CHARACTERS IN DETAIL Grain

Aleurone colour Rachilla hair type Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles	strong
Awn tips	strong
Lemma nerves (at early dough)	medium to stror

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis

Length of first segment Curvature of first segment none or rudimentary not applicable

medium to long weak



[AFP 2/3538] **ADMIRE**

whitish long absent or very weak husked absent bevelled

intermediate medium absent horizontal medium to late strong medium to strong semi-erect short to medium

ng

medium to dense

long to very long

two

parallel

medium

equal



BELTER

CHARACTERS IN DETAIL

Ear
Number of rows
Density
Length
Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude
Sterile spikelet - development
Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude medium short to medium tapering

long

two

medium to long very weak

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

strong to very strong medium to strong medium to strong

intermediate short to medium absent medium strong medium to strong semi-erect

[AFP 2/3453] BOUNTY

CHARACTERS IN DETAIL

Grain

Aleurone colour Rachilla hair type Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles Awn tips Lemma nerves (at early dough)

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis Length of first segment Curvature of first segment whitish short absent or very weak husked absent bevelled

semi-erect to intermediate medium absent semi-erect to horizontal early strong medium to strong semi-erect medium

strong medium to strong medium to strong

two slightly tapering sparse to medium medium medium to long slightly longer

none or rudimentary not applicable

medium to long very weak



CADIZ

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two lax to medium long parallel

long

medium to long weak

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong medium medium

semi-erect to intermediate long absent medium medium medium to strong semi-erect



CB SCORE

CHARACTERS IN DETAIL

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two lax medium to long tapering

long

medium very weak

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong strong medium to strong

semi-erect to intermediate medium to long absent medium strong medium erect to semi-erec



SPRING BARLEY 2022

AFP 2/3342

DIVINER

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two medium to dense short parallel

long

short to medium weak

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

medium to strong medium medium to strong

semi-erect to intermediate short to medium absent medium to late strong medium to strong erect to semi-erect



Variety Name: EVELINA

Breeders Reference: SE 501/05SG	AFP No:
Breeder: Landwirtschaftliche Fachschule Edelhof Saatzucht	Translated from: German
Origin:	Date: 12 June 2015
Code: EVEL	
*Plant - growth habit:	semi erect
*Lower leaves - hairiness of leaf sheaths:	absent
*Time of ear emergence:	early to medium
*Flag leaf- anthocyanin colouration of auricles:	strong to very strong
Frequency of plants with recurved flag leaves:	low to medium
Flag leaf- glaucosity of sheath:	strong to very strong
*Ear- glaucosity:	medium
Ear- attitude:	semi erect`
Ear-length:	medium to long
*Ear- number of rows:	two
*Ear- density:	medium to dense
Ear- shape:	tapering to parallel
*Awn- anthocyanin colouration of the tips:	strong
*Awn- length compared to ear:	medium to long
Awn- spiculation of margins:	
*Sterile spikelet-attitude:	divergent
Sterile spikelet-shape of tip:	
Sterile spikelet- length of lemma:	
Median spikelet- length of glume + awn cf grain:	
Lemma nerves- anthocyanin colouration:	
*Plant height:	tall
Collar type:	
Rachis- length of first segment:	short
Rachis- width of first segment:	
Rachis- curvature of first segment:	medium
Rachis- shape of first segment:	
Rachis(2-row)- humping of segments (mid third):	
Rachis(6-row)- degree of zig-zag (mid third):	
Kernel- colour of aleurone layer:	white
*Grain- rachilla hair type:	long
Grain- rachilla length:	
Grain- rachilla - length of tip hairs:	
Grain- spiculation of inner lateral nerves:	absent to very weak
Grain- spiculation of outer lateral nerves:	
Grain- anthocyanin colouration of lemma nerves:	strong
*Grain- ventral furrow - presence of hairs:	absent
*Grain- husk:	present
Grain- length of lodicles ("collar" type only):	
Grain- disposition of lodicules:	clasping
*Seasonal type:	spring
Extra characters:	

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

08 March 2016



FAIRING

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude 21 days after ear emerg. medium

medium

tapering

two

lax

medium to long medium

divergent full equal

whitish present absent or v. weak long absent clasping

medium to strong medium to strong medium

semi-erect to intermediate short absent early to medium strong medium semi-erect



CHARACTERS IN DETAIL

Grain

Aleurone colour Rachilla hair type Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles	strong
Awn tips	strong
Lemma nerves (at early dough)	strong

Ear

Number of rows	
Shape	
Density	
Length (excluding awns)	
Awn length (compared to ear)	
Median spikelet - length of glume+awn cf grain	

Sterile Spikelet

Development Attitude

Rachis

Length of first segment Curvature of first segment none or rudimentary not applicable

medium to dense medium to long

short to medium weak to medium



[AFP 2/3529] FIRECRACKER

whitish short absent or very weak husked absent bevelled

intermediate to semi-prostrate medium absent semi-erect to horizontal medium to late strong strong semi-erect short to medium

two parallel

long equal

FIREFOXX

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two very lax to lax medium to long parallel

long

long medium to strong

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

medium to strong weak to medium medium to strong

intermediate medium to long absent medium medium to strong medium to strong erect to semi-erect





FLORENCE

CHARACTERS IN DETAIL

CHARACTERS IN DETAIL	
Ear	
Number of rows	two
Density	medium
Length	short to medium
Shape	parallel
Awn	
Length compared to ear	long
Rachis	
Length of first segment	short to medium
Curvature of first segment	very weak
Spikelet	
Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn cf grain	equal
Grain	
Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	husked

Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude semi-erect to intermediate very short to short absent medium strong medium erect to semi-erect

absent or v. weak

short

absent

strong

medium

medium to strong

clasping

GOLDEN PROMISE

CHARACTERS IN DETAIL

Ear

ar Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude
Sterile spikelet - development
Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude 21 days after ear emerg.

- two lax to medium short to medium parallel short (shorter than ear) medium to long very weak divergent equal whitish ("white") present absent/v. weak (0-2 per nerve) long absent frontal ("bib" type) medium weak to medium medium
 - erect medium absent early to medium strong strong semi-erect





HURLER

CHARACTERS IN DETAIL

Ear	
Number of rows	two
Density	medium
Length	short to mediu
Shape	parallel
A	
Awn	

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude
Sterile spikelet - development
Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude

ium

long to very long

medium weak

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

medium to strong medium medium

semi-erect to intermediate short to medium absent medium to late strong medium erect to semi-erect

KELIM

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude 21 days after ear emerg. two lax short to medium parallel

long (longer than ear)

medium weak

n/a none or rudimentary(deficiens) longer

whitish ("white") present absent/v. weak (0-2 per nerve) short absent clasping ("collar" type)

strong medium to strong

semi-erect to intermediate medium absent early to medium strong medium to strong semi-erect



KWS CURTIS

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two medium to dense short to medium parallel

long to very long

medium weak

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

strong very weak to weak medium

semi-erect to intermediate medium absent medium to late strong medium to strong semi-erect



[AFP 2/3544]

KWS ENDURIS

CHARACTERS IN DETAIL

Grain

Aleurone colour Rachilla hair type Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles Awn tips Lemma nerves (at early dough)

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis

Length of first segment Curvature of first segment whitish short absent or very weak husked absent bevelled

semi-erect to intermediate medium absent semi-erect early to medium strong strong semi-erect to horizontal medium

strong strong medium to strong

two parallel medium short to medium long slightly longer

none or rudimentary not applicable

short to medium very weak



CHARACTERS IN DETAIL Grain

Aleurone colour Rachilla hair type Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles
Awn tips
Lemma nerves (at early dough)

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis

Length of first segment Curvature of first segment none or rudimentary not applicable

short to medium very weak



[AFP 2/3620]

whitish short absent or very weak husked absent bevelled

semi-erect to intermediate medium absent semi-erect to horizontal early to medium strong strong horizontal short to medium

strong strong medium to strong

slightly tapering

sparse to medium

short to medium

two

long

equal

KWS SASSY

CHARACTERS IN DETAIL

Ear Number of rows Density Length Shape Awn Length compared to ear Rachis Length of first segment Curvature of first segment Spikelet Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain Grain Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs

Anthocyanin colouration

Disposition of lodicules

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude 21 days after ear emerg.

long

two

medium

medium

tapering

short to medium weak

divergent full equal

whitish present absent or v. weak long absent clasping

strong very weak to weak medium

intermediate short to medium absent medium to late medium to strong medium to strong erect to semi-erect



LAUREATE

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude 21 days after ear emerg. two medium short to medium parallel

long

medium to long medium

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong medium medium

semi-erect to intermediate short absent medium medium to strong medium to strong erect to semi-erect





AFP 2/3441 LG AQUARIUS

CHARACTERS IN DETAIL

Ear	
Number of rows	two
Density	medium
Length	short to medium
Shape	tapering
Awn	
Length compared to ear	long
Rachis	
Length of first segment	medium
Curvature of first segment	very weak
Spikelet	
Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimenta
Median spikelet - length of glume+awn cf grain	equal
Grain	
Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	husked
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent

Anthocyanin colouration

Disposition of lodicules

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude

ntary ak

absent clasping

strong strong medium to strong

intermediate short to medium absent early strong medium to strong semi-erect

LG DIABLO

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two lax to medium short to medium parallel

long

medium weak to medium

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong weak to medium medium

intermediate to semi-prostrate medium absent medium to late medium to strong medium to strong erect to semi-erect



CHARACTERS IN DETAIL Grain

Grain Aleurone colour Rachilla hair type

Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles Awn tips Lemma nerves (at early dough)

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis

Length of first segment Curvature of first segment [AFP 2/3555] LG INTERCEPTOR

whitish short absent or very weak husked absent bevelled

intermediate medium absent horizontal medium to late strong medium to strong semi-erect short to medium

strong strong medium to strong

two parallel sparse to medium medium long to very long equal

none or rudimentary not applicable

medium to long very weak



LG MERMAID

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two lax to medium medium tapering

long

medium weak to medium

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong weak to medium medium to strong

semi-erect to intermediate short to medium absent early to medium strong strong erect to semi-erect



MALVERN

CHARACTERS IN DETAIL

Ear

241	
Number of rows	tw
Density	me
Length	me
Shape	ра
Awn	
Length compared to ear	lor
Rachis	
Length of first segment	me
Curvature of first segment	we
Spikelet	
Sterile spikelet - attitude	n/a
Sterile spikelet - development	no
Median spikelet - length of glume+awn cf grain	eq
Grain	
Kernel - colour of aleurone layer	wh
Husk - presence after harvest	pre
Spiculation of inner lateral nerves	ab
Rachilla hair type	lor

Anthocyanin colouration

Disposition of lodicules

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Ventral furrow - presence of hairs

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two medium medium parallel

long

medium weak

n/a none or rudimentary equal

whitish present absent or v. weak long absent clasping

strong weak to medium strong

semi-erect to intermediate medium absent medium strong medium erect to semi-erect





NOS GAMBIT

CHARACTERS IN DETAIL

Ear	
Number of rows	two
Density	medium
Length	medium
Shape	tapering
Awn	

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude
Sterile spikelet - development
Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude medium to long

medium to long very weak

n/a none or rudimentary equal

whitish husked absent or v. weak long absent clasping

strong medium medium to strong

intermediate medium absent medium strong medium semi-erect



NOS MUNRO

CHARACTERS IN DETAIL

Number of rowstwDensitymeLengthmeShapepar

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude
Sterile spikelet - development
$Median\ spikelet\ \text{-}\ length\ of\ glume+awn\ cf\ grain$

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two medium to dense medium parallel

medium to long

medium very weak

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

strong to very strong medium medium to strong

semi-erect to intermediate short to medium absent medium to late strong medium to strong semi-erect

[AFP 2/3565]

CHARACTERS IN DETAIL

Grain

Aleurone colour Rachilla hair type Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles Awn tips Lemma nerves (at early dough)

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis

Length of first segment Curvature of first segment whitish short absent or very weak husked absent bevelled

semi-erect to intermediate medium absent semi-erect medium strong strong semi-erect short to medium

strong strong to very strong medium

two slightly tapering medium short to medium long to very long equal

none or rudimentary not applicable

short to medium very weak





OLSEN

CHARACTERS IN DETAIL

Number of rows	two
Density	medium
Length	short to medium
Shape	parallel

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude
Sterile spikelet - development
Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude

m

medium to long

medium to long weak to medium

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

strong medium to strong strong

intermediate short to medium absent medium strong medium to strong semi-erect

Breeders Reference: SJ 148527	AFP No:
Breeder: Senova Ltd	Translated from: Danish
Origin:	Date: 04 May 2020
Code: PPECT	
*Plant - growth habit:	Intermediate to semi prostrate
*Lower leaves - hairiness of leaf sheaths:	Absent
*Time of ear emergence:	Medium
*Flag leaf- anthocyanin colouration of auricles:	Strong to very strong
Frequency of plants with recurved flag leaves:	
Flag leaf- glaucosity of sheath:	Strong to very strong
*Ear- glaucosity:	Strong
Ear- attitude:	Erect to semi erect
Ear-length:	Medium
*Ear- number of rows:	Тwo
*Ear- density:	Medium
Ear- shape:	Parallel
*Awn- anthocyanin colouration of the tips:	Strong
*Awn- length compared to ear:	Medium to long
Awn- spiculation of margins:	C C
*Sterile spikelet-attitude:	NA
Sterile spikelet-shape of tip:	NA
Sterile spikelet- length of lemma:	NA
Median spikelet- length of glume + awn cf grain:	Equal
Lemma nerves- anthocyanin colouration:	Medium
*Plant height:	Medium
Collar type:	
Rachis- length of first segment:	Short
Rachis- width of first segment:	
Rachis- curvature of first segment:	Weak to medium
Rachis- shape of first segment:	
Rachis(2-row)- humping of segments (mid third):	
Rachis(6-row)- degree of zig-zag (mid third):	
Kernel- colour of aleurone layer:	Whitish
*Grain- rachilla hair type:	Short
Grain- rachilla length:	
Grain- rachilla - length of tip hairs:	
Grain- spiculation of inner lateral nerves:	Absent or very weak
Grain- spiculation of outer lateral nerves:	
Grain- anthocyanin colouration of lemma nerves:	
*Grain- ventral furrow - presence of hairs:	Absent
*Grain- husk:	Present
Grain- length of lodicles ("collar" type only):	
Grain- disposition of lodicules:	Clasping
*Seasonal type:	Spring
Extra characters:	איייאכ

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



06 May 2020

[AFP 2/3531] PTARMIGAN

CHARACTERS IN DETAIL

Grain

Aleurone colour Rachilla hair type Spiculation of inner lateral nerves Husk (presence after harvest) Ventral furrow hairiness Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles Awn tips Lemma nerves (at early dough)

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis

Length of first segment	
Curvature of first segment	

whitish short absent or very weak husked absent bevelled

intermediate medium absent horizontal medium strong medium semi-erect short to medium

strong strong strong

two slightly tapering sparse to medium medium long much longer

none or rudimentary not applicable

medium very weak



RGT ASTEROID

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two lax to medium medium parallel

long

short to medium weak

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

medium to strong weak to medium medium to strong

intermediate to semi-prostrate medium to long absent medium to late strong medium to strong erect to semi-erect



Variety Name: RGT PLANET

Crop:

Breeders Reference:	AFP No:	
Breeder: RAGT 2n	Translated from: French	
Origin:	Date: 02 April 2015	
Code: RGTP		
*Plant - growth habit:	Intermediate	
*Lower leaves - hairiness of leaf sheaths:	Absent	
*Time of ear emergence:	Medium	
*Flag leaf- anthocyanin colouration of auricles:	Strong	
Frequency of plants with recurved flag leaves:	Low	
Flag leaf- glaucosity of sheath:	Strong	
*Ear- glaucosity:	Medium to strong	
Ear- attitude:	Semi erect to horizontal	
Ear-length:	Long	
*Ear- number of rows:	Тwo	
*Ear- density:	Lax to medium	
Ear- shape:		
*Awn- anthocyanin colouration of the tips:		
*Awn- length compared to ear:	Long	
Awn- spiculation of margins:		
*Sterile spikelet-attitude:	Deficiens	
Sterile spikelet-shape of tip:		
Sterile spikelet- length of lemma:		
Median spikelet- length of glume + awn cf grain:	Equal	
Lemma nerves- anthocyanin colouration:	Strong	
*Plant height:	Medium	
Collar type:		
Rachis- length of first segment:	Short to medium	
Rachis- width of first segment:		
Rachis- curvature of first segment:	Weak	
Rachis- shape of first segment:		
Rachis(2-row)- humping of segments (mid third):		
Rachis(6-row)- degree of zig-zag (mid third):		
Kernel- colour of aleurone layer:	Whitish	
*Grain- rachilla hair type:	Short	
Grain- rachilla length:	Medium	
Grain- rachilla - length of tip hairs:		
Grain- spiculation of inner lateral nerves:	Absent or very weak	
Grain- spiculation of outer lateral nerves:	Medium	
Grain- anthocyanin colouration of lemma nerves:	Strong	
*Grain- ventral furrow - presence of hairs:	Absent	
*Grain- husk:	Present	
Grain- length of lodicles ("collar" type only):		
Grain- disposition of lodicules:	Clasping	
*Seasonal type:	Spring	
Extra characters:		

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

09 April 2015



SIENNA

CHARACTERS IN DETAIL

Ear Number of rows Density Length Shape Awn Length compared to ear Rachis Length of first segment Curvature of first segment Spikelet Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain Grain Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs **Disposition of lodicules** Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude 21 days after ear emerg. long

two

short

parallel

medium

medium weak

divergent full equal

whitish present absent or v. weak short absent clasping

strong weak medium

intermediate short to medium absent medium to late medium to strong medium erect to semi-erect



SKYWAY

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two lax medium to long tapering

long

medium medium

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong weak to medium medium

semi-erect to intermediate medium to long absent early to medium medium to strong medium to strong semi-erect



[AFP 2/3571] SY ARROW

CHARACTERS IN DETAIL

Grain

Aleurone colour
Rachilla hair type
Spiculation of inner lateral nerves
Husk (presence after harvest)
Ventral furrow hairiness
Shape of lemma base

Plant

Growth habit Green colour (at tillering) Lower leaf sheath hairiness Flag leaf attitude Time of ear emergence Flag leaf glaucosity Ear glaucosity Ear attitude (21 days after ear emergence) Length (stem, ears and awns)

Anthocyanin colouration

Flag leaf auricles
Awn tips
Lemma nerves (at early dough)

Ear

Number of rows Shape Density Length (excluding awns) Awn length (compared to ear) Median spikelet - length of glume+awn cf grain

Sterile Spikelet

Development Attitude

Rachis

Length of first segment
Curvature of first segment

whitish short absent or very weak husked absent bevelled

semi-erect to intermediate medium absent semi-erect to horizontal medium to late medium to strong strong semi-erect to horizontal medium to long

strong strong medium

two
slightly tapering
sparse
medium
long
equal

none or rudimentary not applicable

medium to long very weak



SY SIGNET

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two medium short to medium parallel

long

medium to long weak

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

strong medium medium to strong

semi-erect to intermediate short to medium absent medium strong medium to strong erect to semi-erect



SY SPLENDOR

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two lax medium to long tapering to parallel

long to very long

medium to long medium

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong medium medium to strong

intermediate medium absent medium medium to strong medium to strong erect to semi-erect



Crop: Spring Barley

Breeders Reference:	AFP No: 2/3013
Breeder:	Translated from:
Origin:	Date:
Code: B3013	
*Plant - growth habit:	Intermediate
*Lower leaves - hairiness of leaf sheaths:	Absent
*Time of ear emergence:	Medium
*Flag leaf- anthocyanin colouration of auricles:	Medium to strong
Frequency of plants with recurved flag leaves:	
Flag leaf- glaucosity of sheath:	Strong
*Ear- glaucosity:	Medium
Ear- attitude:	Semi erect to horizontal
Ear- length:	Short to medium
*Ear- number of rows:	2
*Ear- density:	Medium
Ear- shape:	Parallel
*Awn- anthocyanin colouration of the tips:	Medium
*Awn- length compared to ear:	Long
Awn- spiculation of margins:	
*Sterile spikelet-attitude:	Deficiens
Sterile spikelet-shape of tip:	
Sterile spikelet- length of lemma:	
Median spikelet- length of glume + awn cf grain:	
Lemma nerves- anthocyanin colouration:	Medium to strong
*Plant height:	Short to medium
Collar type:	~
Rachis- length of first segment:	Short to medium
Rachis- width of first segment:	XXX 1
Rachis- curvature of first segment:	Weak to medium
Rachis- shape of first segment:	
Rachis(2-row)- humping of segments (mid third):	
Rachis(6-row)- degree of zig-zag (mid third):	XX 71. '' 1.
Kernel- colour of aleurone layer:	Whitish
*Grain- rachilla hair type:	Short
Grain- rachilla length:	
Grain- rachilla - length of tip hairs:	A 1
Grain- spiculation of inner lateral nerves:	Absent or very weak
Grain- spiculation of outer lateral nerves:	
Grain- anthocyanin colouration of lemma nerves: *Grain- ventral furrow - presence of bairs:	Absent
*Grain- ventral furrow - presence of hairs: *Grain- husk:	Absent Present
	riesent
Grain- length of lodicles ("collar" type only): Grain- disposition of lodicules:	Clasping
*Seasonal type:	Spring
Extra characters:	Shund
ביאנו מ טוומו מטונו א.	

SY TENNYSON

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two medium short to medium parallel

long

medium very weak

n/a none or rudimentary equal

whitish husked absent or v. weak short absent clasping

strong medium medium to strong

semi-erect to intermediate short to medium absent medium to late medium to strong medium to strong erect to semi-erect



SY TUNGSTEN

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two very lax to lax long parallel

long

medium to long medium

n/a none or rudimentary equal

whitish present absent or v. weak long absent clasping

strong medium medium to strong

intermediate medium absent early to medium strong strong erect to semi-erect



WESTMINSTER

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude
Sterile spikelet - development
Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude 21 days after ear emerg. two medium medium parallel

long (longer than ear)

medium weak to medium

divergent

equal

whitish ("white") present medium (3-5 per nerve) short absent clasping ("collar" type)

strong weak medium

intermediate to semi-prostrate medium to long absent early to medium strong weak to medium horizontal to semi-recurved



WINSTON

CHARACTERS IN DETAIL

Ear

Number of rows Density Length Shape

Awn

Length compared to ear

Rachis

Length of first segment Curvature of first segment

Spikelet

Sterile spikelet - attitude Sterile spikelet - development Median spikelet - length of glume+awn cf grain

Grain

Kernel - colour of aleurone layer Husk - presence after harvest Spiculation of inner lateral nerves Rachilla hair type Ventral furrow - presence of hairs Disposition of lodicules

Anthocyanin colouration

Flag leaf - auricles Lemma nerves - at early dough Awn tips

Plant growth characters

Plant - growth habit Plant - length Lower leaf - hairiness of sheaths Time of ear emergence Flag leaf - glaucosity of sheath Ear - glaucosity Ear - attitude two medium to dense medium parallel

long

medium weak

n/a none or rudimentary equal

whitish present absent or v. weak short absent clasping

strong medium to strong medium to strong

semi-erect to intermediate medium absent medium strong medium semi-erect

