

filnavn: A:\korninud

Gødningsanalyse

ga1487

Modt. dato YAR 11 03 08

Dato - ana 20110412

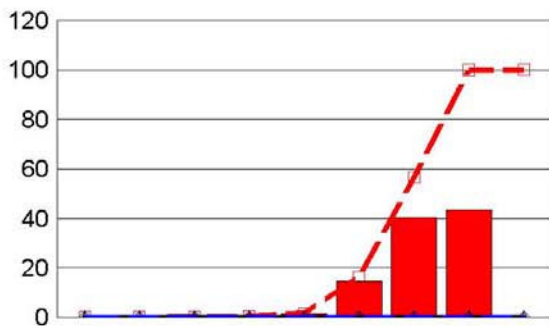
Dato - rev 12.4.111

Gødningsnummer YARA SULFAN NS 24 - 7 , Gran  
1487

	Parti 1	Parti 2	Parti 3	AVG
Dato	20110412	20110412	20110412	
Skridningsvinkel	32	0	0	Degrees 32,0
Volumen l	2	0	0	
Vægt gr	2244,6	0	0	
Liter v gr/l	1122,3	0	0	Bulk dens 1122,3
Mængde, gr	0	0	0	
Volumen, gr	0	0	0	
Massefyl gr	0	0	0	Density 0,0
Gen.løb sek	22,5	0	0	
Flow gr/s	99,76	0	0	Flow rate 99,8

Summeret masse	Vejetal	Vejetal	Vejetal
Mængde 1	5,6	0,3	0
Mængde 2	4	329	0
Mængde 3	3,4	633,5	0
Mængde 4	2,8	744,3	0
Mængde 5	2,4	754,8	0
Mængde 6	2	757,1	0
Mængde 7	1,4	757,5	0
Mængde 8	1	757,6	0
Mængde 9	0	757,6	0
Total	5,6	757,6	0

	Sold, mm	Gram	Sum %	Gram	Sum %	Gram	Sum %	G. %	G sum %
1	0	0	0,0	0	0,0	0	0,0	0,0	0,0
2	1	0,1	0,0	0	0,0	0	0,0	0,0	0,0
3	1,4	0,4	0,1	0	0,0	0	0,0	0,1	0,1
4	2	2,3	0,4	0	0,0	0	0,0	0,3	0,4
5	2,4	10,5	1,8	0	0,0	0	0,0	1,4	1,8
6	2,8	110,8	16,4	0	0,0	0	0,0	14,6	16,4
7	3,4	304,5	56,6	0	0,0	0	0,0	40,2	56,6
8	4	328,7	100,0	0	0,0	0	0,0	43,4	100,0
9	5,6	0,3	100,0	0	0,0	0	0,0	0,0	100,0
Sum		757,6 gram		0 gram		0 gram			



D10	mm	3,03
D50	mm	3,90
D90	mm	4,46

D10	mm	0,00
D50	mm	0,00
D90	mm	0,00

D10	mm	0,00
D50	mm	0,00
D90	mm	0,00

D10	mm	3,03
D50	mm	3,90
D90	mm	4,46

D10 / D90 1,4748888

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## BREDAL , K 65

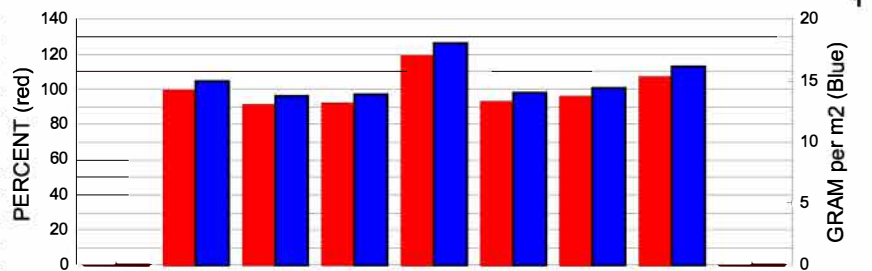
### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.30

<b>Test number</b>	20110404020	
	Normal	
<b>Spreader ID n<sup>o</sup></b>	081212(1761)	
<b>Working width</b>	36	m
<b>Wanted rate</b>	150	kg / ha
	93,00	kg / min
	Left	Right
<b>Opening</b>	42	0
<b>Gear - dosage</b>		
<b>Disc type</b>	H 12 - 36	0
<b>Vane type</b>	0	
<b>Vane pos</b>	Runde	0
<b>Drop point</b>	0 / 120	
<b>Pto speed</b>	1000	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	1000 / 0	rpm
<b>Mount hight</b>	0	cm
<b>Tilt</b>	0	degree
<b>Tilt</b>		cm
<b>Trav. speed</b>	10,33	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	2,00	

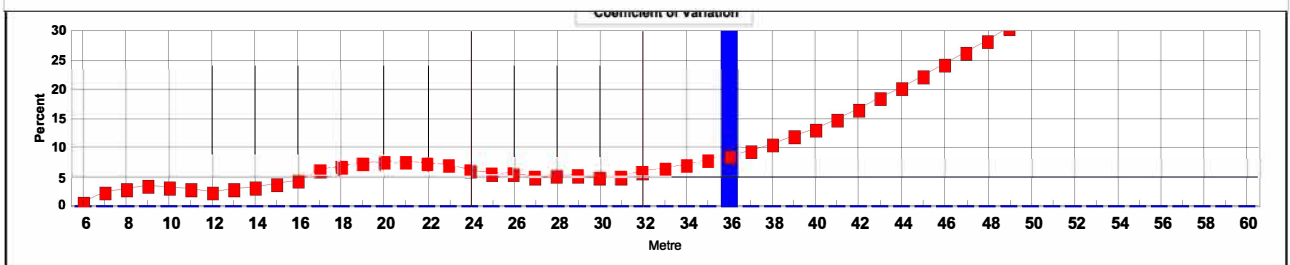
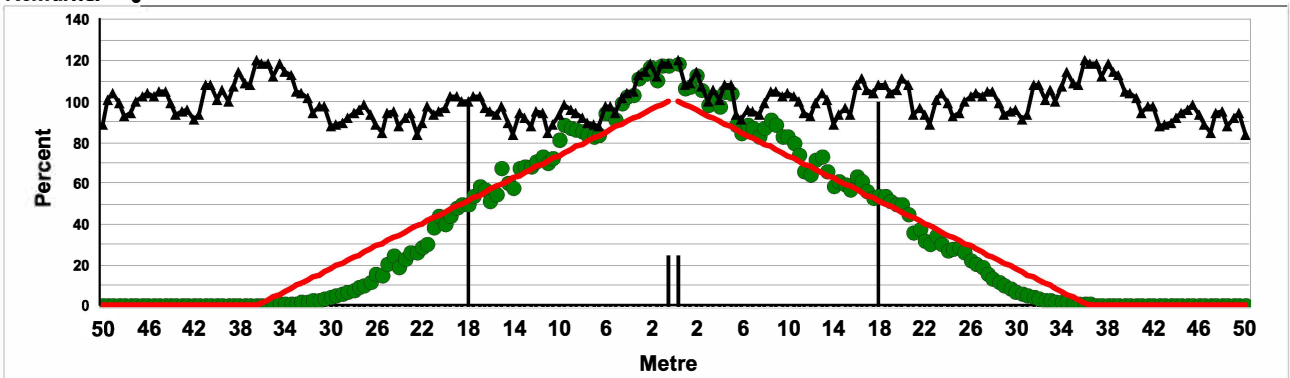
Normal 0 0 Spreading 2011 / 4 / 4 / 2 / 20

<b>VK</b>	8,59	%	
<b>Deviation, max</b>	20,19	%	
<b>Deviation, min</b>	-15,99	%	
<b>Left / Right (SINGLE)</b>	49,0	51,0	%
<b>Left / Right (DOUBLE)</b>	49,0 / 51,0	%	% of intended
<b>Application rate</b>	150,0	kg/ha	100
<b>Flow rate</b>	93,00	kg/min	2,0



Dist	-18	-12	-6	0	6	12	18	
%	100,0	91,7	92,8	120,2	93,2	96,0	108,0	0,0
Gram	15,0	13,8	13,9	18,0	14,0	14,4	16,2	0,0

Remarks: 0



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## BREDAL , K 65

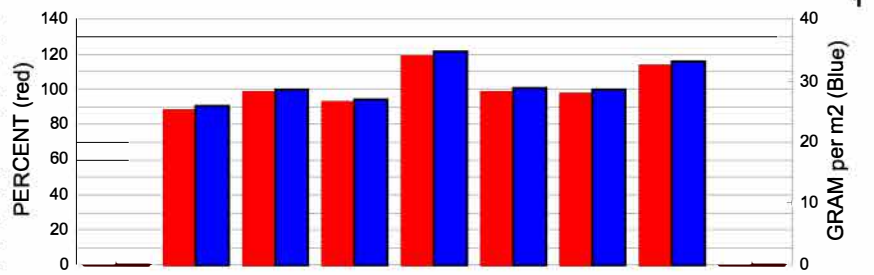
### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.32

<b>Test number</b>	20110404012	
	Normal	
<b>Spreader ID n<sup>o</sup></b>	081212(1761)	
<b>Working width</b>	48	m
<b>Wanted rate</b>	300	kg / ha
	248,01	kg / min
	Left	Right
<b>Opening</b>	100	0
<b>Gear - dosage</b>		
<b>Disc type</b>	H 12 - 36	0
<b>Vane type</b>	0	
<b>Vane pos</b>	Runde	0
<b>Drop point</b>	7 / 100	
<b>Pto speed</b>	1000	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	1000 / 0	rpm
<b>Mount hight</b>	0	cm
<b>Tilt</b>	0	degree
<b>Tilt</b>		cm
<b>Trav. speed</b>	10,33	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	1,00	

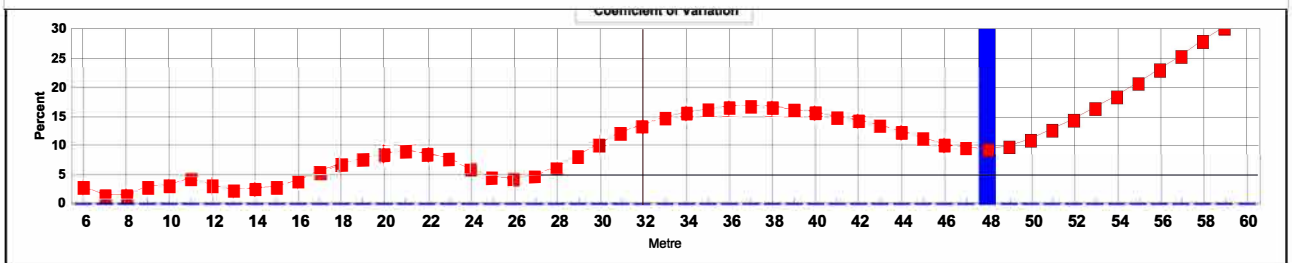
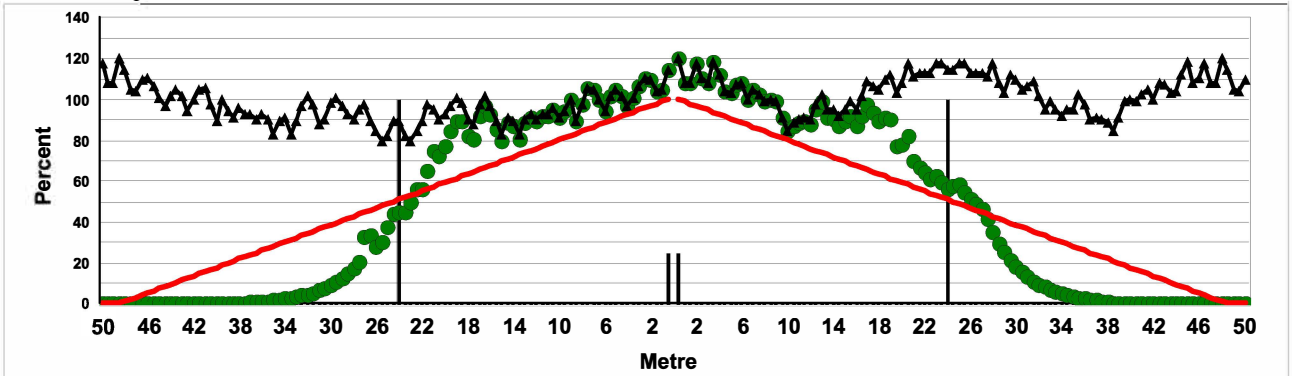
0 0 Spreading 2011 / 4 / 4 / 2 / 12

<b>VK</b>	9,54	%	
<b>Deviation, max</b>	20,15	%	
<b>Deviation, min</b>	-19,90	%	
<b>Left / Right (SINGLE)</b>	47,8	52,2	%
<b>Left / Right (DOUBLE)</b>	47,8 / 52,2	%	% of intended
<b>Application rate</b>	289,6	kg/ha	97
<b>Flow rate</b>	239,43	kg/min	2,0



Dist	-24	-16	-8	0	8	16	24	
%	89,1	99,0	93,6	120,2	99,4	98,3	114,6	0,0
Gram	25,8	28,7	27,1	34,8	28,8	28,5	33,2	0,0

Remarks: 0



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## BOGBALLE , M2W 3000

### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.39

Test number 20110404026

0 0 Spreading 2011 / 4 / 4 / 2 / 26

Normal

Normal

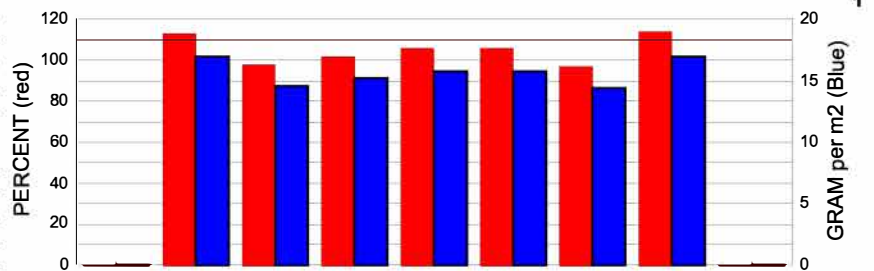
Spreader ID nr 899 / 10 (570kg)

Working width	36	m
Wanted rate	150	kg / ha
	72,00	kg / min
	Left	Right
Opening	0	0
Gear - dosage		
Disc type	E6	0
Vane type	0	
Vane pos	0	0
Drop point	0	

VK	7,05	%	
Deviation, max	18,40	%	
Deviation, min	-11,85	%	
Left / Right (SINGLE)	49,8	50,2	%
Left / Right (DOUBLE)	49,8 / 50,2	%	% of intended
Application rate	149,4	kg/ha	100
Flow rate	71,74	kg/min	2,0

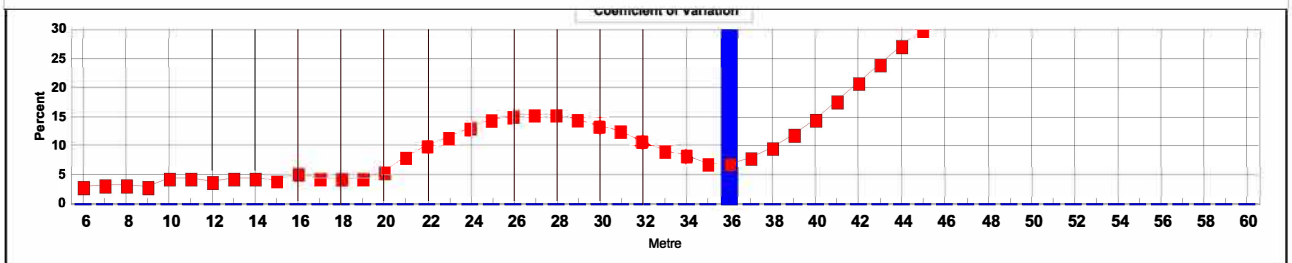
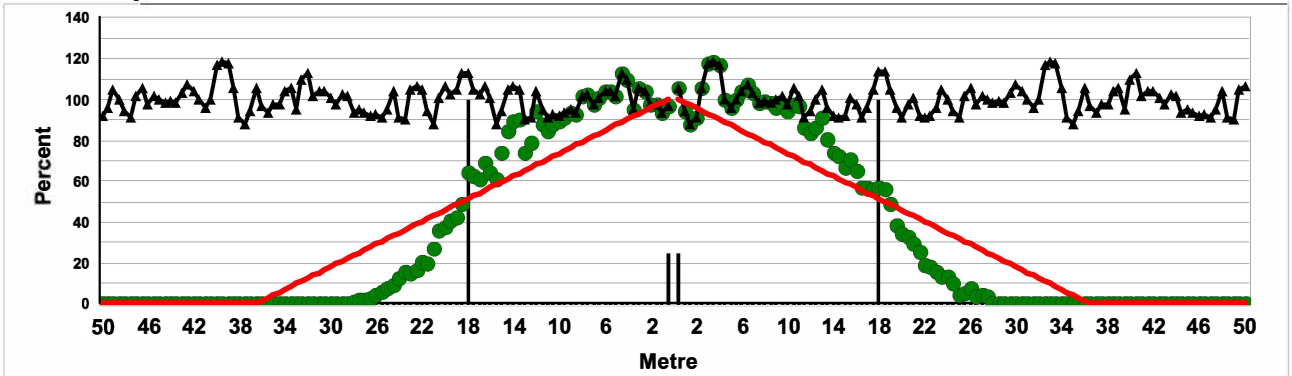
Pto speed	540	rpm
Disc gear	0	ratio
Disc speed	1000 / 0	rpm
Mount height	75	cm
Tilt	2	degree
Tilt,		cm
Trav. speed	8,00	km/h
Distance to dis	0	cm

Number of run 2,08



Dist	-18	-12	-6	0	6	12	18
%	113,2	97,8	102,0	105,5	105,5	96,8	113,9
Gram	16,9	14,6	15,2	15,8	15,8	14,5	17,0

Remarks: 0



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**BOGBALLE , M2W 3000**

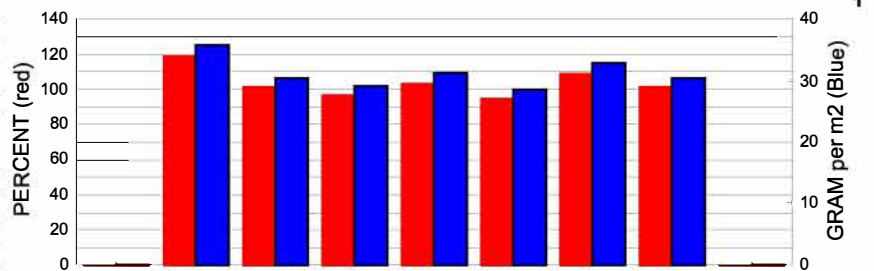
**YARA SULFAN NS 24 - 7 , Gran**

Date of calc. 4.5.2011 20.40

<b>Test number</b>	20110404030	
	Normal	
<b>Spreader ID n°</b>	899 / 10 (570kg)	
<b>Working width</b>	36	m
<b>Wanted rate</b>	300	kg / ha
	144,00	kg / min
	Left	Right
<b>Opening</b>	0	0
<b>Gear - dosage</b>		
<b>Disc type</b>	E6	0
<b>Vane type</b>	0	
<b>Vane pos</b>	0	0
<b>Drop point</b>	0	
<b>Pto speed</b>	540	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	540 / 0	rpm
<b>Mount height</b>	75	cm
<b>Tilt</b>	0	degree
<b>Tilt, cm</b>		
<b>Trav. speed</b>	8,00	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	1,89	

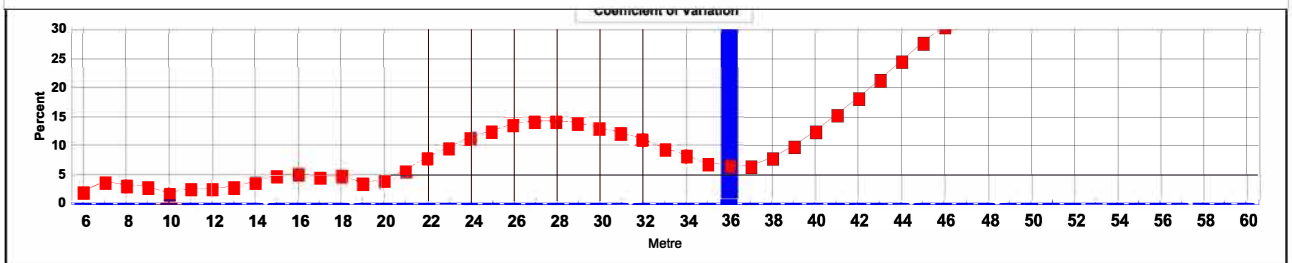
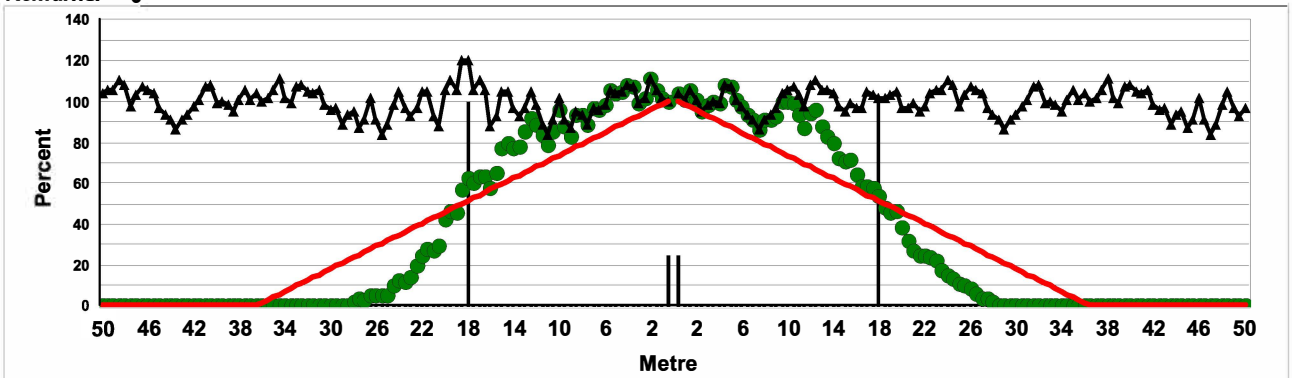
0 0 Spreading 2011 / 4 / 4 / 2 / 30  
 Normal

<b>VK</b>	6,84	%	
<b>Deviation, max</b>	19,93	%	
<b>Deviation, min</b>	-16,05	%	
<b>Left / Right (SINGLE)</b>	49,8	50,2	%
<b>Left / Right (DOUBLE)</b>	49,8 / 50,2	%	% of intended
<b>Application rate</b>	299,9	kg/ha	100
<b>Flow rate</b>	143,94	kg/min	2,0



Dist	-18	-12	-6	0	6	12	18	
%	119,9	101,6	97,4	104,1	95,8	109,4	101,9	0,0
Gram	36,0	30,5	29,2	31,2	28,7	32,8	30,6	0,0

Remarks: 0





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## BOGBALLE , M2W 3000

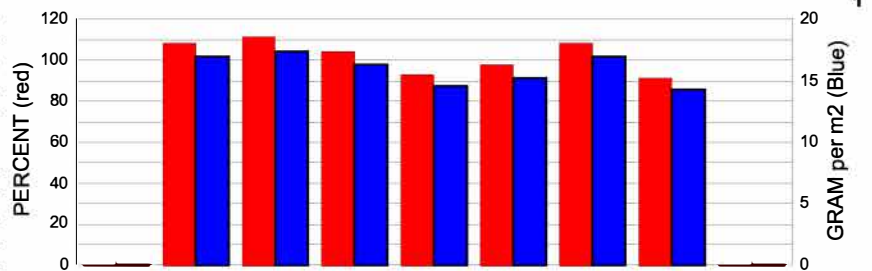
### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.40

<b>Test number</b>	20110405006	
	Normal	
<b>Spreader ID nr</b>	899 / 10 (570kg)	
<b>Working width</b>	48	m
<b>Wanted rate</b>	150	kg / ha
	96,00	kg / min
	Left	Right
<b>Opening</b>	0	0
<b>Gear - dosage</b>		
<b>Disc type</b>	E8	0
<b>Vane type</b>	0	
<b>Vane pos</b>	0	0
<b>Drop point</b>	0	
<b>Pto speed</b>	600	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	600 / 0	rpm
<b>Mount hight</b>	73	cm
<b>Tilt</b>	2	degree
<b>Tilt</b>		cm
<b>Trav. speed</b>	8,00	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	2,01	

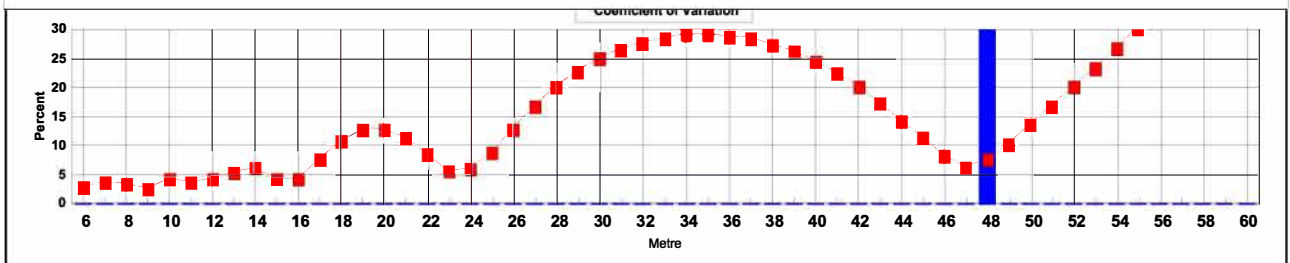
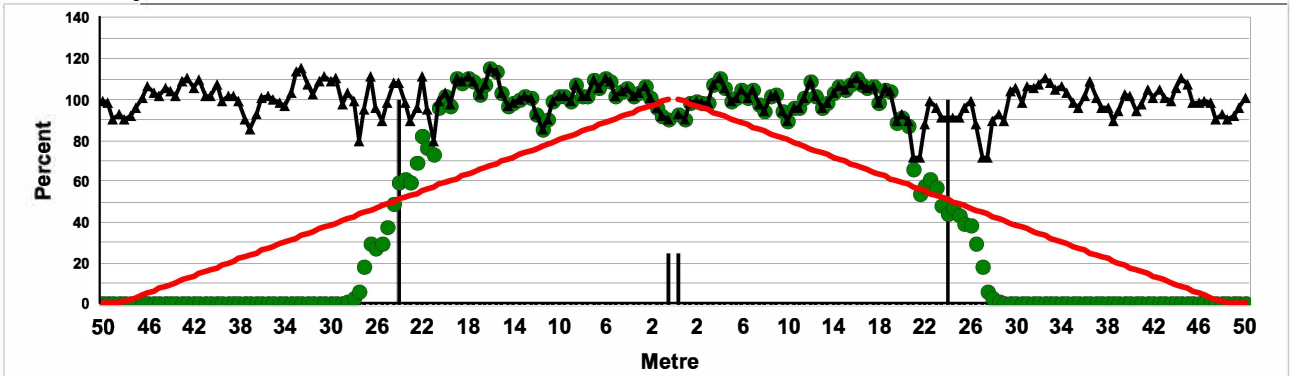
0 0 Spreading 2011 / 4 / 5 / 2 / 6  
 Normal

<b>VK</b>	7,94	%	
<b>Deviation, max</b>	15,28	%	
<b>Deviation, min</b>	-28,04	%	
<b>Left / Right (SINGLE)</b>	50,7	49,3	%
<b>Left / Right (DOUBLE)</b>	50,7	49,3	%
<b>Application rate</b>	156,4	kg/ha	% of intended 104
<b>Flow rate</b>	100,08	kg/min	2,0



Dist	-24	-16	-8	0	8	16	24	
%	108,3	111,1	104,4	93,0	97,8	108,6	91,1	0,0
Gram	16,9	17,4	16,3	14,5	15,3	17,0	14,2	0,0

Remarks: 0



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## BOGBALLE , M2W 3000

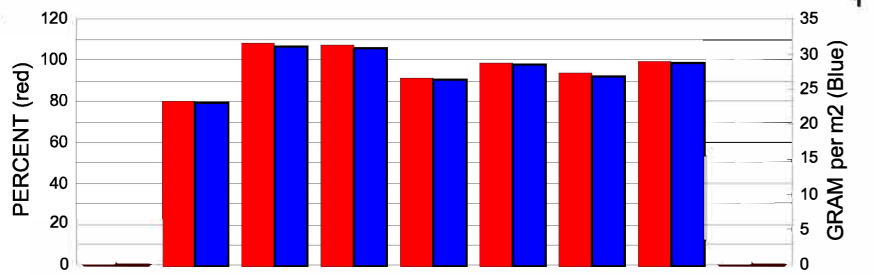
### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.41

<b>Test number</b>	20110405004	
	Normal	
<b>Spreader ID n°</b>	899 / 10 (570kg)	
<b>Working width</b>	48	m
<b>Wanted rate</b>	300	kg / ha
	192,00	kg / min
	Left	Right
<b>Opening</b>	0	0
<b>Gear - dosage</b>		
<b>Disc type</b>	E8	0
<b>Vane type</b>	0	
<b>Vane pos</b>	0	0
<b>Drop point</b>	0	
<b>Pto speed</b>	600	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	600 / 0	rpm
<b>Mount hight</b>	73	cm
<b>Tilt</b>	2	degree
<b>Tilt</b>		cm
<b>Trav. speed</b>	8,00	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	2,01	

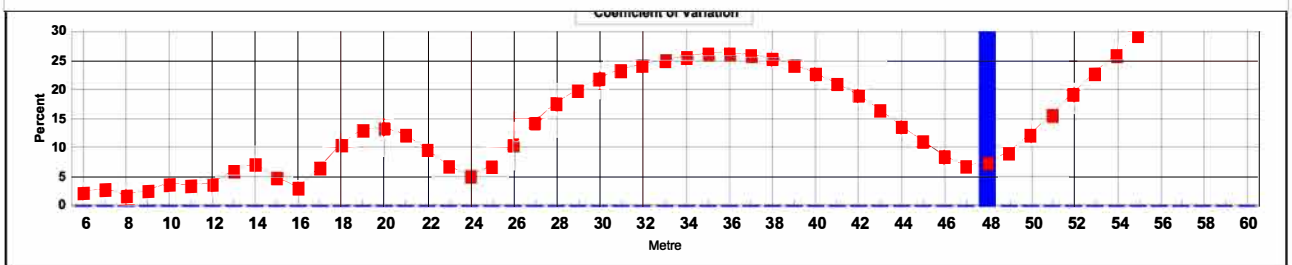
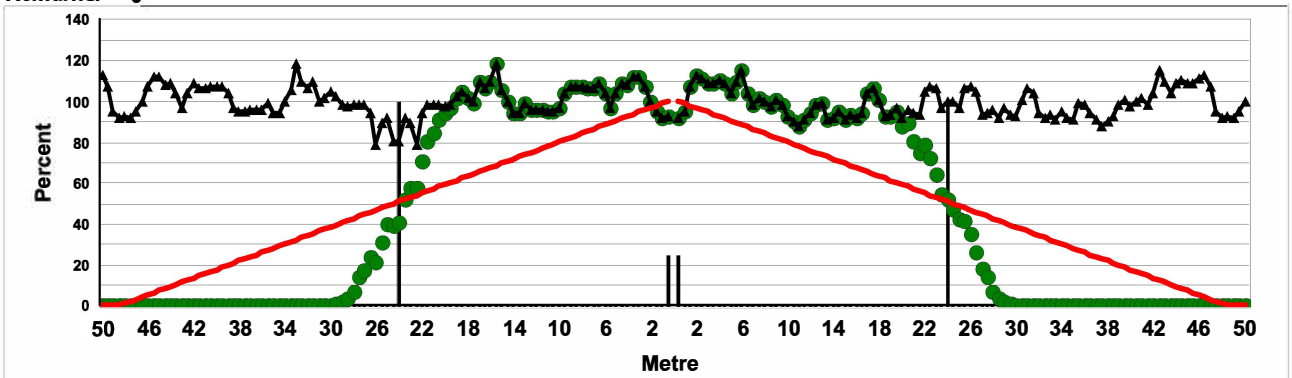
Normal 0 0 Spreading 2011 / 4 / 5 / 2 / 4

<b>VK</b>	7,44	%	
<b>Deviation, max</b>	18,47	%	
<b>Deviation, min</b>	-20,91	%	
<b>Left / Right (SINGLE)</b>	50,3	49,7	%
<b>Left / Right (DOUBLE)</b>	50,3 / 49,7	%	% of intended
<b>Application rate</b>	288,3	kg/ha	96
<b>Flow rate</b>	184,54	kg/min	2,0



Dist	-24	-16	-8	0	8	16	24	0,0
%	80,1	107,9	107,2	91,5	98,8	93,4	99,8	0,0
Gram	23,1	31,1	30,9	26,4	28,5	26,9	28,8	0,0

Remarks: 0



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**AMAZONE , ZA-M 3000 Ultra**

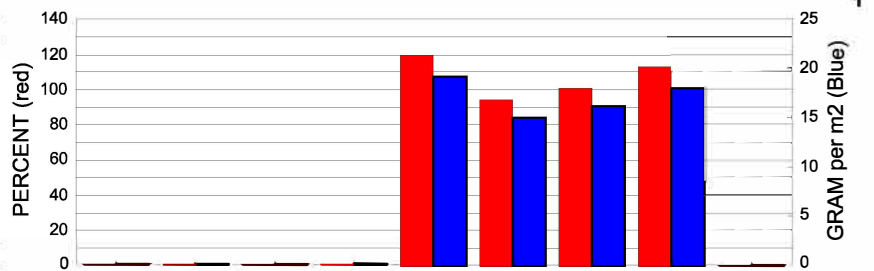
**YARA SULFAN NS 24 - 7 , Gran**

Date of calc. 4.5.2011 20.47

<b>Test number</b>	20110405034	
	Normal	
<b>Spreader ID n<sup>o</sup></b>	ZAM 0082715	
<b>Working width</b>	36	m
<b>Wanted rate</b>	150	kg / ha
	72,00	kg / min
	Left	Right
<b>Opening</b>	32	0
<b>Gear - dosage</b>		
<b>Disc type</b>	OM 24-48	0
<b>Vane type</b>	0	
<b>Vane pos</b>	20 - 45	0
<b>Drop point</b>	0	
<b>Pto speed</b>	540	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	0 / 0	rpm
<b>Mount hight</b>	80 - 80	cm
<b>Tilt</b>	0	degree
<b>Tilt</b>		cm
<b>Trav. speed</b>	8,00	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	1,89	

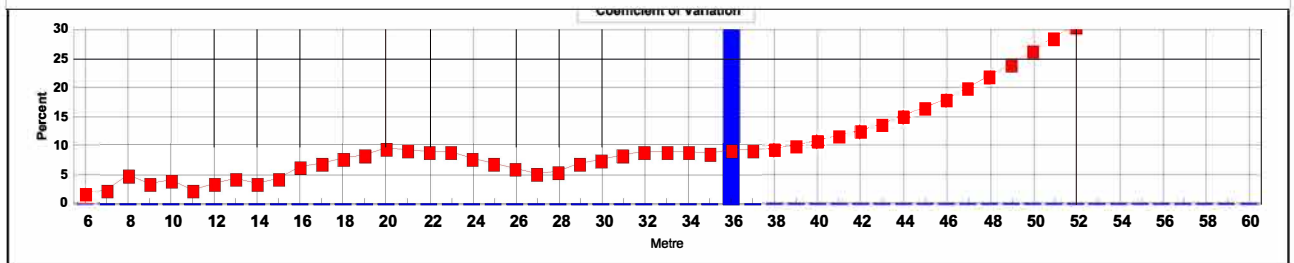
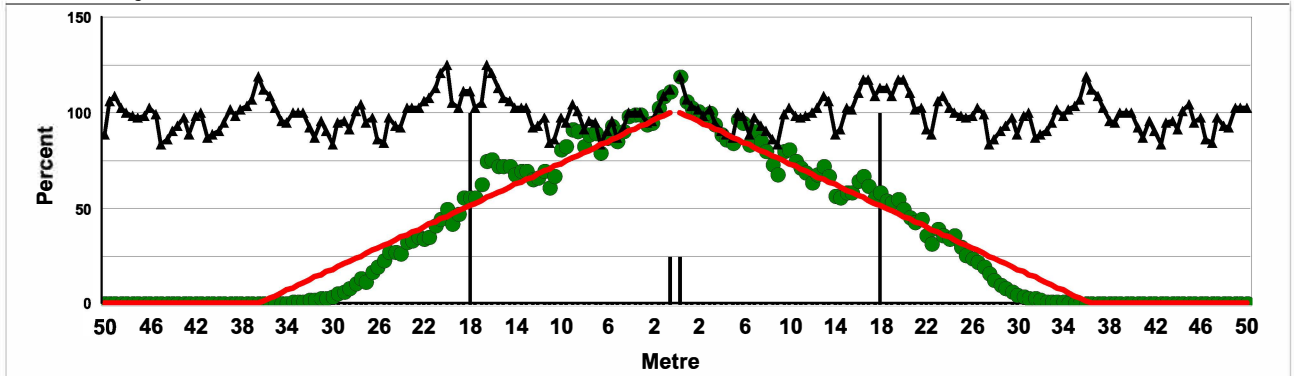
0 0 Spreading 2011 / 4 / 5 / 2 / 34

<b>VK</b>	9,21	%	
<b>Deviation, max</b>	25,66	%	
<b>Deviation, min</b>	-16,30	%	
<b>Left / Right (SINGLE)</b>	50,0	50,0	%
<b>Left / Right (DOUBLE)</b>	50,0 / 50,0	%	% of intended
<b>Application rate</b>	159,9	kg/ha	107
<b>Flow rate</b>	76,77	kg/min	2,0



Dist				0	6	12	18	
%	* 0,0	0,0	0,0	119,6	94,0	101,2	113,1	0,0
Gram	* 0,0	0,0	0,0	19,1	15,0	16,2	18,1	0,0

Remarks: 0





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## AMAZONE , ZA-M 3000 Ultra

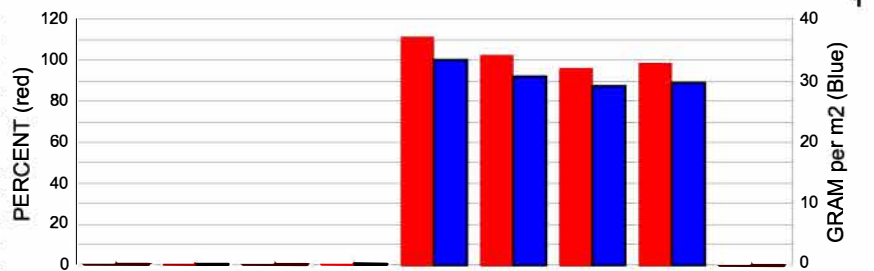
### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.47

<b>Test number</b>	20110405031	
	Normal	
<b>Spreader ID n<sup>o</sup></b>	ZAM 0082715	
<b>Working width</b>	36	m
<b>Wanted rate</b>	300	kg / ha
	144,00	kg / min
	Left	Right
<b>Opening</b>	41	0
<b>Gear - dosage</b>		
<b>Disc type</b>	OM 24-48	0
<b>Vane type</b>	0	
<b>Vane pos</b>	18 - 45	0
<b>Drop point</b>	0	
<b>Pto speed</b>	540	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	0 / 0	rpm
<b>Mount hight</b>	80 - 80	cm
<b>Tilt</b>	0	degree
<b>Tilt, cm</b>		
<b>Trav. speed</b>	8,00	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	1,89	

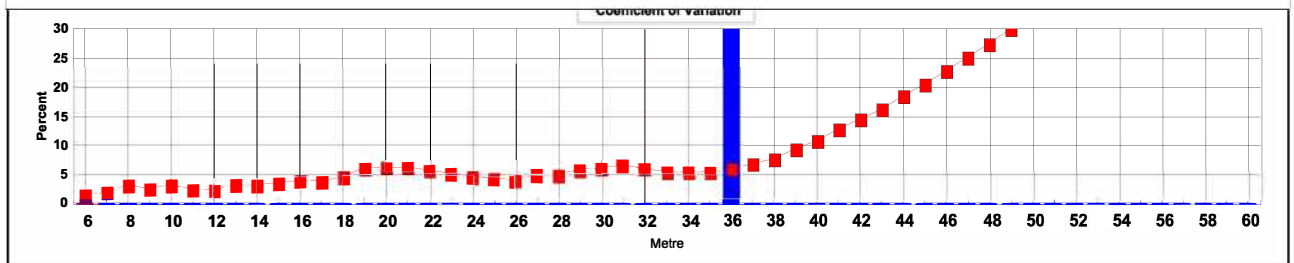
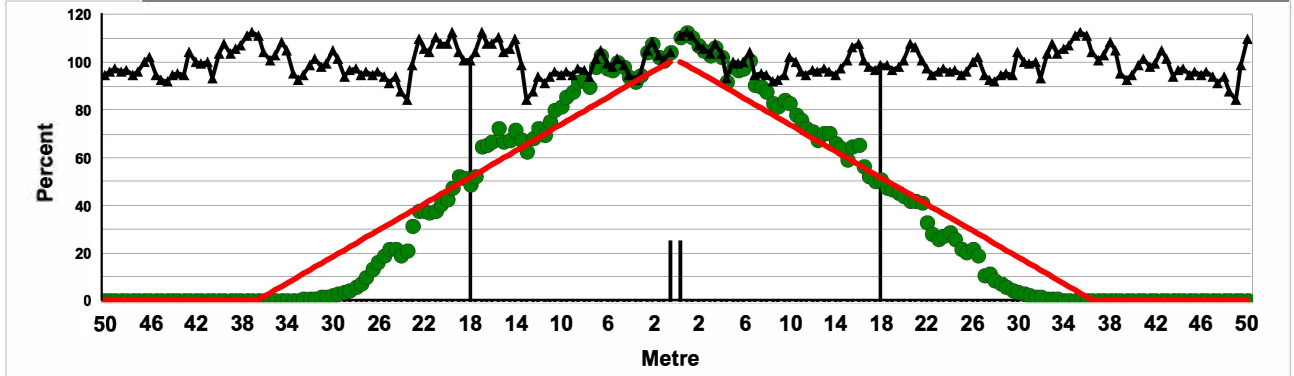
Normal 0 0 Spreading 2011 / 4 / 5 / 2 / 31

<b>VK</b>	6,08	%	
<b>Deviation, max</b>	12,97	%	
<b>Deviation, min</b>	-15,94	%	
<b>Left / Right (SINGLE)</b>	49,9	50,1	%
<b>Left / Right (DOUBLE)</b>	49,9 / 50,1	%	% of intended
<b>Application rate</b>	300,7	kg/ha	100
<b>Flow rate</b>	144,36	kg/min	2,0



Dist				0	6	12	18	
%	* 0,0	0,0	0,0	111,2	102,3	96,6	98,8	0,0
Gram	* 0,0	0,0	0,0	33,4	30,8	29,0	29,7	0,0

Remarks: 0



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## AMAZONE , ZA-M 3000 Ultra

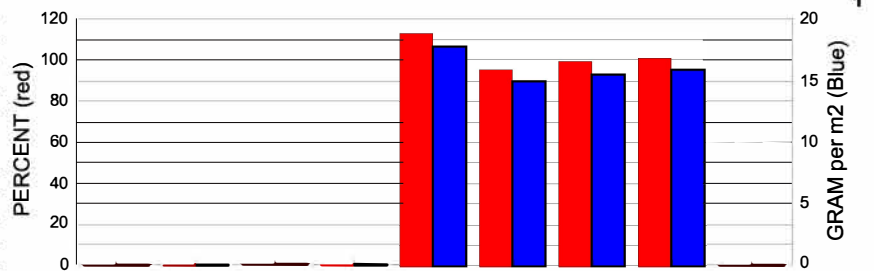
### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.48

<b>Test number</b>	20110405027	
	Normal	
<b>Spreader ID n<sup>o</sup></b>	ZAM 0082715	
<b>Working width</b>	48	m
<b>Wanted rate</b>	150	kg / ha
	96,00	kg / min
	Left	Right
<b>Opening</b>	35	0
<b>Gear - dosage</b>		
<b>Disc type</b>	OM 24-48	0
<b>Vane type</b>	0	
<b>Vane pos</b>	'22 - 50	0
<b>Drop point</b>	0	
<b>Pto speed</b>	540	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	0 / 0	rpm
<b>Mount hight</b>	'80 - 80	cm
<b>Tilt</b>	0	degree
<b>Tilt</b>		cm
<b>Trav. speed</b>	8,00	km/h
<b>Distance to di</b>	0	cm
<b>Number of run</b>	1,89	

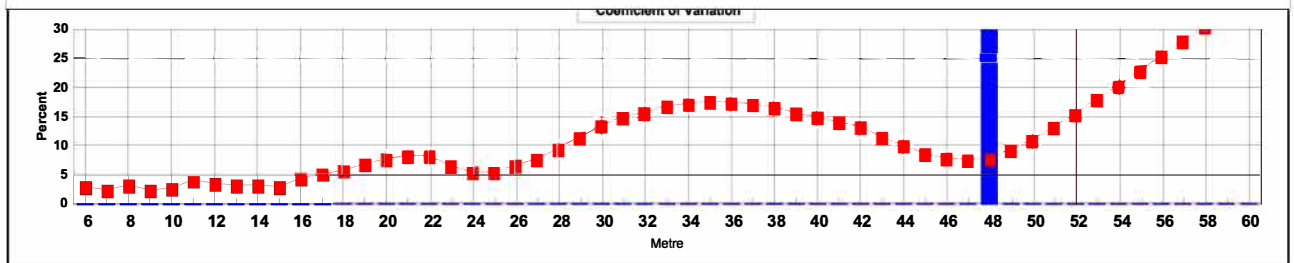
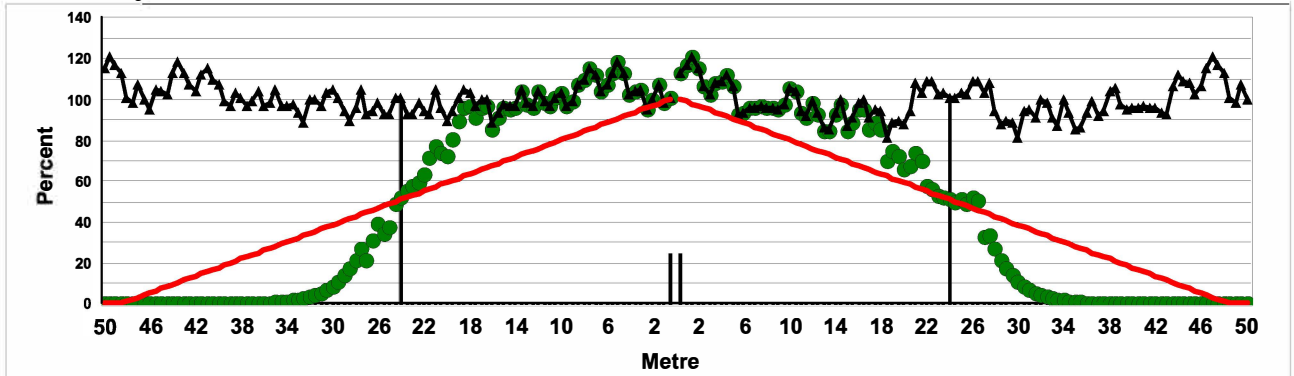
0 0 Spreading 2011 / 4 / 5 / 2 / 27

<b>VK</b>	7,86	%	
<b>Deviation, max</b>	20,64	%	
<b>Deviation, min</b>	-18,86	%	
<b>Left / Right (SINGLE)</b>	50,5	49,5	%
<b>Left / Right (DOUBLE)</b>	50,5 / 49,5	%	% of intended
<b>Application rate</b>	156,9	kg/ha	105
<b>Flow rate</b>	100,45	kg/min	2,0



Dist				0	8	16	24	
%	* 0,0	0,0	0,0	113,2	95,7	99,1	101,1	0,0
Gram	* 0,0	0,0	0,0	17,8	15,0	15,6	15,9	0,0

Remarks: 0



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## AMAZONE , ZA-M 3000 Ultra

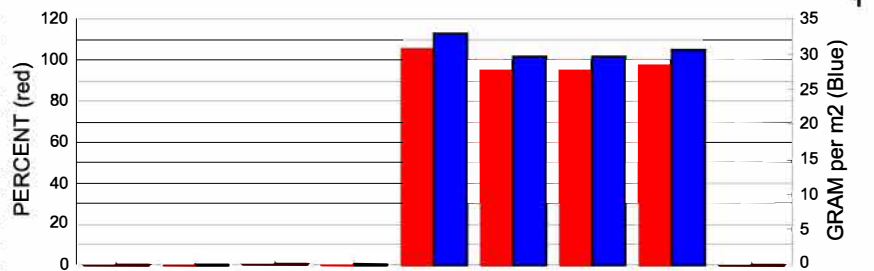
### YARA SULFAN NS 24 - 7 , Gran

Date of calc. 4.5.2011 20.48

<b>Test number</b>	20110405029	
	Normal	
<b>Spreader ID n<sup>o</sup></b>	ZAM 0082715	
<b>Working width</b>	48	m
<b>Wanted rate</b>	300	kg / ha
	192,00	kg / min
	Left	Right
<b>Opening</b>	46	0
<b>Gear - dosage</b>		
<b>Disc type</b>	OM 24-48	0
<b>Vane type</b>	0	
<b>Vane pos</b>	'22 - 50	0
<b>Drop point</b>	0	
<b>Pto speed</b>	540	rpm
<b>Disc gear</b>	0	ratio
<b>Disc speed</b>	0 / 0	rpm
<b>Mount hight</b>	'80 - 80	cm
<b>Tilt</b>	0	degree
<b>Tilt, cm</b>		
<b>Trav. speed</b>	8,00	km/h
<b>Distance to dis</b>	0	cm
<b>Number of run</b>	1,89	

0 0 Spreading 2011 / 4 / 5 / 2 / 29

<b>VK</b>	5,48	%	
<b>Deviation, max</b>	14,52	%	
<b>Deviation, min</b>	-10,96	%	
<b>Left / Right (SINGLE)</b>	50,6	49,4	%
<b>Left / Right (DOUBLE)</b>	50,6 / 49,4	%	% of intended
<b>Application rate</b>	311,3	kg/ha	104
<b>Flow rate</b>	199,22	kg/min	2,0



Dist				0	8	16	24	
%	0,0	0,0	0,0	105,7	95,8	95,7	98,2	0,0
Gram	0,0	0,0	0,0	32,9	29,8	29,8	30,6	0,0

Remarks: 0

