

Variety Name: **Arkan**

Crop :

Breeder's Reference: DC 1193/04

AFP No: 3/376

Breeder: Senova Ltd

Translated from: Polish

Origin:

Date: 23 March 2017

Code: ARKA

*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):	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:	
Panicle - type:	Equilateral
Panicle - branch attitude:	Semi erect
Panicle - length:	Short
Spikelets - attitude:	Pendulous
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	Medium to strong
Glumes - fluorescence:	
Glumes - length:	Medium
*Primary grain - husk:	Present
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	
Primary grain - tendency to be awned:	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:	Absent or very weak
Primary grain - basal hairs length:	Short to medium
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.

28 March 2017

SPRING OATS

AFP 3/314

ASCOT

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	very weak
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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

SPRING OATS

AFP 3/359

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

SPRING OATS

AFP 3/309

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
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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

SPRING OATS

AFP 3/235

BANQUO

CHARACTERS IN DETAIL

Panicle

Type	sub-unilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	medium
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Glumes

Length	medium to long
Glaucosity	medium

Primary Grain

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

Culm

Upper culm node hairs - presence	present
Upper culm node hairs - intensity	medium to strong

Plant growth characters

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

Variety Name: **BENNY**

Crop :

Breeder's Reference: NORD 13/322

AFP No:

Breeder: NORDSAAT

Translated from: German

Origin:

Date: 15 May 2018

Code: BENN

*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):	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 to horizontal
Panicle - length:	Medium to long
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	Medium to strong
Glumes - fluorescence:	
Glumes - length:	Short to medium
*Primary grain - husk:	Present
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	Absent or very weak
Primary grain - tendency to be awned:	Strong to very strong
Primary grain - lemma length:	
*Primary grain - lemma colour:	White
Primary grain - lemma hairiness of back (not white or	Medium to long
Primary grain - basal hairs abundance:	Very weak to weak
Primary grain - basal hairs length:	Medium
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.

16 May 2018

SPRING OATS

AFP 3/223

BULLION

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	absent or very weak
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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

SPRING OATS

AFP 3/327

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 3/341

CAPRI

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	strong
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Glumes

Length	medium
Glaucosity	strong

Primary Grain

Husk	present
Lemma - glaucosity - intensity	medium
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	n/a
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)	medium to long
Time of panicle emergence	early to medium

SPRING OATS

AFP 3/340

CAVALCADE

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	absent or very weak
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Glumes

Length	short
Glaucosity	medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	short
Lemma - hairiness of back	absent
Basal hairs - length	n/a
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	weak
Leaf blade - hairiness of leaf margin below flag	medium to strong
Plant - height (stem and panicle)	short
Time of panicle emergence	early

SPRING OATS

AFP 3/333

CIRCLE

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	medium to strong
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Glumes

Length	medium
Glaucosity	medium to strong

Primary Grain

Husk	present
Lemma - glaucosity - intensity	medium
Lemma - colour	white
Lemma - length	short to medium
Lemma - hairiness of back	absent
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	weak to medium
Plant - height (stem and panicle)	medium
Time of panicle emergence	early to medium

SPRING OATS

AFP 3/347

CONWAY

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak to medium
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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 3/334

DOMINIK

CHARACTERS IN DETAIL

Panicle

Type	unilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	absent or very weak
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Glumes

Length	medium
Glaucosity	strong to very strong

Primary Grain

Husk	present
Lemma - glaucosity - intensity	medium
Lemma - colour	yellow
Lemma - length	medium to long
Lemma - hairiness of back	n/a
Basal hairs - length	short-medium
Rachilla - length	short

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)	medium
Time of panicle emergence	medium

ELISON

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 yellow
Lemma - length short to medium
Lemma - hairiness of back n/a
Basal hairs - frequency very weak to weak
Basal hairs - length very short to 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 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 early

SPRING OATS

AFP 3/264

FIRTH

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	absent to few

Awns

Abundance	absent or very weak
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Glumes

Length	short to medium
Glaucosity	weak to medium

Primary Grain

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

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	weak
Leaf blade - hairiness of leaf margin below flag	very weak to weak
Plant - height (stem and panicle)	medium to long
Time of panicle emergence	early to medium

Variety Name: **FLOCKE**

Crop : **SPRING OAT**

Breeder's Reference:

AFP No: 3

Breeder: DR BETHOLD AALTER

Translated from:

Origin: GERMANY

Date: 16 April 2013

Code: FLOC

*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:	EARLY TO MEDIUM
*Plant - height (stem and panicle):	MEDIUM
Frequency of plants with recurved flag leaves:	MEDIUM TO HIGH
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node:	ABSENT
Culm - intensity of hairiness of uppermost node:	
Panicle - type:	
Panicle - branch attitude:	SEMI-ERECT TO HORIZONTAL
Panicle - length:	SHORT TO MEDIUM
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	STRONG
Glumes - fluorescence:	
Glumes - length:	MEDIUM
*Primary grain - husk:	PRESENT
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	WEAK TO MEDIUM
Primary grain - tendency to be awned:	WEAK TO MEDIUM
Primary grain - lemma length:	MEDIUM
*Primary grain - lemma colour:	WHITE
Primary grain - lemma hairiness of back (not white or	
Primary grain - basal hairs abundance:	ABSENT OR VERY WEAK
Primary grain - basal hairs length:	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.

30 March 2015

SPRING OATS

AFP 3/348

GABBY

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak
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Glumes

Length	medium
Glaucosity	strong

Primary Grain

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

SPRING OATS

AFP 3/337

GANDALF

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	medium to strong
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Glumes

Length	short to medium
Glaucosity	medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	weak to medium
Lemma - colour	white
Lemma - length	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	very weak
Leaf blade - hairiness of leaf margin below flag	weak
Plant - height (stem and panicle)	medium
Time of panicle emergence	early to medium

SPRING OATS

AFP 3/361

GLAMIS

CHARACTERS IN DETAIL

Panicle

Type
Branch Attitude semi-erect

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance weak to medium

Glumes

Length medium
Glaucosity medium to strong

Primary Grain

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

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 medium

Variety Name: **GREGOR**

Crop : **SPRING OAT**

Breeder's Reference:

AFP No:

Breeder: RWA RAIFFELSEN WARE

Translated from: GERMAN

Origin: AUSTRIA AG

Date: 29 July 2013

Code: GRGR

***Plant - growth habit:**

Semi erect

Lower leaves - hairiness of sheaths:

Absent to very weak

***Leaf blade - hairiness of leaf margins below flag leaf:**

Absent to very weak

***Time of panicle emergence:**

Early to medium

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

Medium

Frequency of plants with recurved flag leaves:

Medium to high

Flag leaf - glaucosity of sheath:

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

Absent

Culm - intensity of hairiness of uppermost node:

Panicle - type:

Semi erect to horizontal

Panicle - branch attitude:

Medium

Panicle - length:

Spikelets - attitude:

Spikelets - frequency 3- grained spikelets:

Weak

Glumes - glaucosity:

Glumes - fluorescence:

Medium to long

Glumes - length:

Present

***Primary grain - husk:**

Primary grain - tip acuteness:

***Primary grain - lemma glaucosity:**

Very weak to weak

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

Primary grain - basal hairs abundance:

Absent to very weak

Primary grain - basal hairs length:

Primary grain - rachilla length:

Medium

Primary grain - rachilla width:

Primary grain - rachilla grooves:

Primary grain - rachilla hairs:

Seasonal type:

Spring

Extra characters:

Variety Name: **Harmony**

Crop : **Spring oat**

Breeder's Reference: NORD 12/9114

AFP No:

Breeder: Nordsaat

Translated from: German

Origin:

Date: 30 August 2016

Code: MONY

*Plant - growth habit:	Intermediate to semi prostrate
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):	
Frequency of plants with recurved flag leaves:	High to very high
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node:	
Culm - intensity of hairiness of uppermost node:	
Panicle - type:	
Panicle - branch attitude:	
Panicle - length:	Medium
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	
Glumes - fluorescence:	
Glumes - length:	
*Primary grain - husk:	Presents
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	
Primary grain - tendency to be awned:	Absent or very weak
Primary grain - lemma length:	Long to very long
*Primary grain - lemma colour:	
Primary grain - lemma hairiness of back (not white or	White
Primary grain - basal hairs abundance:	Weak
Primary grain - basal hairs length:	Medium
Primary grain - rachilla length:	Medium to long
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 3/316

HUSKY

CHARACTERS IN DETAIL

Panicle

Type
Branch Attitude horizontal

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance weak

Glumes

Length short to medium
Glaucosity medium

Primary Grain

Husk present
Lemma - glaucosity - intensity very weak
Lemma - colour white
Lemma - length short to 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 intermediate to semi-prostrate
Lower leaves - hairiness of sheaths absent
Leaf blade - hairiness of leaf margin below flag very weak to weak
Plant - height (stem and panicle) medium
Time of panicle emergence early to medium

Variety Name: **Kamil**

Crop : **Spring Oat**

Breeder's Reference: SG-K 7223

AFP No:

Breeder: SELGEN

Translated from:

Origin:

Date: 30 August 2016

Code: KAMI

*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):	
Frequency of plants with recurved flag leaves:	Low to medium
Flag leaf - glaucosity of sheath:	Absent
*Culm - hairiness of uppermost node:	Absent
Culm - intensity of hairiness of uppermost node:	Not applicable
Panicle - type:	Horizontal
Panicle - branch attitude:	Horizontal
Panicle - length:	Medium
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	Medium
Glumes - fluorescence:	
Glumes - length:	
*Primary grain - husk:	
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	
Primary grain - tendency to be awned:	
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:	
Primary grain - rachilla width:	
Primary grain - rachilla grooves:	
Primary grain - rachilla hairs:	
Seasonal type:	
Extra characters:	

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

28 March 2018

SPRING OATS

AFP 3/324

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
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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

SPRING OATS

AFP 3/315

LEVEN

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak
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Glumes

Length	medium
Glaucosity	weak to medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	medium
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	very weak

Plant growth characters

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

MADISON

CHARACTERS IN DETAIL

Panicle

Type	
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	absent or very weak
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Glumes

Length	medium
Glaucosity	weak

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 - frequency	n/a
Basal hairs - length	n/a
Rachilla - length	short to 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	absent
Leaf blade - hairiness of leaf margin below flag	very weak to weak
Plant - height (stem and panicle)	medium
Time of panicle emergence	late

SPRING OATS

AFP 3/342

MELODY

CHARACTERS IN DETAIL

Panicle

Type
Branch Attitude horizontal

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance very weak

Glumes

Length medium to long
Glaucosity weak to medium

Primary Grain

Husk present
Lemma - glaucosity - intensity medium
Lemma - colour white
Lemma - length medium to long
Lemma - hairiness of back n/a
Basal hairs - length short
Rachilla - length short to 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 very weak
Leaf blade - hairiness of leaf margin below flag weak to medium
Plant - height (stem and panicle) medium
Time of panicle emergence early to medium

SPRING OATS

AFP 3/346

MONACO

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	strong
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Glumes

Length	medium
Glaucosity	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	very weak
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

SPRING OATS

AFP 3/360

MONTROSE

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 strong to very strong

Primary Grain

Husk present
Lemma - glaucosity - intensity medium to strong
Lemma - colour white
Lemma - length short to medium
Lemma - hairiness of back absent
Basal hairs - length n/a
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: **MORITZ**

Crop : **SPRING OAT**

Breeder's Reference:

AFP No:

Breeder: I.G. Saatzucht Verwaltungs GmbH

Translated from:

Origin: Germany

Date: 12 March 2013

Code: MORI

*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):	MEDIUM TO LONG
Frequency of plants with recurved flag leaves:	HIGH TO VERY HIGH
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node:	ABSENT
Culm - intensity of hairiness of uppermost node:	
Panicle - type:	
Panicle - branch attitude:	SEMI-ERECT TO HORIZONTAL
Panicle - length:	SHORT TO MEDIUM
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	MEDIUM
Glumes - fluorescence:	
Glumes - length:	MEDIUM TO LONG
*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 TO LONG
*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:	VERY SHORT TO 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.

30 March 2015



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:	
Panicle - branch attitude:	Horizontal
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

SPRING OATS

AFP 3/336

OLYMPIC

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak
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Glumes

Length	short to medium
Glaucosity	medium

Primary Grain

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

SPRING OATS

AFP 3/326

ROZMAR

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
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Glumes

Length	short
Glaucosity	weak

Primary Grain

Husk	present
Lemma - glaucosity - intensity	weak
Lemma - colour	yellow
Lemma - length	medium
Lemma - hairiness of back	n/a
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	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)	medium to long
Time of panicle emergence	early

SPRING OATS

SAUL

CHARACTERS IN DETAIL

Panicle

Type	
Branch Attitude	semi-erect to horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	
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Glumes

Length	medium
Glaucosity	medium to strong

Primary Grain

Husk	absent
Lemma - glaucosity - intensity	n/a
Lemma - colour	
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 to intermediate
Lower leaves - hairiness of sheaths	absent or very weak
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 to late

SPRING OATS

AFP 3/390

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

SPRING OATS

AFP 3/289

SW ARGYLE

CHARACTERS IN DETAIL

Panicle

Type	sub-unilateral
Branch Attitude	semi-erect to horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	absent or very few

Awns

Abundance	strong
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Glumes

Length	long
Glaucosity	strong to very strong

Primary Grain

Husk	present
Lemma - glaucosity - intensity	strong to very strong
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	short
Rachilla - length	short to 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	weak
Leaf blade - hairiness of leaf margin below flag	very weak to weak
Plant - height (stem and panicle)	long
Time of panicle emergence	late

Variety Name: **Symphony**

Crop :

Breeder's Reference: NORD 09/128

AFP No: 3/368

Breeder: Nordsaatzucht GmbH

Translated from: Danish

Origin:

Date: 23 March 2017

Code: SYMP

*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):	Medium to long
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:	Very weak
Panicle - type:	Equilateral
Panicle - branch attitude:	Horizontal
Panicle - length:	Medium to long
Spikelets - attitude:	Pendulous
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	Strong
Glumes - fluorescence:	
Glumes - length:	medium to long
*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:	Long
*Primary grain - lemma colour:	White
Primary grain - lemma hairiness of back (not white or	
Primary grain - basal hairs abundance:	Weak
Primary grain - basal hairs length:	Short
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.

28 March 2017

Variety Name: **Tatran**

Crop :

Breeder's Reference: PS - 129

AFP No:

Breeder: UKSUP v Bratislave

Translated from: Slovena

Origin:

Date: 15 December 2009

Code: TAT

*Plant - growth habit:	Semi erect
Lower leaves - hairiness of sheaths:	Medium to strong
*Leaf blade - hairiness of leaf margins below flag leaf:	Medium to strong
*Time of panicle emergence:	Medium
*Plant - height (stem and panicle):	Long
Frequency of plants with recurved flag leaves:	Very low
Flag leaf - glaucosity of sheath:	
*Culm - hairiness of uppermost node:	
Culm - intensity of hairiness of uppermost node:	
Panicle - type:	
Panicle - branch attitude:	Present
Panicle - length:	
Spikelets - attitude:	
Spikelets - frequency 3- grained spikelets:	
Glumes - glaucosity:	Medium
Glumes - fluorescence:	
Glumes - length:	Short to medium
*Primary grain - husk:	Absent
Primary grain - tip acuteness:	
*Primary grain - lemma glaucosity:	
Primary grain - tendency to be awned:	
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:	Spring
Extra characters:	

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

08 March 2016

SPRING OATS

VOK

CHARACTERS IN DETAIL

Panicle

Type	sub unilateral
Branch Attitude	semi-erect to horizontal

Spikelets

Attitude	pendulous
Frequency of 3-grain spikelets	

Awns

Abundance	absent to very weak
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Glumes

Length	medium to long
Glaucosity	weak to medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	weak
Lemma - colour	yellow
Lemma - length	medium
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)	medium
Time of panicle emergence	medium to late

SPRING OATS

AFP 3/381

WPB ELYANN

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

Primary Grain

Husk present
Lemma - glaucosity - intensity weak to medium
Lemma - colour white
Lemma - length medium
Lemma - hairiness of back n/a
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 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

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
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Glumes

Length	medium
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

SPRING OATS

AFP 3/392

WPB TYGO

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 to long
Glaucosity medium

Primary Grain

Husk present
Lemma - glaucosity - intensity strong
Lemma - colour white
Lemma - length medium to long
Lemma - hairiness of back n/a
Basal hairs - length n/a
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) very short
Time of panicle emergence very early to early

SPRING OATS

AFP 3/370

WPB VALDEZ

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak
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Glumes

Length	medium to long
Glaucosity	medium to strong

Primary Grain

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

Culm

Upper culm node hairs - presence	present
Upper culm node hairs - intensity	weak to medium

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)	medium
Time of panicle emergence	early to medium

Variety Name: **YUKON**

Crop : **Spring Oat**

Breeder's Reference: NORD 11/140

AFP No: 3/379

Breeder: RWA Raiffeisen Ware Austria AG

Translated from: Austrian

Origin:

Date: 07 October 2014

Code: YUKO

*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):	medium to long
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:	n/a
Panicle - type:	equilateral
Panicle - branch attitude:	horizontal
Panicle - length:	medium
Spikelets - attitude:	pendulous
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:	absent or very weak
Primary grain - tendency to be awned:	strong
Primary grain - lemma length:	short to medium
*Primary grain - lemma colour:	yellow
Primary grain - lemma hairiness of back (not white or	
Primary grain - basal hairs abundance:	absent or very weak
Primary grain - basal hairs length:	short
Primary grain - rachilla length:	short
Primary grain - rachilla width:	
Primary grain - rachilla grooves:	
Primary grain - rachilla hairs:	
Seasonal type:	spring
Extra characters:	Leaf colour medium to dark green.

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

14 March 2017

SPRING OATS

AFP 3/318

ZUTON

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
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Glumes

Length	medium
Glaucosity	medium

Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	yellow
Lemma - length	long
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	very weak

Plant growth characters

Plant - growth habit	erect to 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)	medium
Time of panicle emergence	medium