### ASCOT

#### CHARACTERS IN DETAIL

#### Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence very weak

equilateral

horizontal

medium medium

present medium white medium to long absent short-medium medium

absent very weak

semi-erect absent absent or very weak medium medium



### ASPEN

#### **CHARACTERS IN DETAIL** Panicle Type Branch Attitude semi-erect Spikelets Attitude Frequency of 3-grain spikelets Awns Abundance very weak Glumes medium Length Glaucosity medium **Primary Grain** Husk present Lemma - glaucosity - intensity absent or very weak Lemma - colour yellow Lemma - length short to medium Lemma - hairiness of back absent Basal hairs - length medium Rachilla - length medium Culm Upper culm node hairs - presence absent Upper culm node hairs - intensity n/a Plant growth characters Plant - growth habit erect to semi-erect

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence erect to semi-erect absent absent or very weak short to medium early to medium

NIAB

Crop: Oat

Breeder's Reference: NORD 18/221	AFP No:	
Breeder: NORDSAAT	Translated	from: German
Origin:	Date:	20 April 2023
Code: ASRI		
*Plant - growth habit:	intermed	iate
Lower leaves - hairiness of sheaths:	absent to	weak
*Leaf blade - hairiness of leaf margins below flag leaf:	absent to	very weak
*Time of panicle emergence:	medium	
*Plant - height (stem and panicle):	medium	to long
Frequency of plants with recurved flag leaves:	medium	
Flag leaf - glaucosity of sheath:	medium	to strong
*Culm - hairiness of uppermost node:	absent to	very weak
Culm - intensity of hairiness of uppermost node:		
Panicle - type:		
Panicle - branch attitude:	semi-erre	ect
Panicle - length:		
Spikelets - attitude:		
Spikelets - frequency 3- grained spikelets:		
Glumes - glaucosity:	medium	to strong
Glumes - fluorescence:		
Glumes - length:	short to r	nedium
*Primary grain - husk:	present	
Primary grain - tip acuteness:		
*Primary grain - lemma glaucosity:	weak	
Primary grain - tendency to be awned:	weak to a	
Primary grain - lemma length:	short to r	nedium
*Primary grain - lemma colour:	yellow	
Primary grain - lemma hairiness of back (not white or yello		
Primary grain - basal hairs abundance:	weak to a	
Primary grain - basal hairs length:	short to r	nedium
Primary grain - rachilla length:	medium	
Primary grain - rachilla width:		
Primary grain - rachilla grooves:		
Primary grain - rachilla hairs:		
Seasonal type:	Spring	
Extra characters:		

\* = Characteristics which should always be included in the description of the variety.

20 April 2023



### ATEGO

#### **CHARACTERS IN DETAIL**

Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence sub-unilateral semi-erect to horizontal

pendulous

medium

medium medium

present very weak yellow medium to long

short-medium medium

absent n/a

intermediate absent absent or very weak short to medium medium



### BULLION

### CHARACTERS IN DETAIL

### Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence

equilateral

semi-erect

#### absent or very weak

medium weak

absent (naked type) medium white medium absent short long

#### absent

semi-erect absent absent or very weak short to medium early



# [AFP 3/478]

#### **CHARACTERS IN DETAIL**

**Grain** Colour of lemma

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla yellow

semi-erect absent or very weak absent or very weak high early medium to strong long

absent or very weak

strong medium to long

semi-erect short to medium

medium to strong present not applicable absent or weak short to medium absent or low medium to long medium



### CANYON

CHARACTERS IN DETAIL	
Panicle	
Type Description of the second s	
Branch Attitude	drooping
Spikelets	
Attitude	
Frequency of 3-grain spikelets	
Awns	
Abundance	absent or very weak
Glumes	
Length	medium
Glaucosity	weak
Primary Grain	
Husk	present
Lemma - glaucosity - intensity	very weak
Lemma - colour	yellow
Lemma - length	medium
Lemma - hairiness of back	
Basal hairs - length	short
Rachilla - length	medium
Culm	
Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a
Plant growth characters	
Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	medium to long
Time of panicle emergence	medium

Time of panicle emergence



#### [AFP 3/525] CLYDE

semi-erect to intermediate

absent or very weak

high to very high

early to medium

medium to long

#### **CHARACTERS IN DETAIL**

Grain

Colour of lemma

white

weak

strong

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

absent or very weak

medium to strong

medium

horizontal

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla medium very weak

present not applicable absent or weak medium absent or low short to medium medium to long



### CONWAY

#### **CHARACTERS IN DETAIL**

Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence equilateral semi-erect

weak to medium

medium weak to medium

present absent or very weak white short to medium absent medium medium

absent n/a

semi-erect weak medium medium medium



Variety Name: <b>Delfin</b>	Crop :
Breeder's Reference: NORD 13/130	<b>AFP No:</b> 3/394
Breeder: NORDSAAT	Translated from: German
Origin:	<b>Date:</b> 23 March 2017
Code: DELF	
<ul> <li>*Plant - growth habit:</li> <li>Lower leaves - hairiness of sheaths:</li> <li>*Leaf blade - hairiness of leaf margins below flag leaf:</li> <li>*Time of panicle emergence:</li> <li>*Plant - height (stem and panicle):</li> <li>Frequency of plants with recurved flag leaves:</li> <li>Flag leaf - glaucosity of sheath:</li> <li>*Culm - hairiness of uppermost node:</li> <li>Culm - intensity of hairiness of uppermost node:</li> <li>Panicle - type:</li> <li>Panicle - branch attitude:</li> <li>Panicle - length:</li> <li>Spikelets - attitude:</li> <li>Spikelets - frequency 3- grained spikelets:</li> </ul>	Intermediate Absent or very weak Absent or very weak Medium Medium Semi erect to horizontal Medium
Glumes - glaucosity: Glumes - fluorescence: Glumes - length: *Primary grain - husk: Primary grain - tip acuteness: *Primary grain - lemma glaucosity: Primary grain - lemma glaucosity: Primary grain - lemma length: *Primary grain - lemma colour: Primary grain - lemma hairiness of back (not white or Primary grain - basal hairs abundance: Primary grain - basal hairs length: Primary grain - rachilla length: Primary grain - rachilla width: Primary grain - rachilla grooves: Primary grain - rachilla hairs: Seasonal type:	Present Absent or very weak Medium Yellow Weak Short to medium Short to medium
Extra characters:	

\* = Characteristics which should always be included in the description of the variety.

28 March 2017



## [AFP 3/528]

semi-erect to intermediate

absent or very weak

absent or very weak

medium to late

#### **CHARACTERS IN DETAIL**

Grain

Colour of lemma

white

low

strong

long

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

absent or very weak

Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

### Primary Grain

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla strong medium

semi-erect short to medium

weak present not applicable medium to strong medium to long absent or low short medium



## [AFP 3/529]

#### **CHARACTERS IN DETAIL**

Grain

Colour of lemma

white

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla semi-erect to intermediate absent or very weak absent or very weak very high late medium to strong short to medium

strong

medium medium to long

semi-erect medium

weak present not applicable absent or weak long absent or low medium medium to long



### ICENI

CHARACTERS IN DETAIL Panicle Type Branch Attitude	semi-erect to horizontal
Spikelets Attitude Frequency of 3-grain spikelets	
Awns Abundance	absent or very weak
<b>Glumes</b> Length Glaucosity	medium medium
Primary Grain Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - frequency Basal hairs - length Rachilla - length	absent (naked type) n/a n/a n/a n/a n/a n/a n/a
<b>Culm</b> Upper culm node hairs - presence Upper culm node hairs - intensity	absent n/a
Plant growth characters Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence	semi-erect to intermediate absent weak to medium medium early



### CHARACTERS IN DETAIL

Grain

Colour of lemma

white

### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

absent or very weak

medium to strong

medium to long

horizontal

long

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla medium present not applicable weak to medium short to medium absent or low medium medium



[AFP 3/508]

semi-erect to intermediate

absent or very weak

absent or very weak

high to very high

long to very long

medium

strong

[AFP 3/499]

### **KWS VIBRANT**

#### **CHARACTERS IN DETAIL**

#### Grain

Plant

Colour of lemma

white

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla semi-erect absent or very weak absent or very weak high to very high medium medium medium

absent or very weak

medium medium

semi-erect medium to long

absent or very weak present n/a absent or weak short to medium absent or low short to medium medium



### LENNON

CHARACTERS IN DETAIL	
Panicle	
Туре	equilateral
Branch Attitude	semi-erect to horizontal
Spikelets	
Attitude	pendulous
Frequency of 3-grain spikelets	
Awns	
Abundance	absent or very weak
Glumes	
Length	medium to long
Glaucosity	weak to medium
Primary Grain	
Husk	absent (naked type)
Lemma - glaucosity - intensity	n/a
Lemma - colour	n/a
Lemma - length	n/a
Lemma - hairiness of back	n/a
Basal hairs - length	n/a
Rachilla - length	n/a
Culm	
Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a
Plant growth characters	
Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	very weak to weak
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	medium



### Crop : Spring Oat

Breeder's Reference: NORD 15/137	AFP No:
Breeder: NORDSAAT	Translated from: German
Origin:	Date: 05 May 2020
Code: LIIN	
*Plant - growth habit: Lower leaves - hairiness of sheaths: *Leaf blade - hairiness of leaf margins below flag leaf: *Time of panicle emergence: *Plant - height (stem and panicle): Frequency of plants with recurved flag leaves: Flag leaf - glaucosity of sheath: *Culm - hairiness of uppermost node:	Intermediate Absent or very weak Absent or very weak Early to medium Medium to long High Absent
Culm - intensity of hairiness of uppermost node:	NA
Panicle - type:	
Panicle - branch attitude: Panicle - length: Spikelets - attitude:	Semi erect to horizontal Medium
Spikelets - frequency 3- grained spikelets: Glumes - glaucosity: Glumes - fluorescence:	Strong
Glumes - length: *Primary grain - husk:	Short to medium Present
Primary grain - tip acuteness: *Primary grain - lemma glaucosity: Primary grain - tendency to be awned: Primary grain - lemma length: *Primary grain - lemma colour:	Weak Very weak to weak Medium Yellow
Primary grain - lemma hairiness of back (not white or Primary grain - basal hairs abundance: Primary grain - basal hairs length:	Very short
Primary grain - basal hairs length: Primary grain - rachilla length: Primary grain - rachilla width: Primary grain - rachilla grooves: Primary grain - rachilla hairs:	Short
Seasonal type: Extra characters:	Spring

\* = Characteristics which should always be included in the description of the variety.

06 May 2020



### MERLIN

#### **CHARACTERS IN DETAIL** Panicle Type Branch Attitude semi-erect to horizontal Spikelets Attitude Frequency of 3-grain spikelets Awns Abundance weak Glumes Length medium Glaucosity medium to strong **Primary Grain** Husk present Lemma - glaucosity - intensity weak Lemma - colour yellow Lemma - length medium to long Lemma - hairiness of back n/a Basal hairs - frequency very weak to weak Basal hairs - length short-medium Rachilla - length medium Culm Upper culm node hairs - presence absent Upper culm node hairs - intensity n/a

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence semi-erect absent absent or very weak short to medium early to medium



### Variety Name: Nawigator

Crop : Spring Oat

Breeder's Reference: STH 10112	AFP No:	
Breeder: owdowla Roslin Strzelce	Translated f	rom:
Origin:	Date:	28 April 2020
Code: NAWI		
*Plant - growth habit:	Semi ere	ct
Lower leaves - hairiness of sheaths:	Absent o	r very weak
*Leaf blade - hairiness of leaf margins below flag leaf:	Absent o	r very weak
*Time of panicle emergence:	Medium	
*Plant - height (stem and panicle):		
Frequency of plants with recurved flag leaves:	Medium	
Flag leaf - glaucosity of sheath:		
*Culm - hairiness of uppermost node:	Absent	
Culm - intensity of hairiness of uppermost node:	NA	
Panicle - type:	Equilater	
Panicle - branch attitude:	Horizont	al
Panicle - length:	Medium	
Spikelets - attitude:	Pendulou	JS
Spikelets - frequency 3- grained spikelets:		
Glumes - glaucosity:	Medium	
Glumes - fluorescence:		
Glumes - length:	Medium	
*Primary grain - husk:	Present	
Primary grain - tip acuteness:		
*Primary grain - lemma glaucosity:		r very weak
Primary grain - tendency to be awned:		r very weak
Primary grain - lemma length:	Medium	
*Primary grain - lemma colour:	Yellow	
Primary grain - lemma hairiness of back (not white or	NA	
Primary grain - basal hairs abundance:	Strong	
Primary grain - basal hairs length:	Medium	
Primary grain - rachilla length:	Short	
Primary grain - rachilla width:		
Primary grain - rachilla grooves:		
Primary grain - rachilla hairs:		
Seasonal type:	Spring	
Extra characters:		

\* = Characteristics which should always be included in the description of the variety.

06 May 2020



#### [AFP 3/509] **NEPTUN**

#### **CHARACTERS IN DETAIL**

Grain

Colour of lemma

yellow

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

absent or very weak

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla horizontal medium to long

medium

medium

medium present not applicable absent or weak short to medium absent or low medium medium



semi-erect to intermediate absent or very weak absent or very weak high medium medium to strong long to very long [AFP 3/510] **NOVA** 

#### **CHARACTERS IN DETAIL**

#### Grain

Colour of lemma

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla white

semi-erect to intermediate absent or very weak absent or very weak very high medium medium to strong long to very long

medium to strong

weak medium

semi-erect medium to long

absent or very weak present n/a absent or weak n/a absent or low short to medium medium to long



### Crop : Spring oat

Breeder's Reference: SG-K 7202	AFP No:	
Breeder: SELGEN	Translated	from:
Origin:	Date:	30 August 2016
Code: OLVR		
*Plant - growth habit: Lower leaves - hairiness of sheaths: *Leaf blade - hairiness of leaf margins below flag leaf: *Time of panicle emergence:	Absent	rsect or very weak or very weak m to late
*Plant - height (stem and panicle):	Mediur	m
Frequency of plants with recurved flag leaves: Flag leaf - glaucosity of sheath:	Low to	medium
*Culm - hairiness of uppermost node: Culm - intensity of hairiness of uppermost node: Panicle - type:	Not ap	plicable
Panicle - branch attitude: Panicle - length: Spikelets - attitude:	Horizoi	ntal
Spikelets - frequency 3- grained spikelets: Glumes - glaucosity: Glumes - fluorescence:		
Glumes - length: *Primary grain - husk: Primary grain - tip acuteness:	Absent	
*Primary grain - lemma glaucosity: Primary grain - tendency to be awned:	-	plicable or very weak
Primary grain - lemma length: *Primary grain - lemma colour:	Not ap	plicable plicable
Primary grain - lemma hairiness of back (not white or Primary grain - basal hairs abundance: Primary grain - basal hairs length:	-	plicable plicable
Primary grain - rachilla length: Primary grain - rachilla width: Primary grain - rachilla grooves: Primary grain - rachilla hairs:	-	plicable
Seasonal type: Extra characters:	Spring	

\* = Characteristics which should always be included in the description of the variety.

28 March 2018



#### **CHARACTERS IN DETAIL** Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Length (stem and panicle)

#### Stem

Hairiness of uppermost node Intensity of hairs of uppermost node

#### Panicle

Attitude of branches Length

#### Glumes

Glaucosity Length

#### **Primary Grain**

Lemma glaucosity Husk Tendency to be awned Lemma length Lemma colour Hairiness of back of lemma Hairiness of base Length of basal hairs Length of rachilla

### [AFP 3/462] **OVATION**

intermediate medium to strong medium high early to medium medium to long

absent n/a

semi-erect to horizontal medium to long

weak to medium medium to long

n/a absent (naked type) absent or very weak n/a n/a n/a n/a n/a n/a



Variety Name: Patrik

### Crop: Spring Oat

Breeder's	SG-K 5568	AFP No:	
Breeder: SELGEN		Translated	l from:
Origin:		Date:	20 May 2020
Code: TRIK			
*Plant - growth habi	t:	Semi e	rect to intermediate
Lower leaves - hairin	ess of sheaths:	Absent	or very weak
*Leaf blade - hairine	ss of leaf margins below flag leaf:	Absent	or very weak
*Time of panicle em	ergence:	Mediu	m to late
*Plant - height (stem	and panicle):		
Frequency of plants	with recurved flag leaves:	Low to	medium
Flag leaf - glaucosity	of sheath:		
*Culm - hairiness of	uppermost node:	Absent	:
Culm - intensity of h	airiness of uppermost node:	NA	
Panicle - type:			
Panicle - branch attit	tude:	Semi e	rect to horizontal
Panicle - length:			
Spikelets - attitude:			
	/ 3- grained spikelets:		
Glumes - glaucosity:		Mediu	m
Glumes - fluorescent	ce:		
Glumes - length:		Short c	ot medium
*Primary grain - husl		Absent	
Primary grain - tip ac			
*Primary grain - lem		NA	
Primary grain - tende	•	Absent	or very weak
Primary grain - lemm	na length:	NA	
*Primary grain - lem		NA	
	na hairiness of back (not white or		
Primary grain - basal		NA	
Primary grain - basal	-	NA	
Primary grain - rachi	-	NA	
Primary grain - rachi			
Primary grain - rachi	-		
Primary grain - rachi	lla hairs:		
Seasonal type:			
Extra characters:		Spring	

\* = Characteristics which should always be included in the description of the variety.

04 May 2022



PIP

#### **CHARACTERS IN DETAIL**

#### Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - frequency Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence semi-erect to horizontal

absent or very weak

medium medium to strong

present absent or very weak yellow short to medium n/a very weak to weak short-medium medium to long

absent absent or very weak

semi-erect to intermediate very weak medium short to medium early



### [AFP 3/531] RGT HATTON

semi-erect to intermediate

absent or very weak

#### **CHARACTERS IN DETAIL**

Grain

Colour of lemma

white

weak

high

long

medium

### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

absent or very weak

weak to medium

short to medium

medium to long

horizontal

medium to strong

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla absent or very weak present not applicable absent or weak medium absent or low short medium



### **RGT IBANEZ**

#### **CHARACTERS IN DETAIL**

#### Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - frequency Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence

semi-erect

absent or very weak

medium weak to medium

present absent or very weak white medium n/a absent or very weak short-medium medium

absent n/a

semi-erect to intermediate weak to medium weak long early to medium



### **RGT VAUGHAN**

#### **CHARACTERS IN DETAIL**

#### Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - frequency Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence

semi-erect to horizontal

#### absent or very weak

medium very weak

present absent or very weak white short to medium n/a weak to medium medium medium to long

absent n/a

semi-erect weak weak to medium medium to long medium



Breeder: SELGEN Translated from: Czech	
Origin: Date: 26 March 2020	
Code: SANT	
*Plant - growth habit: Semi erect to intermediat	e
Lower leaves - hairiness of sheaths: Absent or very weak	
*Leaf blade - hairiness of leaf margins below flag leaf: Absent or very weak	
*Time of panicle emergence: Medium	
*Plant - height (stem and panicle): Short to medium	
Frequency of plants with recurved flag leaves: Low	
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node: Absent	
Culm - intensity of hairiness of uppermost node: NA	
Panicle - type:	
Panicle - branch attitude: Semi erect	
Panicle - length: Medium	
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity: Weak to medium	
Glumes - fluorescence:	
Glumes - length: Medium	
*Primary grain - husk: Absent	
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity: NA	
Primary grain - tendency to be awned: Absent or very weak	
Primary grain - lemma length: NA	
*Primary grain - lemma colour: NA	
Primary grain - lemma hairiness of back (not white or NA	
Primary grain - basal hairs abundance: NA	
Primary grain - basal hairs length: NA	
Primary grain - rachilla length:	
Primary grain - rachilla width:	
Primary grain - rachilla grooves:	
Primary grain - rachilla hairs:	
Seasonal type: Spring	
Extra characters:	

\* = Characteristics which should always be included in the description of the variety.

06 May 2020



### **SPURTLE**

Туре	
Branch Attitude	semi-erect
Spikelets	
Attitude	
Frequency of 3-grain spikelets	
Awns	
Abundance	absent or very weak
Glumes	
Length	medium
Glaucosity	medium
Primary Grain	
Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	short
Lemma - hairiness of back	n/a
Basal hairs - length	n/a
Rachilla - length	medium to long
Culm	
Upper culm node hairs - presence	present
Upper culm node hairs - intensity	weak to medium
Plant growth characters	
Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	short
Time of panicle emergence	medium



### TIMPANI

#### **CHARACTERS IN DETAIL**

#### Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - frequency Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence

erect to semi-erect

#### absent or very weak

medium absent or very weak

present absent or very weak white medium n/a absent or very weak short medium to long

present medium

semi-erect to intermediate weak to medium weak to medium long early to medium



## [AFP 3/522]

semi-erect to intermediate

absent or very weak

absent or very weak

high to very high

medium

medium

semi-erect

long

medium to long

strong

long

#### **CHARACTERS IN DETAIL**

**Grain** Colour of lemma

yellow

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

absent or very weak

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla absent or very weak present not applicable weak to medium medium to long absent or low short to medium medium



### **WPB ISABEL**

#### **CHARACTERS IN DETAIL** Panicle Type Branch Attitude erect to semi-erect Spikelets Attitude Frequency of 3-grain spikelets Awns Abundance absent or very weak Glumes medium Length Glaucosity very weak **Primary Grain** Husk present Lemma - glaucosity - intensity absent or very weak Lemma - colour white Lemma - length short to medium Lemma - hairiness of back n/a Basal hairs - frequency very weak to weak Basal hairs - length short Rachilla - length medium to long Culm Upper culm node hairs - presence absent Upper culm node hairs - intensity n/a Plant growth characters Plant - growth habit intermediate Lower leaves - hairiness of sheaths weak Leaf blade - hairiness of leaf margin below flag weak Plant - height (stem and panicle) long Time of panicle emergence medium



## [AFP 3/501]

#### **CHARACTERS IN DETAIL**

Grain

Colour of lemma

#### Plant

Growth habit Lower leaf sheath hairiness Hairiness of leaf margins below flag leaf Frequency of plants with recurved flag leaves Time of panicle emergence Glaucosity of flag leaf sheath Length (stem and panicle)

#### Stem

Hairiness of uppermost node

#### Glumes

Glaucosity Length

#### Panicle

Attitude of branches Length

#### **Primary Grain**

Lemma glaucosity Husk Hairiness of back of lemma Hairiness of base Length of basal hairs Frequency of awns Lemma length Length of rachilla white

semi-erect absent or very weak absent or very weak very high early to medium medium to strong long

absent or very weak

medium to strong medium

semi-erect medium to long

absent or very weak present n/a absent or weak short to medium absent or low medium medium



### ZENITH

#### **CHARACTERS IN DETAIL**

#### Panicle

Type Branch Attitude

#### Spikelets

Attitude Frequency of 3-grain spikelets

#### Awns

Abundance

#### Glumes

Length Glaucosity

#### **Primary Grain**

Husk Lemma - glaucosity - intensity Lemma - colour Lemma - length Lemma - hairiness of back Basal hairs - frequency Basal hairs - length Rachilla - length

#### Culm

Upper culm node hairs - presence Upper culm node hairs - intensity

#### Plant growth characters

Plant - growth habit Lower leaves - hairiness of sheaths Leaf blade - hairiness of leaf margin below flag Plant - height (stem and panicle) Time of panicle emergence semi-erect to horizontal

## absent or very weak

long medium to strong

present medium to strong yellow long to very long n/a very weak to weak medium medium to long

absent n/a

intermediate absent absent or very weak medium to long early to medium

