

Danish Preferred

KWS Spring Malting Barley

KWS PREMIS

KWS Cereals | February 2022

SEEDING
THE FUTURE
SINCE 1856





KWS PREMIS

- EU registration
- Approved on French variety list 2022. EU catalogue
- Tested 2 years in Danish VCU

- CBMO
 - Accepted for Technical Validation France

- Danish Preferred
 - Applied for Danish Preferred. Stress-test results mid-February 2022

- Applied and tested in several EU countries, including Baltics, Sweden and Finland

KWS PREMIS

Yield and Quality



	Landsforsøg Relative yield			Raw protein (%)		Grading >2,5 mm (%)		Grading >2,8 mm (%)		Hectolitre weight (kg/hl)	
	Mean 20-21 (n=20)	2021 (n=10)	2020 (n=10)	2021	2020	2021	2020	2021	2020	2021	2020
KWS PREMIS	104	102	105*	10,3	9,5	96	97	83	86	67,2	68,6
Laureate	104	104	103	10,4	10,1	98	97	91	89	66,8	68,4
RGT Planet	100	98	102	10,3	10,2	97	97	86	87	67,8	69,1
Mixture	100	100	100	10,5	10,2	96	96	80	79	67,9	69,0

*VCU (n=5)

KWS PREMIS

Diseases



	Fungicide respons (hkg/ha)			Nematode		Barley rust (%)		Rhynchosporium (%)		Net blotch (%)		Ramularia (%)	
	2021	2020		Race I	Race II	2021	2020	2021	2020	2021	2020	2021	2020
KWS PREMIS	8,5	-	mlo	R	R	7	2,8	1,4	2,4	0,18	0	9	28
Laureate	8,8	5,3	mlo	S	S	5	3,9	2,6	5	0,09	0	8	20
RGT Planet	9,8	7,2	mlo	R	R	12	8	2,2	7	18	26	13	26
Mixture	7,8	6,6	-	-	-	11	10	3,7	16	6	1	14	23

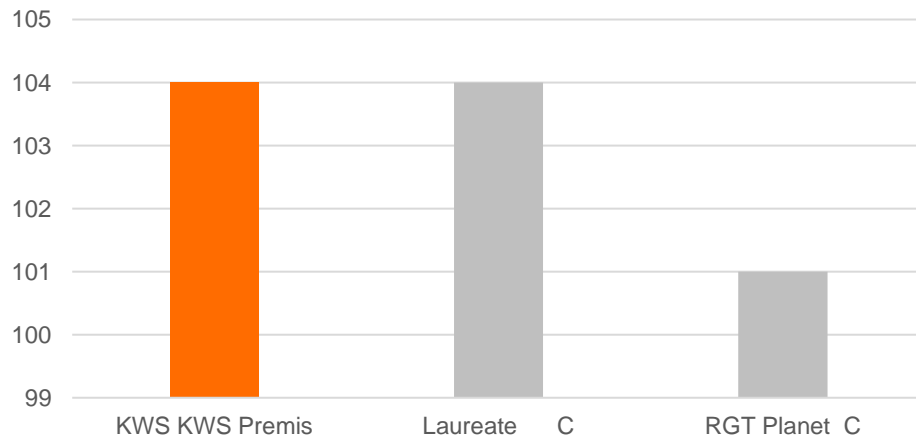
	Maturity (date)		Straw length (cm)		Lodging, FUT (0 - 10)		Lodging, OBS (0 - 10)		Ear breaking (0 - 10)		Straw breaking (0 - 10)	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
KWS PREMIS	25-Jul	25-Jul	63	69	1,1	1	0	0	1,3	1	3,8	2,3
Laureate	26-Jul	29-Jul	70	70	1	1	0	0	0,7	4,3	3,5	3,5
RGT Planet	26-Jul	28-Jul	70	76	1,1	0,9	0	0	0,3	3,7	2,8	4,5
Mixture	25-Jul	26-Jul	66	70	0,9	0,8	0,8	0,1	0,3	2,3	2	2,0

KWS PREMIS Sweden



SWEDEN Spring barley 2021	2021		2021										
	YIELD		85% DM	Ripening days	Lodging 0 = 100% lodging 0-100 *	Brackling 0 = <u>no</u> brackling 0-100 *	Height cm *	Specific weight g/l/index	Protein %	Starch %	Sieving >2,5 mm %	Brown- rust %	Net- blotch %
	untreated dt/ha	treated dt/ha											
KWS KWS Premis	63,0	65,7 104	101 99	88 98	31 157	59 101	676 101	12,1 97	60,6 101	98 101	3	7	
Laureate C	63,0	65,7 104	102 100	89 100	17 86	59 101	669 100	12,2 98	60,5 100	98 101	5	5	
RGT Planet C	59,6	64,4 101	102 100	82 91	32 164	63 106	677 101	12,3 98	60,5 100	98 100	14	14	

Sweden Yield relative
(treated)



KWS PREMIS



Performance

- ✓ Excellent yields – No.1 in treated trials and in untreated trials, 2-years CTPS France
- ✓ Good resistance against diseases and lodging
- ✓ Grain size and Malting Quality on the level of RGT Planet

