

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



BREDAL Bredal F2

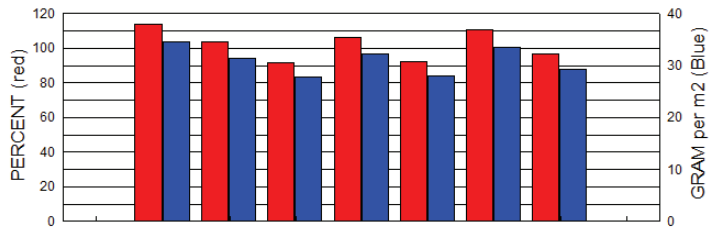
Bredal F2

Date of calc. 23.11.2015 14.47

YaraMila Raps

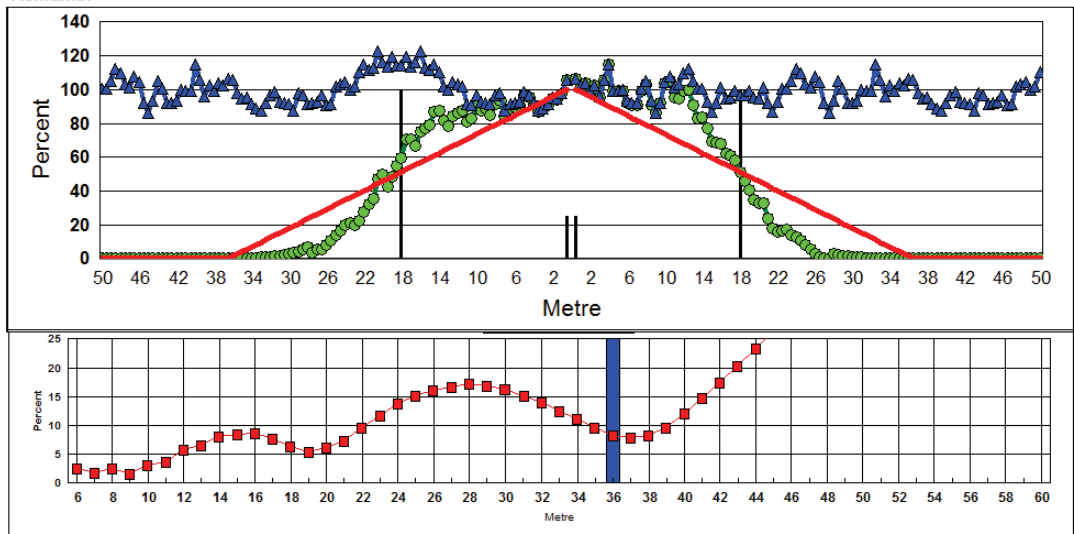
<i>Test number</i>	20151104024	0
	Normal	Normal
<i>Spreader ID n</i>	F2 - 3198 / 2014	
<i>Working width</i>	36	m
<i>Wanted rate</i>	300	kg / ha
	144.00	kg / min
	Left	Right
	5.5	0
<i>Opening</i>	-	
<i>Gear - dosage</i>	-	
<i>Disc type</i>	A24-36	
<i>Vane type</i>	-	
<i>Vane pos</i>	0	0
<i>Drop point</i>	4,5	
<i>Pto speed</i>	1000	rpm
<i>Disc gear</i>	-	
<i>Disc speed</i>	12 / 0	rpm
<i>Mount height</i>	85	cm
<i>Tilt</i>	-	
<i>Tilt</i>	-	
<i>Trav. speed</i>	8.00	km/h
<i>Distance to di</i>	-	
<i>Number of run</i>	1.00	

<i>CV</i>	8.29	%	
<i>Deviation, max</i>	22.73	%	
<i>Deviation, min</i>	-13.56	%	
<i>Left / Right (SINGLE)</i>	50.2	49.8	%
<i>Left / Right (DOUBLE)</i>	50.2 / 49.8		%
<i>Application rate</i>	303	kg/ha	% of intended
<i>Flow rate</i>	145.48	kg/min	101

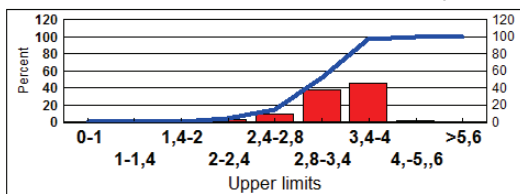


Dist	-18	-12	-6	0	6	12	18	
%	114.2	103.6	91.8	106.5	92.7	110.9	97.0	0.0
Gram	34.6	31.4	27.8	32.3	28.1	33.6	29.4	0.0

Remarks: 0




Fertiliser 1802 YaraMila Raps



Bulkdensity	1136.2	gr/l
Flowability	5.0	Kg/min
Angle of repos	0.0	degree
D10	2.6	mm
D50	3.2	mm
D90	3.9	mm

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BREDAL Bredal F2

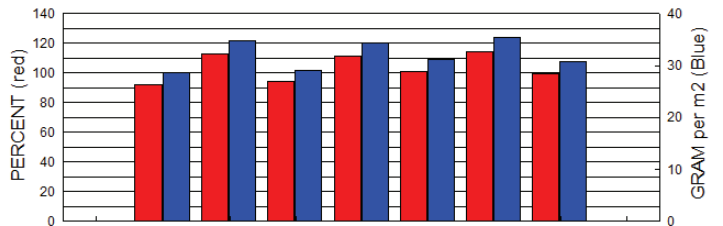
Bredal F2

Date of calc. 23.11.2015 14.48

YaraMila Raps

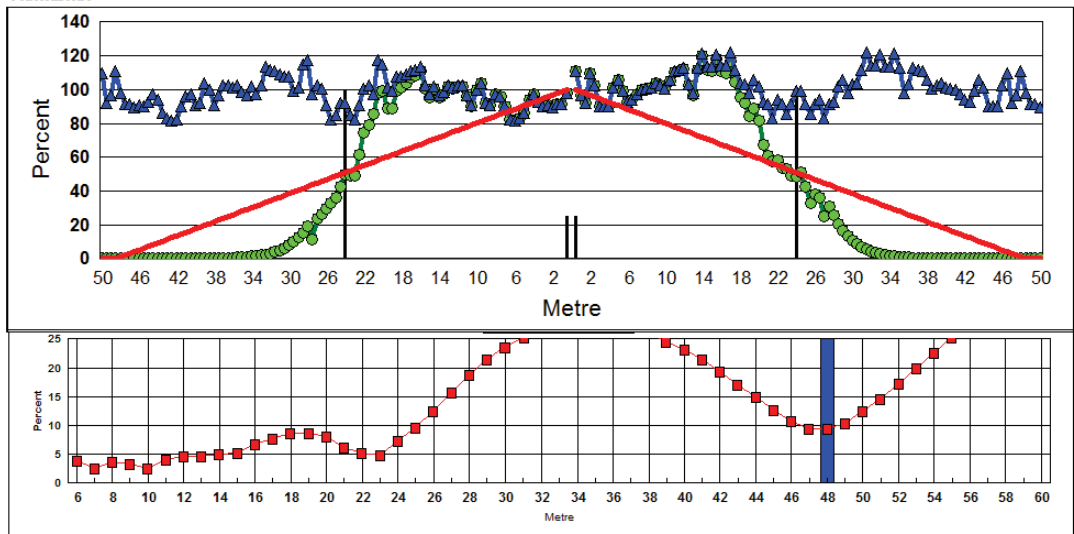
Test number	20151104027	0
	Normal	Normal
Spreader ID n	F2 - 3198 / 2014	
Working width	48	m
Wanted rate	300	kg / ha
	192.00	kg / min
	Left	Right
Opening	9	0
Gear - dosage	-	
Disc type	A24-36	
Vane type	-	
Vane pos	0	0
Drop point	7	
Pto speed	1100	rpm
Disc gear	-	
Disc speed	12 / 0	rpm
Mount height	85	cm
Tilt	-	
Tilt	-	
Trav. speed	8.00	km/h
Distance to dis	-	
Number of run	1.00	

CV	9.44	%	
Deviation, max	22.37	%	
Deviation, min	-18.59	%	
Left / Right (SINGLE)	48.8	51.2	%
Left / Right (DOUBLE)	48.8 / 51.2	%	% of intended
Application rate	310	kg/ha	103
Flow rate	198.10	kg/min	2.0

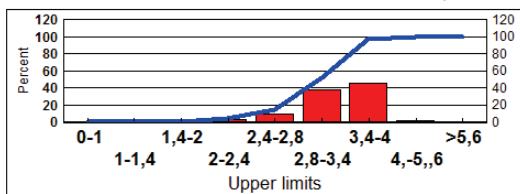


Dist	-24	-16	-8	0	8	16	24	
%	92.4	112.8	94.3	111.1	101.1	114.4	99.5	0.0
Gram	28.6	34.9	29.2	34.4	31.3	35.4	30.8	0.0

Remarks: 0



Fertiliser 1802 YaraMila Raps



Bulkdensity	1136.2	gr/l
Flowability	5.0	Kg/min
Angle of repos	0.0	degree
D10	2.6	mm
D50	3.2	mm
D90	3.9	mm

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Bogballe M2W quadro

M2W quadro

Date of calc. 23.11.2015 14.53

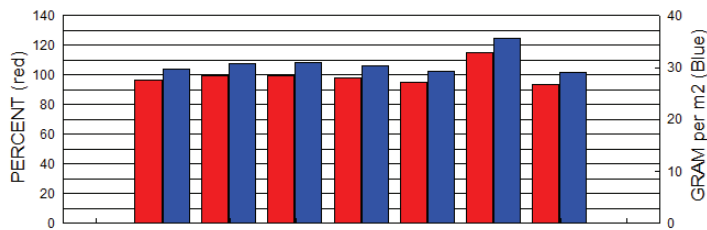
YaraMila Raps

<i>Test number</i>	20151014005	0
<i>Spreader ID n.</i>	899	Normal
<i>Working width</i>	36	m
<i>Wanted rate</i>	300	kg / ha
	144.00	kg / min
	Left	Right
<i>Opening</i>	0	0
<i>Gear - dosage</i>	-	
<i>Disc type</i>	E 6	
<i>Vane type</i>		
<i>Vane pos</i>	12	0
<i>Drop point</i>		
<i>Pto speed</i>	540	rpm
<i>Disc gear</i>	-	ratio
<i>Disc speed</i>	1000 / 0	rpm
<i>Mount height</i>		cm
<i>Tilt</i>	2	degree
<i>Tilt</i>		cm
<i>Trav. speed</i>	8.00	km/h
<i>Distance to dis</i>	75	cm
<i>Number of run</i>	1.00	

Normal

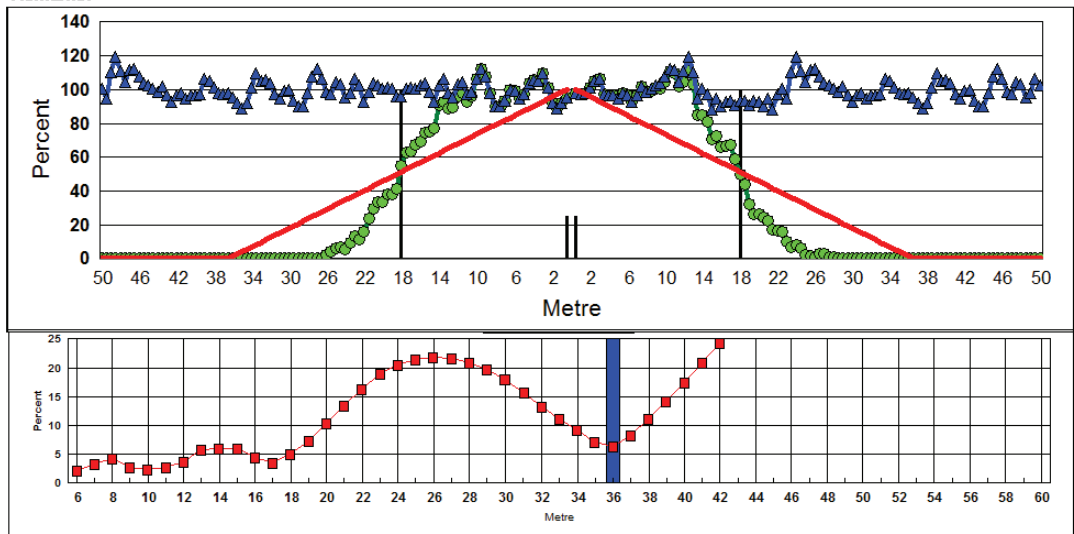
<i>CV</i>	6.39	%
<i>Deviation, max</i>	19.59	%
<i>Deviation, min</i>	-12.08	%
<i>Left / Right (SINGLE)</i>	49.9	50.1 %
<i>Left / Right (DOUBLE)</i>	49.9 / 50.1	%
<i>Application rate</i>	309	kg/ha
<i>Flow rate</i>	148.51	kg/min

% of intended 103 2.0

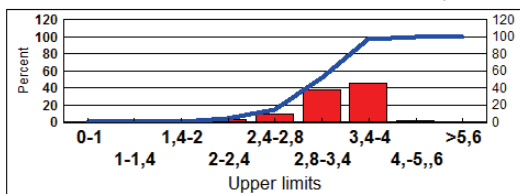


Dist	-18	-12	-6	0	6	12	18
%	96.3	99.6	99.9	98.3	95.0	115.4	93.7
Gram	29.8	30.8	30.9	30.4	29.4	35.7	29.0

Remarks: 0




Fertiliser 1802 YaraMila Raps



Bulkdensity	1136.2	gr/l
Flowability	5.0	Kg/min
Angle of repos	0.0	degree
D10	2.6	mm
D50	3.2	mm
D90	3.9	mm

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AMAZONE ZA - M / 36 M

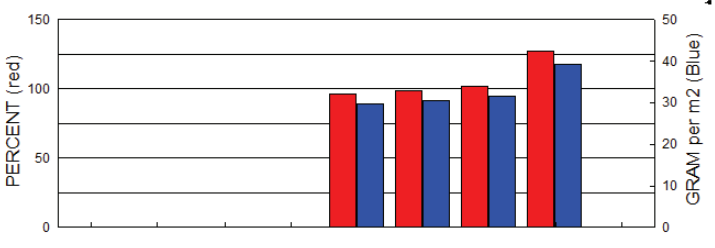
ZA - M/36 M

YaraMila Raps

Date of calc. 23.11.2015 14.56

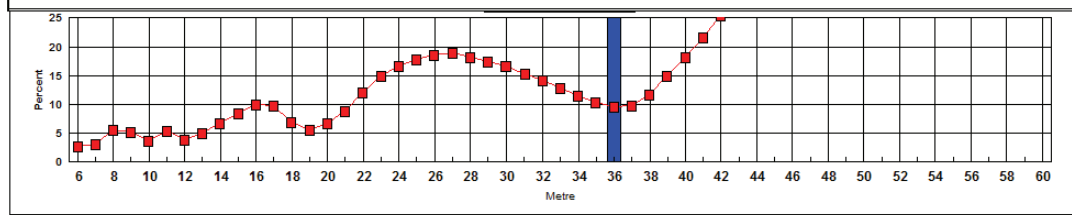
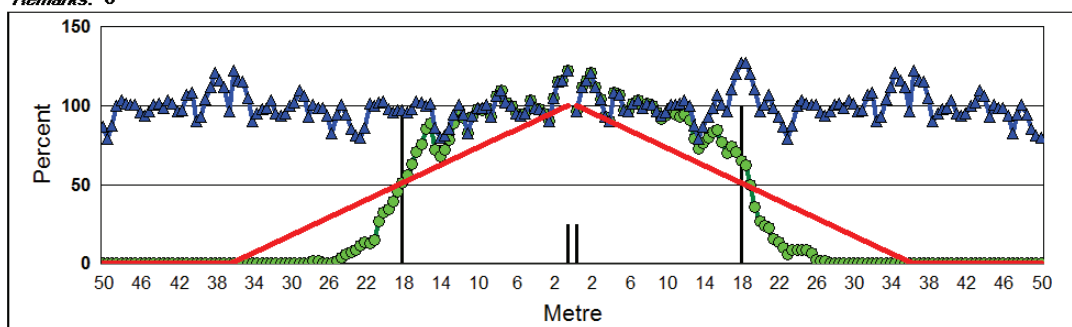
Test number	20151104043	0
Spreader ID n.	0	Normal
Working width	36	m
Wanted rate	300	kg / ha
	180.00	kg / min
	Left	Right
Opening	43	0
Gear - dosage	-	
Disc type	OM24-36	
Vane type		
Vane pos	0	0
Drop point	16 - 49	
Pto speed	540	rpm
Disc gear	-	ratio
Disc speed	594 / 0	rpm
Mount height	80 - 80	cm
Tilt	-	degree
Tilt	-	cm
Trav. speed	10.00	km/h
Distance to di		cm
Number of run	1.00	

2E+010 Spreading	2015/11/4/1/43	
CV	9.67	%
Deviation, max	27.50	%
Deviation, min	21.04	%
Left / Right (SINGLE)	49.1	50.9 %
Left / Right (DOUBLE)	49.1 / 50.9	%
Application rate	309	kg/ha
Flow rate	185.42	kg/min

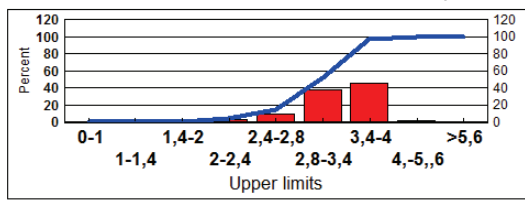


Dist %				0	6	12	18	
Gram	0.0	0.0	0.0	96.4	99.0	101.9	127.5	0.0
	0.0	0.0	0.0	29.8	30.6	31.5	39.4	0.0

Remarks: 0



Fertiliser 1802 YaraMila Raps



Bulkdensity	1136.2	gr/l
Flowability	5.0	Kg/min
Angle of repos	0.0	degree
D10	2.6	mm
D50	3.2	mm
D90	3.9	mm