

ADMIRE

CHARACTERS IN DETAIL

Grain

Aleurone colour	whitish
Rachilla hair type	long
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	horizontal
Time of ear emergence	medium to late
Flag leaf glaucosity	strong
Ear glaucosity	medium to strong
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	parallel
Density	medium to dense
Length (excluding awns)	medium
Awn length (compared to ear)	long to very long
Median spikelet - length of glume+awn cf grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium to long
Curvature of first segment	weak

BELTER

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium to long
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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong to very strong
Lemma nerves - at early dough	medium to strong
Awn tips	medium to strong

Plant growth characters

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

BOUNTY**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	semi-erect to intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect to horizontal
Time of ear emergence	early
Flag leaf glaucosity	strong
Ear glaucosity	medium to strong
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	slightly tapering
Density	sparse to medium
Length (excluding awns)	medium
Awn length (compared to ear)	medium to long
Median spikelet - length of glume+awn cf grain	slightly longer

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium to long
Curvature of first segment	very weak

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	lax to medium
Length	long
Shape	parallel

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium to long
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

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

Plant growth characters

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

SPRING BARLEY

AFP 2/3290

CB SCORE

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	lax
Length	medium to long
Shape	tapering

Awn

Length compared to ear	long
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Rachis

Length of first segment	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	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	strong
Awn tips	medium to strong

Plant growth characters

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

DIVINER

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	short to medium
Curvature of first segment	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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	medium to strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

Variety Name: **EVELINA**

Crop: Spring Barley

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 of 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 lodicles:	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	two
Density	lax
Length	medium
Shape	tapering

Awn

Length compared to ear	medium
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Rachis

Length of first segment	medium to long
Curvature of first segment	medium

Spikelet

Sterile spikelet - attitude	divergent
Sterile spikelet - development	full
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	long
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	medium to strong
Lemma nerves - at early dough	medium to strong
Awn tips	medium

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Plant - length	short
Lower leaf - hairiness of sheaths	absent
Time of ear emergence	early to medium
Flag leaf - glaucosity of sheath	strong
Ear - glaucosity	medium
Ear - attitude 21 days after ear emerg.	semi-erect

FIRECRACKER**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	intermediate to semi-prostrate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect to horizontal
Time of ear emergence	medium to late
Flag leaf glaucosity	strong
Ear glaucosity	strong
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	parallel
Density	medium to dense
Length (excluding awns)	medium to long
Awn length (compared to ear)	long
Median spikelet - length of glume+awn cf grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	short to medium
Curvature of first segment	weak to medium

FIREFOXX

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	very lax to lax
Length	medium to long
Shape	parallel

Awn

Length compared to ear	long
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Rachis

Length of first segment	long
Curvature of first segment	medium to strong

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	medium to strong
Lemma nerves - at early dough	weak to medium
Awn tips	medium to strong

Plant growth characters

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

FLORENCE

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

GOLDEN PROMISE

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	short (shorter than ear)
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Rachis

Length of first segment	medium to long
Curvature of first segment	very weak

Spikelet

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

Grain

Kernel - colour of aleurone layer	whitish ("white")
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent/v. weak (0-2 per nerve)
Rachilla hair type	long
Ventral furrow - presence of hairs	absent
Disposition of lodicules	frontal ("bib" type)

Anthocyanin colouration

Flag leaf - auricles	medium
Lemma nerves - at early dough	weak to medium
Awn tips	medium

Plant growth characters

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

HURLER

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long to very long
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Rachis

Length of first segment	medium
Curvature of first segment	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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	medium to strong
Lemma nerves - at early dough	medium
Awn tips	medium

Plant growth characters

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

KELIM

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long (longer than ear)
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Rachis

Length of first segment	medium
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary(deficiens)
Median spikelet - length of glume+awn of grain	longer

Grain

Kernel - colour of aleurone layer	whitish ("white")
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent/v. weak (0-2 per nerve)
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping ("collar" type)

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	strong
Awn tips	medium to strong

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Plant - length	medium
Lower leaf - hairiness of sheaths	absent
Time of ear emergence	early to medium
Flag leaf - glaucosity of sheath	strong
Ear - glaucosity	medium to strong
Ear - attitude 21 days after ear emerg.	semi-erect

KWS CURTIS

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long to very long
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Rachis

Length of first segment	medium
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of 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
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	very weak to weak
Awn tips	medium

Plant growth characters

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

KWS ENDURIS**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	semi-erect to intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect
Time of ear emergence	early to medium
Flag leaf glaucosity	strong
Ear glaucosity	strong
Ear attitude (21 days after ear emergence)	semi-erect to horizontal
Length (stem, ears and awns)	medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	parallel
Density	medium
Length (excluding awns)	short to medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn of grain	slightly longer

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	short to medium
Curvature of first segment	very weak

KWS KAYIS**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	semi-erect to intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect to horizontal
Time of ear emergence	early to medium
Flag leaf glaucosity	strong
Ear glaucosity	strong
Ear attitude (21 days after ear emergence)	horizontal
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	slightly tapering
Density	sparse to medium
Length (excluding awns)	short to medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn cf grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	short to medium
Curvature of first segment	very weak

KWS SASSY

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	medium
Length	medium
Shape	tapering

Awn

Length compared to ear	long
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Rachis

Length of first segment	short to medium
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	divergent
Sterile spikelet - development	full
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	long
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	very weak to weak
Awn tips	medium

Plant growth characters

Plant - growth habit	intermediate
Plant - length	short to medium
Lower leaf - hairiness of sheaths	absent
Time of ear emergence	medium to late
Flag leaf - glaucosity of sheath	medium to strong
Ear - glaucosity	medium to strong
Ear - attitude 21 days after ear emerg.	erect to semi-erect

LAUREATE

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium to long
Curvature of first segment	medium

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

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

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Plant - length	short
Lower leaf - hairiness of sheaths	absent
Time of ear emergence	medium
Flag leaf - glaucosity of sheath	medium to strong
Ear - glaucosity	medium to strong
Ear - attitude 21 days after ear emerg.	erect to semi-erect

LG AQUARIUS

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	strong
Awn tips	medium to strong

Plant growth characters

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

LG DIABLO

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium
Curvature of first segment	weak to medium

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	weak to medium
Awn tips	medium

Plant growth characters

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

LG INTERCEPTOR**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	horizontal
Time of ear emergence	medium to late
Flag leaf glaucosity	strong
Ear glaucosity	medium to strong
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	parallel
Density	sparse to medium
Length (excluding awns)	medium
Awn length (compared to ear)	long to very long
Median spikelet - length of glume+awn of grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium to long
Curvature of first segment	very weak

LG MERMAID

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	lax to medium
Length	medium
Shape	tapering

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium
Curvature of first segment	weak to medium

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	weak to medium
Awn tips	medium to strong

Plant growth characters

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

MALVERN

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	medium
Length	medium
Shape	parallel

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium
Curvature of first segment	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	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	long
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	weak to medium
Awn tips	strong

Plant growth characters

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

Spring Barley

[AFP 2/3567]

NOLAN

CHARACTERS IN DETAIL

Grain

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	semi-erect to intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect to horizontal
Time of ear emergence	medium to late
Flag leaf glaucosity	strong
Ear glaucosity	strong
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	parallel
Density	medium
Length (excluding awns)	short to medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn cf grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium to long
Curvature of first segment	weak to medium

NOS GAMBIT

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	medium
Length	medium
Shape	tapering

Awn

Length compared to ear	medium to long
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Rachis

Length of first segment	medium to long
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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	long
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

NOS MUNRO

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	medium to long
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Rachis

Length of first segment	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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong to very strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

NOS TUCANA**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	semi-erect to intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect
Time of ear emergence	medium
Flag leaf glaucosity	strong
Ear glaucosity	strong
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	slightly tapering
Density	medium
Length (excluding awns)	short to medium
Awn length (compared to ear)	long to very long
Median spikelet - length of glume+awn of grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	short to medium
Curvature of first segment	very weak

OLSEN

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	medium to long
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Rachis

Length of first segment	medium to long
Curvature of first segment	weak to medium

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
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium to strong
Awn tips	strong

Plant growth characters

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

Variety Name: **Prospect**

Crop: Spring Barley

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:	Two
*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:	
*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 lodicles:	Clasping
*Seasonal type:	Spring
Extra characters:	

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

06 May 2020

PTARMIGAN**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	horizontal
Time of ear emergence	medium
Flag leaf glaucosity	strong
Ear glaucosity	medium
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	slightly tapering
Density	sparse to medium
Length (excluding awns)	medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn of grain	much longer

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium
Curvature of first segment	very weak

QUENCH**CHARACTERS IN DETAIL****Plant**

Growth habit	intermediate
Lower leaf sheath hairiness	absent
Flag leaf glaucosity	medium
Time of ear emergence	medium
Ear glaucosity	medium
Ear attitude (21 days after ear emergence)	semi-erect to horizontal
Length (stem, ears and awns)	medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	parallel
Density	lax
Length (excluding awns)	medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn cf grain	equal

Rachis

Length of first segment	short to medium
Curvature of first segment	weak to medium

Sterile Spikelet

Attitude	divergent
Development	full

Grain

Rachilla hair type	short
Husk (presence after harvest)	present
Spiculation of inner lateral nerves	absent or v. weak
Ventral furrow hairiness	absent
Disposition of lodicules	clasping
Aleurone colour	whitish

RGT ASTEROID

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	short to medium
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	medium to strong
Lemma nerves - at early dough	weak to medium
Awn tips	medium to strong

Plant growth characters

Plant - growth habit	intermediate to semi-prostrate
Plant - length	medium to long
Lower leaf - hairiness of sheaths	absent
Time of ear emergence	medium to late
Flag leaf - glaucosity of sheath	strong
Ear - glaucosity	medium to strong
Ear - attitude	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:	Two
*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 lodicles:	Clasping
*Seasonal type:	Spring
Extra characters:	

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

09 April 2015

RGT STARGAZER**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect
Time of ear emergence	medium
Flag leaf glaucosity	strong
Ear glaucosity	medium to strong
Ear attitude (21 days after ear emergence)	semi-erect
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	parallel
Density	medium
Length (excluding awns)	short to medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn of grain	slightly longer

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium
Curvature of first segment	weak

SIENNA

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	medium
Length	short
Shape	parallel

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	divergent
Sterile spikelet - development	full
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	weak
Awn tips	medium

Plant growth characters

Plant - growth habit	intermediate
Plant - length	short to medium
Lower leaf - hairiness of sheaths	absent
Time of ear emergence	medium to late
Flag leaf - glaucosity of sheath	medium to strong
Ear - glaucosity	medium
Ear - attitude 21 days after ear emerg.	erect to semi-erect

SHONA

CHARACTERS IN DETAIL

Grain

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect
Time of ear emergence	medium
Flag leaf glaucosity	medium to strong
Ear glaucosity	medium to strong
Ear attitude (21 days after ear emergence)	semi-erect to horizontal
Length (stem, ears and awns)	medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	slightly tapering
Density	medium
Length (excluding awns)	short to medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn of grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium
Curvature of first segment	weak

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	lax
Length	medium to long
Shape	tapering

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium
Curvature of first segment	medium

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	weak to medium
Awn tips	medium

Plant growth characters

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

SY ARROW**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	semi-erect to intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect to horizontal
Time of ear emergence	medium to late
Flag leaf glaucosity	medium to strong
Ear glaucosity	strong
Ear attitude (21 days after ear emergence)	semi-erect to horizontal
Length (stem, ears and awns)	medium to long

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	slightly tapering
Density	sparse
Length (excluding awns)	medium
Awn length (compared to ear)	long
Median spikelet - length of glume+awn cf grain	equal

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	medium to long
Curvature of first segment	very weak

SY SIGNET

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium to long
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of 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
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

SY SPLENDOR

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	lax
Length	medium to long
Shape	tapering to parallel

Awn

Length compared to ear	long to very long
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Rachis

Length of first segment	medium to long
Curvature of first segment	medium

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

Variety Name: **SY STANZA**

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 of 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:	
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 lodicules ("collar" type only):	
Grain- disposition of lodicules:	Clasping
*Seasonal type:	Spring
Extra characters:	

SY TENNYSON

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	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 of 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
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

SY TUNGSTEN

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	very lax to lax
Length	long
Shape	parallel

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium to long
Curvature of first segment	medium

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	long
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium
Awn tips	medium to strong

Plant growth characters

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

TRAILBLAZER**CHARACTERS IN DETAIL****Grain**

Aleurone colour	whitish
Rachilla hair type	short
Spiculation of inner lateral nerves	absent or very weak
Husk (presence after harvest)	husked
Ventral furrow hairiness	absent
Shape of lemma base	bevelled

Plant

Growth habit	intermediate
Green colour (at tillering)	medium
Lower leaf sheath hairiness	absent
Flag leaf attitude	semi-erect to horizontal
Time of ear emergence	medium to late
Flag leaf glaucosity	strong
Ear glaucosity	medium to strong
Ear attitude (21 days after ear emergence)	semi-erect to horizontal
Length (stem, ears and awns)	short to medium

Anthocyanin colouration

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

Ear

Number of rows	two
Shape	slightly tapering
Density	sparse to medium
Length (excluding awns)	medium to long
Awn length (compared to ear)	medium to long
Median spikelet - length of glume+awn cf grain	slightly longer

Sterile Spikelet

Development	none or rudimentary
Attitude	not applicable

Rachis

Length of first segment	short to medium
Curvature of first segment	weak

WESTMINSTER

CHARACTERS IN DETAIL

Ear

Number of rows	two
Density	medium
Length	medium
Shape	parallel

Awn

Length compared to ear	long (longer than ear)
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Rachis

Length of first segment	medium
Curvature of first segment	weak to medium

Spikelet

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

Grain

Kernel - colour of aleurone layer	whitish ("white")
Husk - presence after harvest	present
Spiculation of inner lateral nerves	medium (3-5 per nerve)
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping ("collar" type)

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	weak
Awn tips	medium

Plant growth characters

Plant - growth habit	intermediate to semi-prostrate
Plant - length	medium to long
Lower leaf - hairiness of sheaths	absent
Time of ear emergence	early to medium
Flag leaf - glaucosity of sheath	strong
Ear - glaucosity	weak to medium
Ear - attitude 21 days after ear emerg.	horizontal to semi-recurved

WINSTON

CHARACTERS IN DETAIL

Ear

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

Awn

Length compared to ear	long
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Rachis

Length of first segment	medium
Curvature of first segment	weak

Spikelet

Sterile spikelet - attitude	n/a
Sterile spikelet - development	none or rudimentary
Median spikelet - length of glume+awn of grain	equal

Grain

Kernel - colour of aleurone layer	whitish
Husk - presence after harvest	present
Spiculation of inner lateral nerves	absent or v. weak
Rachilla hair type	short
Ventral furrow - presence of hairs	absent
Disposition of lodicules	clasping

Anthocyanin colouration

Flag leaf - auricles	strong
Lemma nerves - at early dough	medium to strong
Awn tips	medium to strong

Plant growth characters

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