

# TESTING GPS CONTROLLED SALT SPREADING

## TEST RESULT: NIDO 06.09.2011

April 2012

## INTRODUCTION

This test result report is following specification in the general document "Testing GPS Controlled Spreading and Data Collection" from April 2012.

## TEST DETAILS

Company: Nido  
 Contact: Palle Mølbak Hansen, pah@svenningsens.com  
 Spreader: Nido Stratos 2 combi spreader with nozzles  
 Dry/liquid: Brine spread by nozzles  
 Date: Tuesday 6.th of September 2011  
 Test staff: Krister Persson, Krister.Persson@agrsci.dk & Bo Sommer, bs1@vd.dk

## TEST RESULT

Tuesday 06.09.2011: Nido						
Reference point	Description	First run: 30 km/h precision, m	Second run: 30 km/h precision, m	Third run: 50 km/h precision, m	Fourth run: 50 km/h precision, m	Min-Max  m
A	At start, 6 meter	2	-4	5	4	9
B	Start at right bus stop	0	-2	3	-5	8
C	Start at left bus stop	-2	-4	0	8	12
D	Bus stop finish	3	0	25	7	25
E	Salting stops	0	-2	20	-7	27
F	Start at O2, 4 meter	-6	-4	7	0	13
G	Salting stops after one full round in O2	0	0	0	0	0
H	Start on the way out of O2, 4 meter	-4	-4	-5	-5	1
I	Change from 4 to 8 meter	-7	-4	-1	-4	6
E	Salting stops	-10	-12	-4	-4	8
I	Start at 4 meter after long transport	-4	-9	0	4	13
F	Salting and test stops	10	-10	4	10	20

Figure: Test results from the video evaluation with colours for accuracy

Nido, 06.09.2011	Green	Yellow	Pink	Red	Total
Weight for each colour in the score	0	0,5	2	8	
Number of cells with each colour	41	8	9	2	60
Relative number of cells, %	68,3	13,3	15,0	3,3	100,0
Test result: Score	0,0	6,7	30,0	26,7	<b>63,3</b>

Figure: Calculation of the final test result

**Total score for GPS Controlled Spreading: 63.3**



## OTHER TEST NOTES

The test was made without any other problems.

