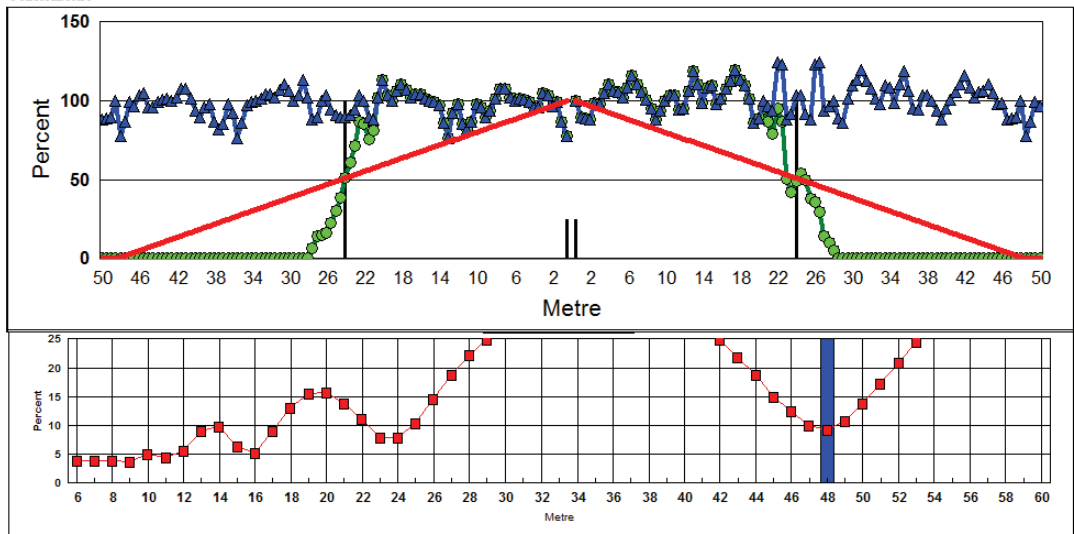
Test number	20151014012	0
Spreader ID n.	899	Normal
Working width	48	m
Wanted rate	250	kg / ha
	160.00	kg / min
	Left	Right
Opening	0	0
Gear - dosage	-	
Disc type	E 6	
Vane type		
Vane pos	1-2	0
Drop point	-	
Pto speed	600	rpm
Disc gear	-	ratio
Disc speed	1000 / 0	rpm
Mount height		cm
Tilt	8	degree
Tilt		cm
Trav. speed	8.00	km/h
Distance to di	75	cm
Number of run	1.00	

2E+010 Spreading	2015/10/14/1/12	
CV	9.28	%
Deviation, max	24.41	%
Deviation, min	23.85	%
Left / Right (SINGLE)	48.7	51.3 %
Left / Right (DOUBLE)	48.7 / 51.3	%
Application rate	265	kg/ha
Flow rate	169.76	kg/min
		% of intended
		106
		2.0

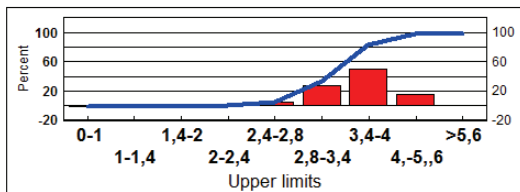


Dist	-24	-16	-8	0	8	16	24	
%	89.7	104.1	97.6	100.3	98.0	104.8	103.3	0.0
Gram	23.8	27.6	25.9	26.6	26.0	27.8	27.4	0.0

Remarks: 0



Fertiliser 1801 YaraBela Extran



Bulkdensity	1070.7	gr/l
Flowability	4.6	Kg/min
Angle of repos	0.0	degree
D10	2.9	mm
D50	3.6	mm
D90	4.3	mm

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AMAZONE ZA - M / 36 M

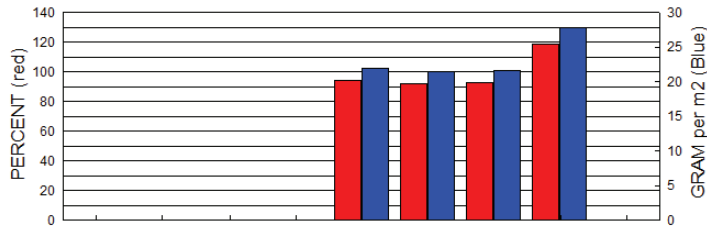
ZA - M/36 M

YaraBela Extran

Date of calc. 23.11.2015 14.55

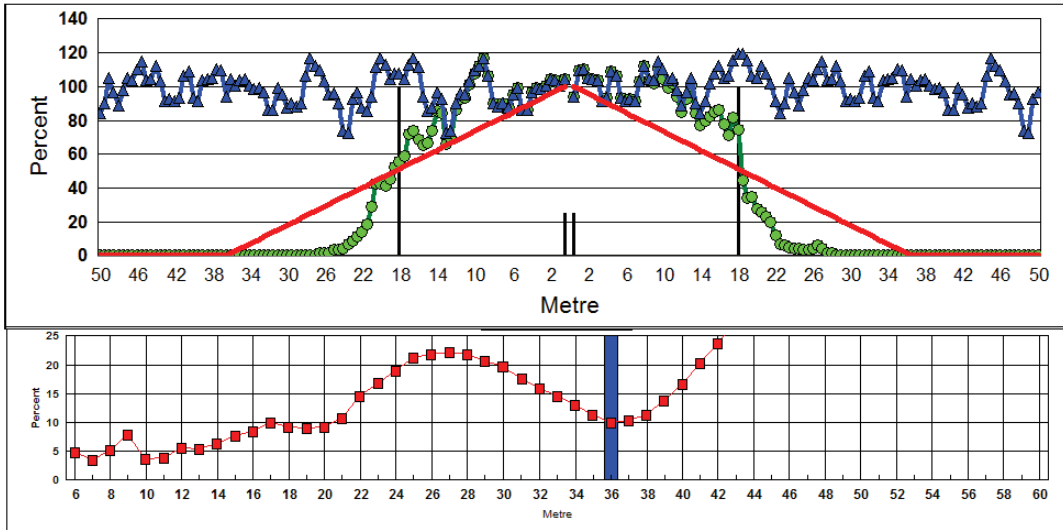
Test number	20151104040	0
Spreader ID n.	0	Normal
Working width	36	m
Wanted rate	250	kg / ha
	180.00	kg / min
	Left	Right
Opening	41	0
Gear - dosage	-	
Disc type	OM24-36	
Vane type		
Vane pos	0	0
Drop point	14 - 46	
Pro speed	540	rpm
Disc gear	-	ratio
Disc speed	594 / 0	rpm
Mount height	80 - 80	cm
Tilt	-	degree
Tilt	-	cm
Trav. speed	12.00	km/h
Distance to disk		cm
Number of run	1.00	

2E+010 Spreading	2015/11/4/1/40	
CV	9.96	%
Deviation, max	19.19	%
Deviation, min	-27.12	%
Left / Right (SINGLE)	48.9	51.1 %
Left / Right (DOUBLE)	48.9 / 51.1	%
Application rate	233	kg/ha
Flow rate	167.94	kg/min
		% of intended
		93
		2.0

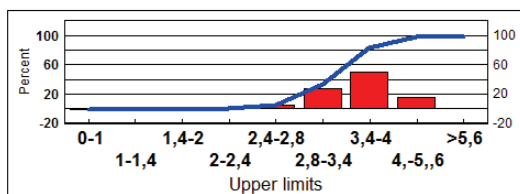


Dist				0	6	12	18	
%	0.0	0.0	0.0	94.3	92.2	93.0	119.2	0.0
Gram	0.0	0.0	0.0	22.0	21.5	21.7	27.8	0.0

Remarks: 0



Fertiliser 1801 YaraBela Extran



Bulkdensity	1070.7	qr/l
Flowability	4.6	Kq/min
Angle of repos	0.0	degree
D10	2.9	mm
D50	3.6	mm
D90	4.3	mm