

## SPRING WHEAT

AFP 1/2095

# 5603HR

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short
Density	lax
Shape-side profile	tapering
Awns or scurs - presence	awns present
Awns or scurs - distribution	whole length
Awns or scurs - length	long to very long
Apical rachis segment - convex face hairiness	weak to medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium to long
Beak curvature	moderately curved
Shoulder width	narrow to medium
Shoulder shape	elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	dark to very dark

#### Straw

Length	medium
Wall thickness @20cms below ear	absent or very thin

#### Glaucosity

Flag leaf - sheath	weak
Flag leaf- blade (lower side)	very weak to weak
Culm - neck	weak
Ear	weak to medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	very strong
Plant - growth habit	erect to semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

## AMARETTO

### CHARACTERS IN DETAIL

#### Ear

Colour:	white
Length:	medium to long
Density:	medium
Shape (side profile)	tapering
Awns or scurs - presence:	scurs present
Awns or scurs - distribution:	
Awns or Scurs - length:	short to medium
Apical rachis segment - convex face hairiness:	medium
Anthers - anthocyanin	

#### Lower Glume

External surface roughness:	
Extent of internal hairs:	strong - group 3
Beak length:	very short
Beak shape (curvature):	slightly curved
Shoulder width	narrow to medium
Shoulder shape	straight

#### Lower Lemma

Beak shape:	slightly to moderately curved
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#### Grain

Colour	red
Colouration with phenol:	medium

#### Straw

Length:	medium
Wall thickness @ 20cms below ear:	medium to thick

#### Glaucosity

Flag leaf - sheath:	strong
Flag leaf - blade (lower side):	strong
Culm neck:	strong
Ear - Glaucosity:	strong

#### Plant growth characters

Coleoptile-anthocyanin	absent or very weak
Plant - growth habit:	intermediate
Time ear emergence:	medium
Flag leaf - Anthocyanin colouration of auricles:	absent or very weak

## SPRING WHEAT

AFP 1/1244

# ASHBY

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	short to medium
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium
Beak curvature	moderately curved
Shoulder width	narrow to medium
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly to moderately curved
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#### Grain

Colour	red
Colouration with phenol	medium

#### Straw

Length	short to medium
Wall thickness @20cms below ear	very thick or filled

#### Glaucosity

Flag leaf - sheath	very strong
Flag leaf- blade (lower side)	
Culm - neck	strong to very strong
Ear	strong to very strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak
Plant - growth habit	intermediate
Time of ear emergence	late
Flag leaf - anthocyanin of auricles	very weak

## SPRING WHEAT

AFP 1/1660

# AZURITE

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	
Extent of internal hairs	strong - Group 3
Beak length	short
Beak curvature	v.slightly curved
Shoulder width	narrow
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	light to medium

#### Straw

Length	short
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	medium to strong
Flag leaf- blade (lower side)	medium to strong
Culm - neck	strong
Ear	strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak
Plant - growth habit	semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1387

# BELVOIR

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	long to very long
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short to medium
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly to moderately curved
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#### Grain

Colour	red
Colouration with phenol	very dark

#### Straw

Length	medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	strong to very strong
Flag leaf- blade (lower side)	
Culm - neck	strong to very strong
Ear	strong to very strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	weak

## SPRING WHEAT

AFP 1/2091

# BONZER

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	long
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	medium to dark

#### Straw

Length	short to medium
Wall thickness @20cms below ear	very thick or filled

#### Glaucosity

Flag leaf - sheath	very weak to weak
Flag leaf- blade (lower side)	very weak to weak
Culm - neck	medium
Ear	medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	

## COBBER

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	medium to long
Apical rachis segment - convex face hairiness	strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short
Beak curvature	straight
Shoulder width	narrow
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	medium to dark

#### Straw

Length	short to medium
Wall thickness @20cms below ear	very thick or filled

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	strong
Culm - neck	medium to strong
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	intermediate
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

## DAFNE

### CHARACTERS IN DETAIL

#### Ear

Colour:	white
Length:	medium to long
Density:	lax to medium
Shape (side profile)	parallel sided
Awns or scurs - presence:	scurs present
Awns or scurs - distribution:	
Awns or Scurs - length:	short to medium short to medium
Apical rachis segment - convex face hairiness:	medium
Anthers - anthocyanin	

#### Lower Glume

External surface roughness:	
Extent of internal hairs:	medium to strong
Beak length:	very short to short
Beak shape (curvature):	straight to slightly curved
Shoulder width	medium to broad
Shoulder shape	slightly sloping to straight

#### Lower Lemma

Beak shape:

#### Grain

Colour	red
Colouration with phenol:	dark

#### Straw

Length:	medium to long
Wall thickness @ 20cms below ear:	thin

#### Glaucosity

Flag leaf - sheath:	strong
Flag leaf - blade (lower side):	medium to strong
Culm neck:	strong
Ear - Glaucosity:	strong

#### Plant growth characters

Coleoptile-anthocyanin	weak
Plant - growth habit:	semi-erect to intermediate
Time ear emergence:	medium
Flag leaf - Anthocyanin colouration of auricles:	



## SPRING WHEAT

AFP 1/2257

# EQUITY

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	short to medium
Apical rachis segment - convex face hairiness	weak to medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong
Beak length	short to medium
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	white
Colouration with phenol	medium to dark

#### Straw

Length	very short to short
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	medium
Culm - neck	medium to strong
Ear	strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	absent to weak
Plant - growth habit	semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1959

# GRAFFITI

## CHARACTERS IN DETAIL

### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	absent

### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium
Beak curvature	moderate to strongly curved
Shoulder width	narrow
Shoulder shape	elevated

### Lower lemma

Beak curvature	slightly curved
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### Grain

Colour	red
Colouration with phenol	dark

### Straw

Length	medium to long
Wall thickness @20cms below ear	very thick or filled

### Glaucosity

Flag leaf - sheath	very weak to weak
Flag leaf- blade (lower side)	very weak to weak
Culm - neck	very weak to weak
Ear	weak

### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1740

# GRANARY

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	long
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short to medium
Beak curvature	slightly curved
Shoulder width	narrow to medium
Shoulder shape	sl. sloping to straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	dark

#### Straw

Length	short to medium
Wall thickness @20cms below ear	very thick or filled

#### Glaucosity

Flag leaf - sheath	weak to medium
Flag leaf- blade (lower side)	weak to medium
Culm - neck	medium
Ear	medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak to medium
Plant - growth habit	semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2024

# KWS ALDERON

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short
Density	lax
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short
Beak curvature	slight to moderately curved
Shoulder width	narrow
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	dark to very dark

#### Straw

Length	short
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	strong
Culm - neck	strong
Ear	strong to very strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	absent or very weak
Plant - growth habit	semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2026

# KWS BITTERN

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	medium to long
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium to long
Beak curvature	slight to moderately curved
Shoulder width	narrow
Shoulder shape	sl. sloping to straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	medium

#### Straw

Length	medium to long
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	strong
Culm - neck	strong
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	strong
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	late
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2254

## KWS CHARING

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short
Density	lax
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	long
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong
Beak length	short to medium
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	white
Colouration with phenol	dark to very dark

#### Straw

Length	medium
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	weak
Flag leaf- blade (lower side)	very weak to weak
Culm - neck	very weak to weak
Ear	weak

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2253

## KWS COLLIER

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	medium to long
Apical rachis segment - convex face hairiness	weak to medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong
Beak length	short
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	straight to elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	white
Colouration with phenol	dark to very dark

#### Straw

Length	short to medium
Wall thickness @20cms below ear	absent or very thin

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	medium to strong
Culm - neck	strong
Ear	strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak
Plant - growth habit	semi-erect
Time of ear emergence	early to medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2094

# KWS FLINT

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short to medium
Beak curvature	v.slightly curved
Shoulder width	narrow
Shoulder shape	elevated

#### Lower lemma

Beak curvature	moderately curved
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#### Grain

Colour	red
Colouration with phenol	dark to very dark

#### Straw

Length	short
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	strong
Culm - neck	strong
Ear	strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	intermediate
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	



## SPRING WHEAT

AFP 1/2166

# KWS KILBURN

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	very lax to lax
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	very long
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short to medium
Beak curvature	slightly curved
Shoulder width	narrow to medium
Shoulder shape	elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	medium to dark

#### Straw

Length	medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	medium to strong
Flag leaf- blade (lower side)	medium
Culm - neck	medium
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	absent or very weak
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2093

# KWS RECOLETA

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	lax
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	long
Apical rachis segment - convex face hairiness	strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short
Beak curvature	v.slightly curved
Shoulder width	narrow to medium
Shoulder shape	straight

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	dark to very dark

#### Straw

Length	short to medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	medium to strong
Culm - neck	strong
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1965

# KWS TORRIDON

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	short to medium
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short to medium
Beak curvature	slight to moderately curved
Shoulder width	narrow to medium
Shoulder shape	elevated

#### Lower lemma

Beak curvature	moderately curved
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#### Grain

Colour	red
Colouration with phenol	dark

#### Straw

Length	short
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	strong to very strong
Flag leaf- blade (lower side)	medium to strong
Culm - neck	strong
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect
Time of ear emergence	early
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2165

## KWS VALE

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	lax to medium
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	short to medium
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium
Beak curvature	moderately curved
Shoulder width	narrow
Shoulder shape	elevated

#### Lower lemma

Beak curvature	moderately curved
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#### Grain

Colour	red
Colouration with phenol	dark

#### Straw

Length	medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	medium to strong
Flag leaf- blade (lower side)	medium
Culm - neck	medium
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	strong
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2167

# KWS WESTFIELD

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 3/4
Awns or scurs - length	long
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short to medium
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	elevated

#### Lower lemma

Beak curvature	moderately curved
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#### Grain

Colour	red
Colouration with phenol	medium to dark

#### Straw

Length	medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	medium to strong
Flag leaf- blade (lower side)	medium
Culm - neck	medium
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	absent to weak
Plant - growth habit	semi-erect
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1964

## KWS WILLOW

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	short to medium
Apical rachis segment - convex face hairiness	medium to strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short
Beak curvature	slight to moderately curved
Shoulder width	narrow
Shoulder shape	sl. sloping to straight

#### Lower lemma

Beak curvature	strongly curved
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#### Grain

Colour	red
Colouration with phenol	medium

#### Straw

Length	medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	weak to medium
Culm - neck	medium to strong
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	intermed. to semi-prostrate
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/2090

# LENNOX

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	weak to medium
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short
Beak curvature	straight
Shoulder width	narrow
Shoulder shape	elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	very dark

#### Straw

Length	short to medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	strong
Culm - neck	strong
Ear	strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1960

# MULIKA

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	strong
Anthers - anthocyanin colouration	

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium
Beak curvature	moderately curved
Shoulder width	narrow to medium
Shoulder shape	straight to elevated

#### Lower lemma

Beak curvature	strongly curved
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#### Grain

Colour	red
Colouration with phenol	dark

#### Straw

Length	short to medium
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	weak
Flag leaf- blade (lower side)	weak
Culm - neck	weak
Ear	weak to medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	



## SPRING WHEAT

AFP 1/1059

# PARAGON

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	long
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	short
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	medium to strong - Group 2+
Beak length	short
Beak curvature	v.slightly curved
Shoulder width	medium
Shoulder shape	sl. sloping to straight

#### Lower lemma

Beak curvature	straight to slightly curved
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#### Grain

Colour	red
Colouration with phenol	medium to dark

#### Straw

Length	medium
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	medium to strong
Flag leaf- blade (lower side)	
Culm - neck	medium to strong
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	very strong
Plant - growth habit	semi-erect
Time of ear emergence	late to very late
Flag leaf - anthocyanin of auricles	absent or very weak

## SPRING WHEAT

AFP 1/1117

# RAFFLES

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	short to medium
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	straight to elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	dark

#### Straw

Length	short
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	medium
Flag leaf- blade (lower side)	
Culm - neck	weak to medium
Ear	medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	very weak

## SPRING WHEAT

AFP 1/2256

## SLINKI

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	short to medium
Density	medium to dense
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	medium to long
Apical rachis segment - convex face hairiness	weak to medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong
Beak length	medium
Beak curvature	slight to moderately curved
Shoulder width	very narrow to narrow
Shoulder shape	straight

#### Lower lemma

Beak curvature	moderately curved
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#### Grain

Colour	white
Colouration with phenol	dark

#### Straw

Length	short
Wall thickness @20cms below ear	very thick or filled

#### Glaucosity

Flag leaf - sheath	weak
Flag leaf- blade (lower side)	weak
Culm - neck	weak to medium
Ear	medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1818

## SPARROW

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	long
Apical rachis segment - convex face hairiness	strong
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	slightly rough
Extent of internal hairs	strong - Group 3
Beak length	medium
Beak curvature	slightly curved
Shoulder width	narrow
Shoulder shape	elevated

#### Lower lemma

Beak curvature	straight
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#### Grain

Colour	
Colouration with phenol	medium to dark

#### Straw

Length	long
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	weak
Flag leaf- blade (lower side)	weak
Culm - neck	medium
Ear	medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	
Plant - growth habit	semi-erect
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1386

# TYBALT

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	medium
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	
Awns or scurs - length	short
Apical rachis segment - convex face hairiness	absent or very weak
Anthers - anthocyanin colouration	

#### Lower glume

External surface	
Extent of internal hairs	strong - Group 3
Beak length	short
Beak curvature	slightly curved
Shoulder width	medium
Shoulder shape	sl. sloping to straight

#### Lower lemma

Beak curvature	straight
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#### Grain

Colour	red
Colouration with phenol	medium

#### Straw

Length	short
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	
Culm - neck	medium to strong
Ear	medium to strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	weak
Plant - growth habit	semi-erect
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	

## SPRING WHEAT

AFP 1/1587

# ZIRCON

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax to medium
Shape-side profile	parallel sided
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/4
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	weak to medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	medium - Group 2
Beak length	short
Beak curvature	slightly curved
Shoulder width	medium
Shoulder shape	straight to elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	medium

#### Straw

Length	short to medium
Wall thickness @20cms below ear	medium

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	
Culm - neck	strong
Ear	strong

#### Plant growth characters

Coleoptile - anthocyanin colouration	
Plant - growth habit	intermediate
Time of ear emergence	medium to late
Flag leaf - anthocyanin of auricles	absent or very weak

## SPRING WHEAT

AFP 1/1963

## ZOLA

### CHARACTERS IN DETAIL

#### Ear

Colour	white
Length	medium
Density	lax
Shape-side profile	tapering
Awns or scurs - presence	scurs present
Awns or scurs - distribution	upper 1/2
Awns or scurs - length	medium
Apical rachis segment - convex face hairiness	medium
Anthers - anthocyanin colouration	absent

#### Lower glume

External surface	smooth
Extent of internal hairs	strong - Group 3
Beak length	medium
Beak curvature	strongly curved
Shoulder width	medium
Shoulder shape	straight to elevated

#### Lower lemma

Beak curvature	slightly curved
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#### Grain

Colour	red
Colouration with phenol	dark to very dark

#### Straw

Length	short
Wall thickness @20cms below ear	thin

#### Glaucosity

Flag leaf - sheath	strong
Flag leaf- blade (lower side)	strong
Culm - neck	medium
Ear	medium

#### Plant growth characters

Coleoptile - anthocyanin colouration	medium
Plant - growth habit	semi-erect to intermediate
Time of ear emergence	medium
Flag leaf - anthocyanin of auricles	