

ASCOT

CHARACTERS IN DETAIL

Panicle

| | |
|-----------------|-------------|
| Type | equilateral |
| Branch Attitude | horizontal |

Spikelets

| | |
|--------------------------------|--|
| Attitude | |
| Frequency of 3-grain spikelets | |

Awns

| | |
|-----------|-----------|
| Abundance | very weak |
|-----------|-----------|

Glumes

| | |
|------------|--------|
| Length | medium |
| Glaucosity | medium |

Primary Grain

| | |
|--------------------------------|----------------|
| Husk | present |
| Lemma - glaucosity - intensity | medium |
| Lemma - colour | white |
| Lemma - length | medium to long |
| Lemma - hairiness of back | absent |
| Basal hairs - length | short-medium |
| Rachilla - length | medium |

Culm

| | |
|-----------------------------------|-----------|
| Upper culm node hairs - presence | absent |
| Upper culm node hairs - intensity | very weak |

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 |
| Time of panicle emergence | medium |

ASPEN

CHARACTERS IN DETAIL

Panicle

Type
 Branch Attitude semi-erect

Spikelets

Attitude
 Frequency of 3-grain spikelets

Awns

Abundance very weak

Glumes

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

Variety Name: **Asterion**

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:**

intermediate

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:

semi-erect

Panicle - branch attitude:

Panicle - length:

Spikelets - attitude:

Spikelets - frequency 3- grained spikelets:

medium to strong

Glumes - glaucosity:

Glumes - fluorescence:

short to medium

Glumes - length:

present

***Primary grain - husk:**

Primary grain - tip acuteness:

weak

***Primary grain - lemma glaucosity:**

weak to medium

Primary grain - tendency to be awned:

short to medium

Primary grain - lemma length:

yellow

***Primary grain - lemma colour:**

Primary grain - lemma hairiness of back (not white or yellow):

weak to medium

Primary grain - basal hairs abundance:

short to medium

Primary grain - basal hairs length:

medium

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.

20 April 2023

Spring Oats

[AFP 3/524]

AVON

CHARACTERS IN DETAIL

Grain

Colour of lemma yellow

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves high
Time of panicle emergence medium
Glaucosity of flag leaf sheath medium to strong
Length (stem and panicle) long to very long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity medium to strong
Length medium

Panicle

Attitude of branches horizontal
Length medium to long

Primary Grain

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

ATEGO

CHARACTERS IN DETAIL

Panicle

| | |
|-----------------|--------------------------|
| Type | sub-unilateral |
| Branch Attitude | semi-erect to horizontal |

Spikelets

| | |
|--------------------------------|-----------|
| Attitude | pendulous |
| Frequency of 3-grain spikelets | |

Awns

| | |
|-----------|--------|
| Abundance | medium |
|-----------|--------|

Glumes

| | |
|------------|--------|
| Length | medium |
| Glaucosity | medium |

Primary Grain

| | |
|--------------------------------|----------------|
| Husk | present |
| Lemma - glaucosity - intensity | very weak |
| Lemma - colour | yellow |
| Lemma - length | medium to long |
| Lemma - hairiness of back | |
| 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 | intermediate |
| Lower leaves - hairiness of sheaths | absent |
| Leaf blade - hairiness of leaf margin below flag | absent or very weak |
| Plant - height (stem and panicle) | short to medium |
| Time of panicle emergence | medium |

BULLION

CHARACTERS IN DETAIL

Panicle

| | |
|-----------------|-------------|
| Type | equilateral |
| Branch Attitude | semi-erect |

Spikelets

| | |
|--------------------------------|--|
| Attitude | |
| Frequency of 3-grain spikelets | |

Awns

| | |
|-----------|---------------------|
| Abundance | absent or very weak |
|-----------|---------------------|

Glumes

| | |
|------------|--------|
| Length | medium |
| Glaucosity | weak |

Primary Grain

| | |
|--------------------------------|---------------------|
| Husk | absent (naked type) |
| Lemma - glaucosity - intensity | medium |
| Lemma - colour | white |
| Lemma - length | medium |
| Lemma - hairiness of back | absent |
| Basal hairs - length | short |
| Rachilla - length | long |

Culm

| | |
|-----------------------------------|--------|
| Upper culm node hairs - presence | absent |
| Upper culm node hairs - intensity | |

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 to medium |
| Time of panicle emergence | early |

CALEDON**CHARACTERS IN DETAIL****Grain**

Colour of lemma yellow

Plant

Growth habit semi-erect
 Lower leaf sheath hairiness absent or very weak
 Hairiness of leaf margins below flag leaf absent or very weak
 Frequency of plants with recurved flag leaves high
 Time of panicle emergence early
 Glaucosity of flag leaf sheath medium to strong
 Length (stem and panicle) long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity strong
 Length medium to long

Panicle

Attitude of branches semi-erect
 Length short to medium

Primary Grain

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

CANYON

CHARACTERS IN DETAIL

Panicle

Type
 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

Spring Oats

[AFP 3/525]

CLYDE

CHARACTERS IN DETAIL

Grain

Colour of lemma white

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf weak
Frequency of plants with recurved flag leaves high to very high
Time of panicle emergence early to medium
Glaucosity of flag leaf sheath strong
Length (stem and panicle) medium to long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity medium to strong
Length medium

Panicle

Attitude of branches horizontal
Length medium

Primary Grain

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

CONWAY

CHARACTERS IN DETAIL

Panicle

| | |
|-----------------|-------------|
| Type | equilateral |
| Branch Attitude | semi-erect |

Spikelets

| | |
|--------------------------------|--|
| Attitude | |
| Frequency of 3-grain spikelets | |

Awns

| | |
|-----------|----------------|
| Abundance | weak to medium |
|-----------|----------------|

Glumes

| | |
|------------|----------------|
| Length | medium |
| Glaucosity | weak to medium |

Primary Grain

| | |
|--------------------------------|---------------------|
| Husk | present |
| Lemma - glaucosity - intensity | absent or very weak |
| Lemma - colour | white |
| 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 | semi-erect |
| Lower leaves - hairiness of sheaths | weak |
| Leaf blade - hairiness of leaf margin below flag | medium |
| Plant - height (stem and panicle) | medium |
| Time of panicle emergence | medium |

Variety Name: **Delfin**

Crop :

Breeder's Reference: NORD 13/130

AFP No: 3/394

Breeder: NORDSAAT

Translated from: German

Origin:

Date: 23 March 2017

Code: DELF

| | |
|--|--------------------------|
| *Plant - growth habit: | Intermediate |
| 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): | |
| Frequency of plants with recurved flag leaves: | Medium |
| Flag leaf - glaucosity of sheath: | |
| *Culm - hairiness of uppermost node: | |
| Culm - intensity of hairiness of uppermost node: | |
| Panicle - type: | |
| Panicle - branch attitude: | Semi erect to horizontal |
| Panicle - length: | Medium |
| Spikelets - attitude: | |
| Spikelets - frequency 3- grained spikelets: | |
| Glumes - glaucosity: | |
| Glumes - fluorescence: | |
| Glumes - length: | |
| *Primary grain - husk: | Present |
| Primary grain - tip acuteness: | |
| *Primary grain - lemma glaucosity: | |
| Primary grain - tendency to be awned: | Absent or very weak |
| Primary grain - lemma length: | Medium |
| *Primary grain - lemma colour: | Yellow |
| Primary grain - lemma hairiness of back (not white or | |
| Primary grain - basal hairs abundance: | Weak |
| Primary grain - basal hairs length: | Short to medium |
| Primary grain - rachilla length: | Short to 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.

28 March 2017

Spring Oats

[AFP 3/528]

EVERLEAF003

CHARACTERS IN DETAIL

Grain

Colour of lemma white

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves low
Time of panicle emergence medium to late
Glaucosity of flag leaf sheath strong
Length (stem and panicle) long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity strong
Length medium

Panicle

Attitude of branches semi-erect
Length short to medium

Primary Grain

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

Spring Oats

[AFP 3/529]

EVERLEAF004

CHARACTERS IN DETAIL

Grain

Colour of lemma white

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves very high
Time of panicle emergence late
Glaucosity of flag leaf sheath medium to strong
Length (stem and panicle) short to medium

Stem

Hairiness of uppermost node strong

Glumes

Glaucosity medium
Length medium to long

Panicle

Attitude of branches semi-erect
Length medium

Primary Grain

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

Glumes

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

Culm

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 semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves high to very high
Time of panicle emergence medium
Glaucosity of flag leaf sheath strong
Length (stem and panicle) long to very long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity medium to strong
Length medium to long

Panicle

Attitude of branches horizontal
Length long

Primary Grain

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

KWS VIBRANT**CHARACTERS IN DETAIL****Grain**

| | |
|-----------------|-------|
| Colour of lemma | white |
|-----------------|-------|

Plant

| | |
|---|---------------------|
| Growth habit | semi-erect |
| Lower leaf sheath hairiness | absent or very weak |
| Hairiness of leaf margins below flag leaf | absent or very weak |
| Frequency of plants with recurved flag leaves | high to very high |
| Time of panicle emergence | medium |
| Glaucosity of flag leaf sheath | medium |
| Length (stem and panicle) | medium |

Stem

| | |
|-----------------------------|---------------------|
| Hairiness of uppermost node | absent or very weak |
|-----------------------------|---------------------|

Glumes

| | |
|------------|--------|
| Glaucosity | medium |
| Length | medium |

Panicle

| | |
|----------------------|----------------|
| Attitude of branches | semi-erect |
| Length | medium to long |

Primary Grain

| | |
|----------------------------|---------------------|
| Lemma glaucosity | absent or very weak |
| Husk | present |
| Hairiness of back of lemma | n/a |
| Hairiness of base | absent or weak |
| Length of basal hairs | short to medium |
| Frequency of awns | absent or low |
| Lemma length | short to medium |
| Length of rachilla | medium |

LENNON

CHARACTERS IN DETAIL

Panicle

| | |
|-----------------|--------------------------|
| Type | 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 |

Variety Name: **Lion**

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: | Intermediate |
| 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: | Early to medium |
| *Plant - height (stem and panicle): | Medium to long |
| Frequency of plants with recurved flag leaves: | High |
| 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 to horizontal |
| Panicle - length: | Medium |
| Spikelets - attitude: | |
| Spikelets - frequency 3- grained spikelets: | |
| Glumes - glaucosity: | Strong |
| Glumes - fluorescence: | |
| Glumes - length: | Short to medium |
| *Primary grain - husk: | Present |
| Primary grain - tip acuteness: | |
| *Primary grain - lemma glaucosity: | Weak |
| Primary grain - tendency to be awned: | Very weak to weak |
| Primary grain - lemma length: | Medium |
| *Primary grain - lemma colour: | Yellow |
| Primary grain - lemma hairiness of back (not white or | |
| Primary grain - basal hairs abundance: | |
| Primary grain - basal hairs length: | Very short |
| 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

MERLIN

CHARACTERS IN DETAIL

Panicle

Type

Branch Attitude

semi-erect to horizontal

Spikelets

Attitude

Frequency of 3-grain spikelets

Awns

Abundance

weak

Glumes

Length

Glaucoisity

medium

medium to strong

Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

weak

yellow

medium to long

n/a

very weak to weak

short-medium

medium

Culm

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

absent

absent or very weak

short to medium

early to medium

Variety Name: **Navigator**

Crop : **Spring Oat**

Breeder's Reference: STH 10112

AFP No:

Breeder: owdowla Roslin Strzelce

Translated from:

Origin:

Date: 28 April 2020

Code: NAWI

| | |
|--|---------------------|
| *Plant - growth habit: | Semi erect |
| 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): | |
| 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: | Equilateral |
| Panicle - branch attitude: | Horizontal |
| Panicle - length: | Medium |
| Spikelets - attitude: | Pendulous |
| 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: | Absent or very weak |
| Primary grain - tendency to be awned: | Absent or 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

Spring Oats

[AFP 3/509]

NEPTUN

CHARACTERS IN DETAIL

Grain

Colour of lemma yellow

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves high
Time of panicle emergence medium
Glaucosity of flag leaf sheath medium to strong
Length (stem and panicle) long to very long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity medium
Length medium

Panicle

Attitude of branches horizontal
Length medium to long

Primary Grain

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

NOVA

CHARACTERS IN DETAIL

Grain

Colour of lemma white

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves very high
Time of panicle emergence medium
Glaucosity of flag leaf sheath medium to strong
Length (stem and panicle) long to very long

Stem

Hairiness of uppermost node medium to strong

Glumes

Glaucosity weak
Length medium

Panicle

Attitude of branches semi-erect
Length medium to long

Primary Grain

Lemma glaucosity absent or very weak
Husk present
Hairiness of back of lemma n/a
Hairiness of base absent or weak
Length of basal hairs n/a
Frequency of awns absent or low
Lemma length short to medium
Length of rachilla medium to long

Variety Name: **Oliver**

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:**

Semi erect

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 to late

***Plant - height (stem and panicle):**

Medium

Frequency of plants with recurved flag leaves:

Low to medium

Flag leaf - glaucosity of sheath:

***Culm - hairiness of uppermost node:**

Not applicable

Culm - intensity of hairiness of uppermost node:

Panicle - type:

Horizontal

Panicle - branch attitude:

Panicle - length:

Spikelets - attitude:

Spikelets - frequency 3- grained spikelets:

Glumes - glaucosity:

Glumes - fluorescence:

Glumes - length:

***Primary grain - husk:**

Absent

Primary grain - tip acuteness:

***Primary grain - lemma glaucosity:**

Not applicable

Primary grain - tendency to be awned:

Absent or very weak

Primary grain - lemma length:

Not applicable

***Primary grain - lemma colour:**

Not applicable

Primary grain - lemma hairiness of back (not white or

Primary grain - basal hairs abundance:

Not applicable

Primary grain - basal hairs length:

Not applicable

Primary grain - rachilla length:

Not applicable

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.

28 March 2018

OVATION

CHARACTERS IN DETAIL

Plant

| | |
|---|------------------|
| Growth habit | intermediate |
| Lower leaf sheath hairiness | medium to strong |
| Hairiness of leaf margins below flag leaf | medium |
| Frequency of plants with recurved flag leaves | high |
| Time of panicle emergence | early to medium |
| Length (stem and panicle) | medium to long |

Stem

| | |
|--------------------------------------|--------|
| Hairiness of uppermost node | absent |
| Intensity of hairs of uppermost node | n/a |

Panicle

| | |
|----------------------|--------------------------|
| Attitude of branches | semi-erect to horizontal |
| Length | medium to long |

Glumes

| | |
|------------|----------------|
| Glaucosity | weak to medium |
| Length | medium to long |

Primary Grain

| | |
|----------------------------|---------------------|
| Lemma glaucosity | n/a |
| Husk | absent (naked type) |
| Tendency to be awned | absent or very weak |
| Lemma length | n/a |
| Lemma colour | n/a |
| Hairiness of back of lemma | n/a |
| Hairiness of base | n/a |
| Length of basal hairs | n/a |
| Length of rachilla | n/a |

Variety Name: **Patrik**

Crop: **Spring Oat**

Breeder's SG-K 5568

AFP No:

Breeder: SELGEN

Translated from:

Origin:

Date: 20 May 2020

Code: TRIK

| | |
|--|----------------------------|
| *Plant - growth habit: | Semi erect to intermediate |
| 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 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 hairiness of uppermost node: | NA |
| Panicle - type: | |
| Panicle - branch attitude: | Semi erect to horizontal |
| Panicle - length: | |
| Spikelets - attitude: | |
| Spikelets - frequency 3- grained spikelets: | |
| Glumes - glaucosity: | Medium |
| Glumes - fluorescence: | |
| Glumes - length: | Short ot 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 | |
| Primary grain - basal hairs abundance: | NA |
| Primary grain - basal hairs length: | NA |
| Primary grain - rachilla length: | NA |
| Primary grain - rachilla width: | |
| Primary grain - rachilla grooves: | |
| Primary grain - rachilla 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

semi-erect to horizontal

Spikelets

Attitude

Frequency of 3-grain spikelets

Awns

Abundance

absent or very weak

Glumes

Length

Glaucosity

medium

medium to strong

Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

absent or very weak

yellow

short to medium

n/a

very weak to weak

short-medium

medium to long

Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

absent

absent or very weak

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

very weak

medium

short to medium

early

Spring Oats

[AFP 3/554]

RGT HAMILTON

CHARACTERS IN DETAIL

Grain

Colour of lemma white

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness medium
Hairiness of leaf margins below flag leaf weak to medium
Frequency of plants with recurved flag leaves high
Time of panicle emergence early to medium
Glaucosity of flag leaf sheath medium to strong
Length (stem and panicle) long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity medium to strong
Length medium

Panicle

Attitude of branches semi-erect
Length medium

Primary Grain

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

RGT HATTON

CHARACTERS IN DETAIL

Grain

Colour of lemma white

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf weak
Frequency of plants with recurved flag leaves high
Time of panicle emergence medium
Glaucosity of flag leaf sheath medium to strong
Length (stem and panicle) long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity weak to medium
Length short to medium

Panicle

Attitude of branches horizontal
Length medium to long

Primary Grain

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

RGT IBANEZ

CHARACTERS IN DETAIL

Panicle

Type
Branch Attitude semi-erect

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance absent or very weak

Glumes

Length medium
Glaucosity weak to medium

Primary Grain

Husk present
Lemma - glaucosity - intensity absent or very weak
Lemma - colour white
Lemma - length medium
Lemma - hairiness of back n/a
Basal hairs - frequency absent or very 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 semi-erect to intermediate
Lower leaves - hairiness of sheaths weak to medium
Leaf blade - hairiness of leaf margin below flag weak
Plant - height (stem and panicle) long
Time of panicle emergence early to medium

RGT VAUGHAN

CHARACTERS IN DETAIL

Panicle

Type

Branch Attitude

semi-erect to horizontal

Spikelets

Attitude

Frequency of 3-grain spikelets

Awns

Abundance

absent or very weak

Glumes

Length

Glaucosity

medium
very weak

Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

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

Culm

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
weak
weak to medium
medium to long
medium

Variety Name: **Santini**

Crop : **Spring oats**

Breeder's Reference: SG-K 8464

AFP No:

Breeder: SELGEN

Translated from: Czech

Origin:

Date: 26 March 2020

Code: SANT

| | |
|---|----------------------------|
| *Plant - growth habit: | Semi erect to intermediate |
| 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

CHARACTERS IN DETAIL

Panicle

Type
 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

erect to semi-erect

Spikelets

Attitude

Frequency of 3-grain spikelets

Awns

Abundance

absent or very weak

Glumes

Length

Glaucosity

medium

absent or very weak

Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

absent or very weak

white

medium

n/a

absent or very weak

short

medium to long

Culm

Upper culm node hairs - presence

Upper culm node hairs - intensity

present

medium

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

weak to medium

weak to medium

long

early to medium

TRENT

CHARACTERS IN DETAIL

Grain

Colour of lemma yellow

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves high to very high
Time of panicle emergence medium
Glaucosity of flag leaf sheath strong
Length (stem and panicle) long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity medium
Length medium to long

Panicle

Attitude of branches semi-erect
Length long

Primary Grain

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

Vision

CHARACTERS IN DETAIL

Grain

Colour of lemma yellow

Plant

Growth habit semi-erect to intermediate
Lower leaf sheath hairiness absent or very weak
Hairiness of leaf margins below flag leaf absent or very weak
Frequency of plants with recurved flag leaves high to very high
Time of panicle emergence early to medium
Glaucosity of flag leaf sheath medium to strong
Length (stem and panicle) long to very long

Stem

Hairiness of uppermost node absent or very weak

Glumes

Glaucosity medium to strong
Length medium to long

Panicle

Attitude of branches semi-erect
Length medium to long

Primary Grain

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

Length

Glaucosity

medium
very weak

Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

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

Culm

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

intermediate
weak
weak
long
medium

WPB MIMIC**CHARACTERS IN DETAIL****Grain**

| | |
|-----------------|-------|
| Colour of lemma | white |
|-----------------|-------|

Plant

| | |
|---|---------------------|
| Growth habit | semi-erect |
| Lower leaf sheath hairiness | absent or very weak |
| Hairiness of leaf margins below flag leaf | absent or very weak |
| Frequency of plants with recurved flag leaves | very high |
| Time of panicle emergence | early to medium |
| Glaucosity of flag leaf sheath | medium to strong |
| Length (stem and panicle) | long |

Stem

| | |
|-----------------------------|---------------------|
| Hairiness of uppermost node | absent or very weak |
|-----------------------------|---------------------|

Glumes

| | |
|------------|------------------|
| Glaucosity | medium to strong |
| Length | medium |

Panicle

| | |
|----------------------|----------------|
| Attitude of branches | semi-erect |
| Length | medium to long |

Primary Grain

| | |
|----------------------------|---------------------|
| Lemma glaucosity | absent or very weak |
| Husk | present |
| Hairiness of back of lemma | n/a |
| Hairiness of base | absent or weak |
| Length of basal hairs | short to medium |
| Frequency of awns | absent or low |
| Lemma length | medium |
| Length of rachilla | medium |

ZENITH

CHARACTERS IN DETAIL

Panicle

Type

Branch Attitude

semi-erect to horizontal

Spikelets

Attitude

Frequency of 3-grain spikelets

Awns

Abundance

absent or very weak

Glumes

Length

Glaucosity

long

medium to strong

Primary Grain

Husk

Lemma - glaucosity - intensity

Lemma - colour

Lemma - length

Lemma - hairiness of back

Basal hairs - frequency

Basal hairs - length

Rachilla - length

present

medium to strong

yellow

long to very long

n/a

very weak to weak

medium

medium to long

Culm

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

intermediate

absent

absent or very weak

medium to long

early to medium