FAIRWAY – NOS 111.390-52

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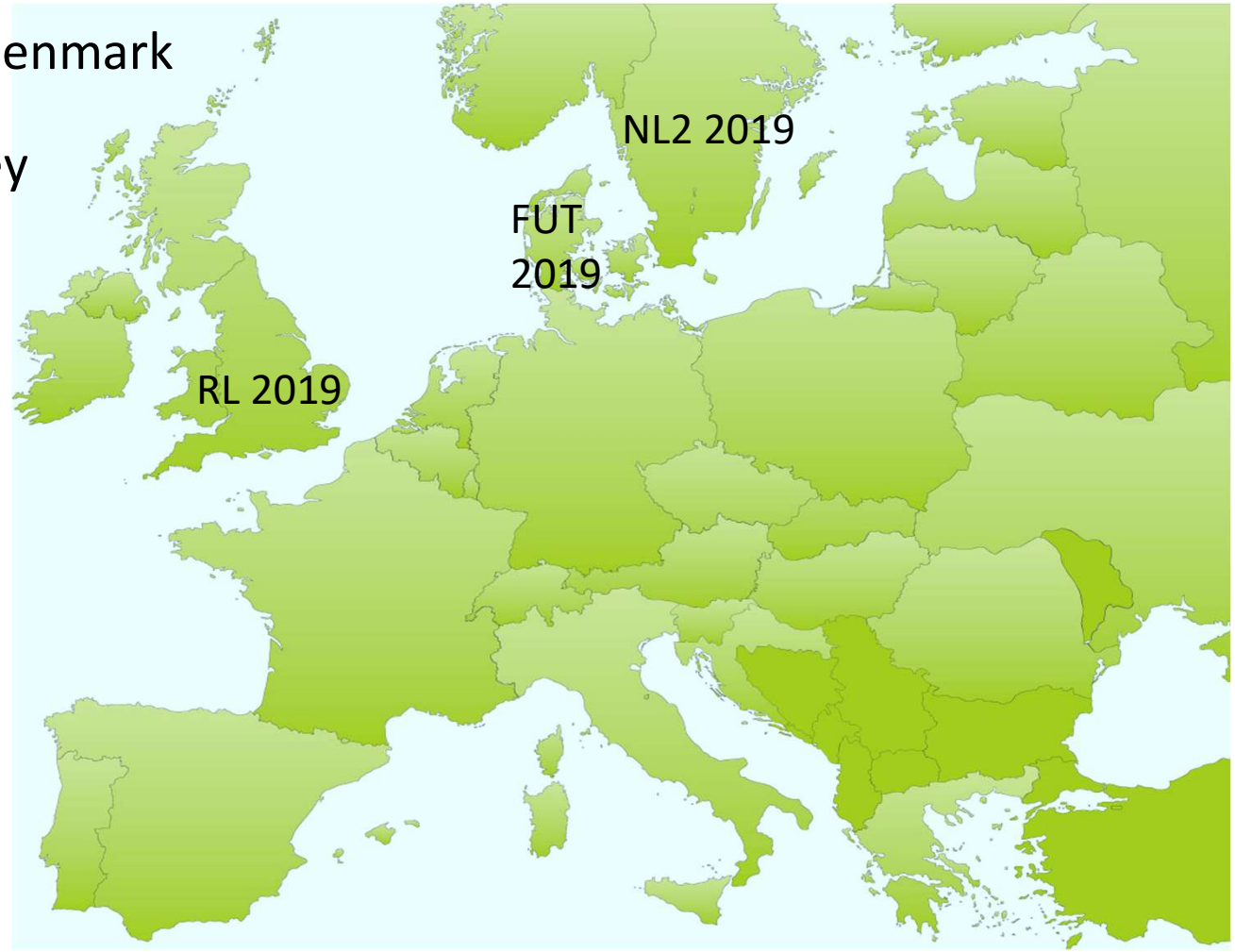
- Breeder: Nordic Seed A/S - Denmark
- Pedigree: KWS Irina * Odyssey
- Listed in:
  - Denmark 2018
  - UK 2018
- National list trials:
  - Sweden



FAIRWAY NL/FUT DK 2017-2018

Variety	Relative yield in the Danish National Trials						Kernel quality					
	Mean 2017+2018	Mean all years	Yield		Respons on fungicide (hkg/ha)		Grading > 2,5 mm (%)		Grading > 2,8 mm (%)		Hectolitre weight (kg/hl)	
	Gns.	Gns.	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017
Blanding	100	100	100	100	1,5	10,5	98	93	88	76	72,5	62,3
KWS Irina	99	100	98	99	0,9	10,9	99	94	92	77	71,4	62,7
RGT Planet	101	103	98	103	1,3	11,1	99	96	93	83	72,0	63,0
Fairway	**103**	**103**	**101**	**105**	**1,7**	**-**	**99**	**95**	**95**	**82**	**70,7**	**62,7**

Cultivating Value

Nordic Seed

FAIRWAY NL/FUT DK 2017-2018

Variety	Disease resistance										Earliness and straw characters												
	Milddew (%)		Barley rust (%)		Rhynchosporium (%)		Net blotch (%)		Ramularia (%)		Maturity (date)		Straw length (cm)		Lodging, FUT (kar. 0 - 10)		Lodging, OBS (kar. 0 - 10)		ear breaking (kar. 0 - 10)		straw breaking (kar. 0 - 10)		Nnematodes
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	
Blanding	0	0	4,7	17	-	0	0	0,6	-	14	22-7	05-aug	59	61	1	1,7	-	1	0	2,0	6	4,8	-
KWS Irina	0	0	10	18	0,1	0,1	0	0,1	14	14	21-7	06-aug	51	57	0	1,1	-	0	2	1,0	1	2,0	R
RGT Planet	0	0	7	16	1	1	8	1	16	16	22-7	05-aug	58	59	3	2,2	1	3	1	4,5	4	4,0	R
Fairway	**0**	**0**	**27**	**29**	**-**	**1,6**	**0**	**0,3**	**-**	**20**	**20-7**	**04-aug**	**54**	**60**	**-**	**-**	**-**	**2**	**2**	**2,0**	**1**	**5,0**	**R**

Cultivating Value

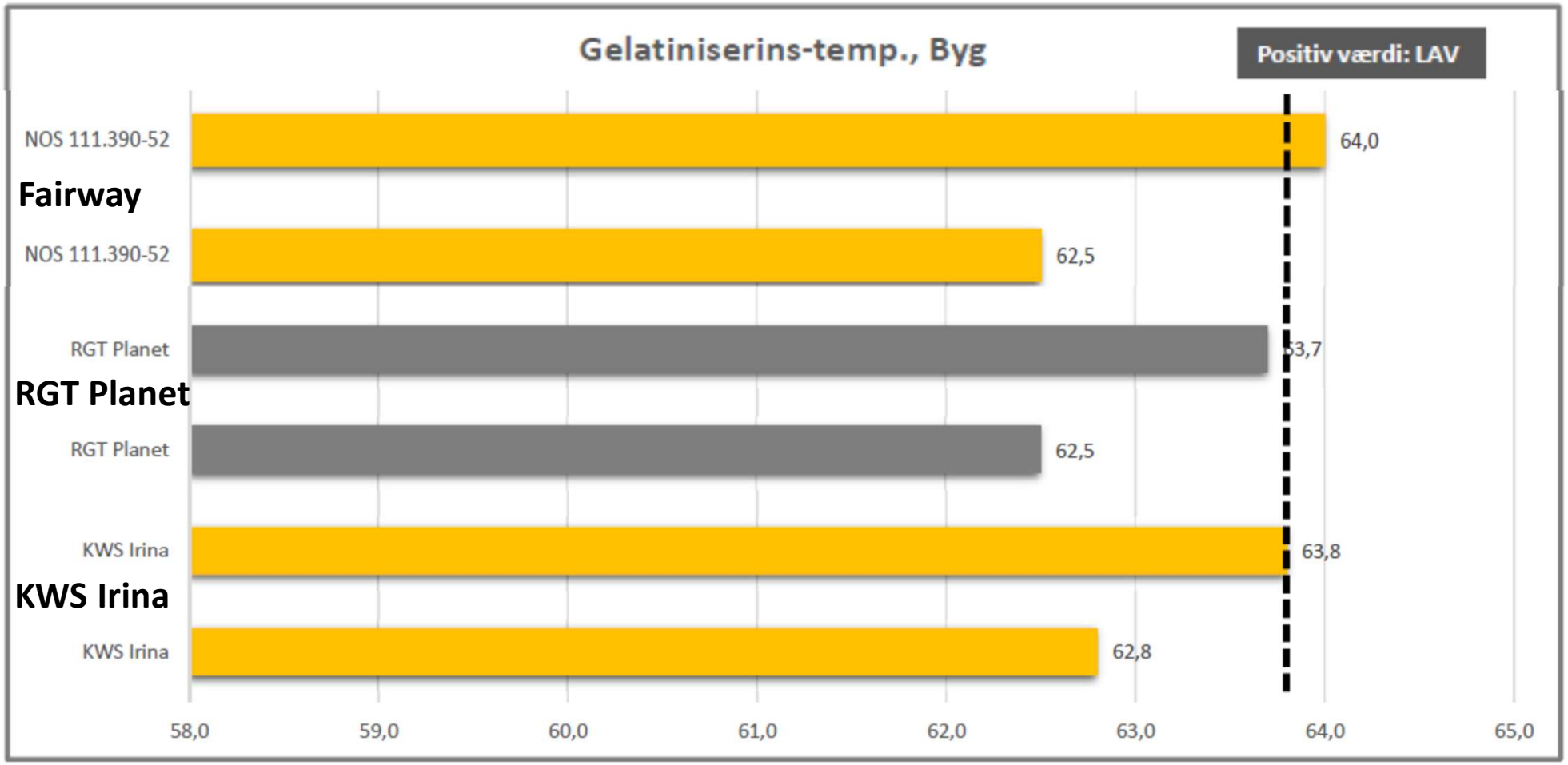
Nordic Seed

FAIRWAY - TYSTOFTE MALT TEST 2017-2018

Variety	Viskositet, mPa*s	β-glucan, mg/l	Ekstraktudbytte, % tørstof	Proteinindhold, % tørstof	Opløselig N, mg/100 g tørstof	Kolbach Index, %	Friabilitet, %	Attenuation, %	FAN, mg/100g tørstof	β-amylase, BU/g tørstof
	2017	**2017**	**2017**	**2017**	**2017**	**2017**	**2017**	**2017**	**2017**	**2017**
gns, Stress. Sorter*	1,55	384	82,4	10,3	783	47,8	82	82,9	132	960
Fairway	**1,64**	**653**	**82,3**	**9,9**	**724**	**45,3**	**69**	**82,7**	**120**	**921**
	2018	**2018**	**2018**	**2018**	**2018**	**2018**	**2018**	**2018**	**2018**	**2018**
KWS Irina	1,86	548	80,4	10,8	616	35,8	72,5	82,7	103	863
RGT Planet	1,77	383	81	11	668	38,3	75,5	83,3	106	787
Fairway	**1,84**	**615**	**80,4**	**11**	**631**	**36,1**	**71,5**	**82,5**	**101**	**838**

Danish Preferred

GELATENATION TEMP – STRESS TEST 2018

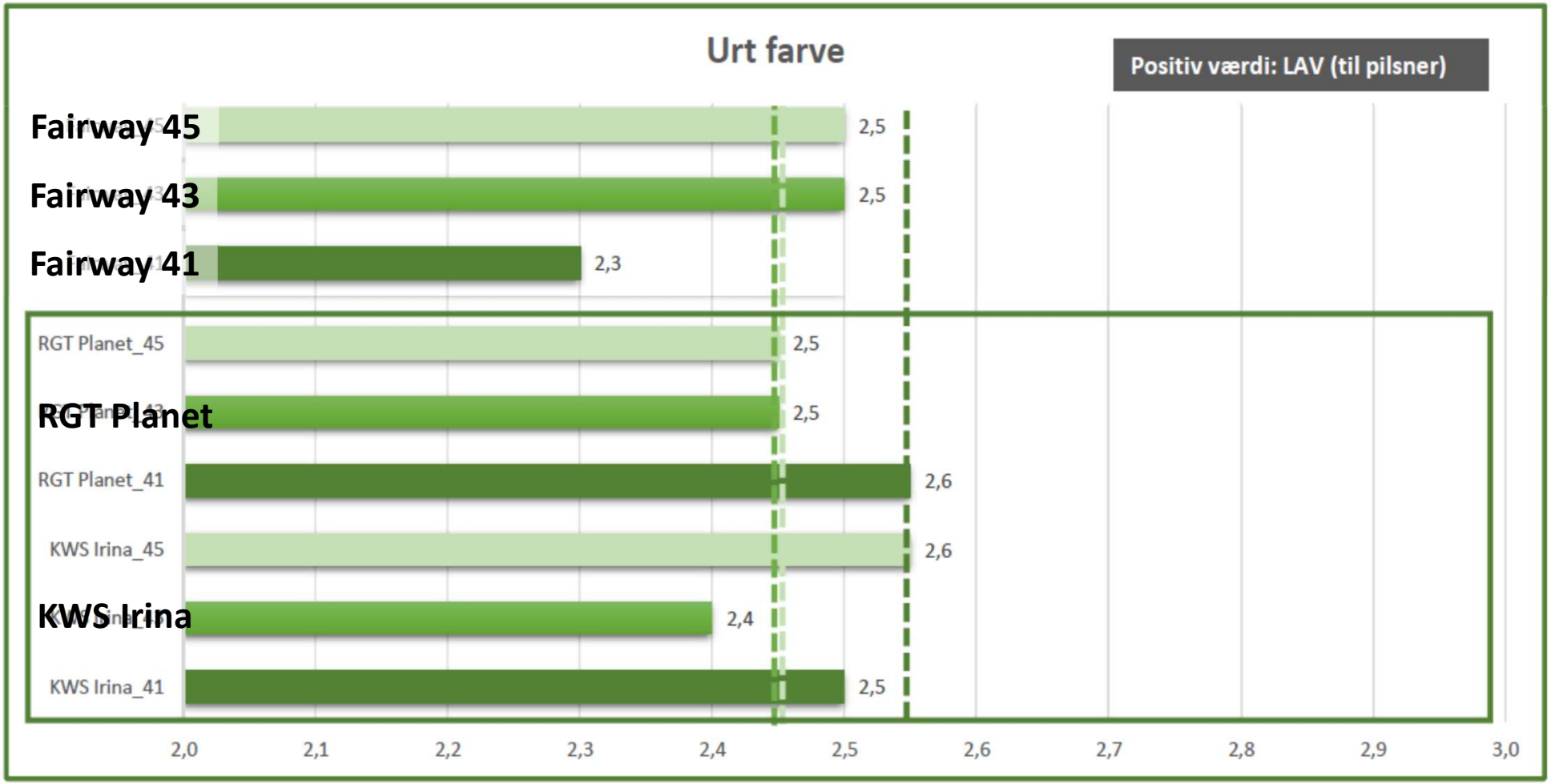


Cultivating Value

Nordic Seed

Danish Preferred

WORT COLOR – STRESS TEST 2018



Cultivating Value

Nordic Seed

Danish Preferred

FAIRWAY SUMMARY STRESS TEST 2018

- Extract as standards
- Cytolysis as KWS Irina
- Proteolysis is balanced
- Enzyme activity low – contrast to Tystofte
- Attenuation lower than standards
- Turbidity good
- Index as RGT Planet

	KWS Irina_45	KWS Irina_43	KWS Irina_41	RGT Planet_45	RGT Planet_43	RGT Planet_41	Fairway_45	Fairway_43	Fairway_41
Extract	4	4	4	4	4	4	4	4	4
Friability	4	4	5	3	4	5	4	5	5
Beta-Glucan	4	5	5	2	4	4	3	4	5
Viscosity	3	4	5	2	4	4	2	3	5
FAN, diff. *	3	5	8	-2	-3	1	3	6	8
Soluble N, diff.*	20	25	45	5	5	30	-10	5	10
Kolback, diff.*	1	1	2	-1	0	2	-2	-1	-1
Alpha-Amylase	5	5	4	1	1	3	3	4	4
Beta-Amylase	1	1	1	2	1	2	3	3	3
Limit Dextrinase	3	2	3	2	3	3	4	4	4
Attenuation	2	4	3	2	4	4	3	5	4
Turbidity	1	1	1	4	4	5	1	1	1
Index **	19	23	22	19	25	27	20	26	25
Index mean ***	41			45			46		
Before limit dex. data									
Index **	*19*	*23*	*22*	*19*	*25*	*27*	*20*	*25*	*24*
Index mean ***	*41*			*45*			*45*		

Index		
24	23 - 26	
28	27 - 30	
32	31 - 34	
36	35 - 38	
40	39 - 42	
44	43 - 46	
48	47 - 50	
52	51 - 54	

Cultivating Value