

SHEATH HAIRS ABSENT

2-ROW, HORDEUM DEFICIENS, RACHILLA HAIRS LONG & STRAIGHT, GLABRUM

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
CALIFORNIA	Absent	Medium	Long to very long Moderate curvature Hairs sparse	ILNS absent or present 1 - 2 per grain OLNS moderate Rachilla medium
KWS GIMLET (new 2019)	Absent	Medium	Long Strong curvature Hairs sparse	ILNS present 1 - 3 per grain OLNS numerous Rachilla medium

SHEATH HAIRS PRESENT

2-ROW, HORDEUM DEFICIENS, RACHILLA HAIRS LONG & STRAIGHT, GLABRUM

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
KWS CRESWELL	Absent	Weak	Long Strong curvature Hairs sparse to moderate	ILNS present 3 - 6 per grain OLNS numerous Rachilla short to medium
KWS INFINITY	Absent	Medium	Medium Moderate curvature Hairs moderate	ILNS present 1 - 3 per grain OLNS numerous Rachilla medium
KWS ORWELL	Absent to very weak	Weak	Long Moderate curvature Hairs numerous	ILNS present 3 - 6 per grain OLNS numerous Rachilla medium
KWS TOWER	Absent	Weak	Long Strong curvature Hairs sparse	ILNS present 3 - 6 per grain OLNS numerous Rachilla medium
SOBELL (new 2019)	Absent	Medium	Short to medium Moderate to strong curvature	ILNS absent
SURGE	Absent	Weak to medium	Medium Strong curvature Hairs sparse	ILNS absent or present 1 - 2 per grain OLNS numerous Rachilla medium Second rachis segment prominent

SHEATH HAIRS PRESENT**2-ROW, HORDEUM DEFICIENS, RACHILLA HAIRS LONG & STRAIGHT, GLABRUM**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
FLORENTINE	Medium	Absent to weak	Medium to long Moderate curvature Hairs sparse	ILNS absent or present 1 - 2 per grain OLNS numerous Rachilla medium
CRAFT	Strong	Medium to strong	Medium Strong curvature Hairs moderate	ILNS present > 10 per grain OLNS numerous Rachilla short to medium Second rachis segment prominent
SY VENTURE	Very strong	Medium	Medium to long Strong curvature Hairs sparse	ILNS present > 10 per grain OLNS numerous, rachilla short 2nd rachis segment prominent

SHEATH HAIRS PRESENT**2-ROW, HORDEUM DEFICIENS, RACHILLA HAIRS LONG & STRAIGHT, PILOSE**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
KWS CASSIA	Absent	Weak to medium	Short Slight curvature Hairs numerous	ILNS absent OLNS numerous Rachilla short
KWS GLACIER	Absent	Medium to strong	Medium to long Moderate to slight curvature Hairs sparse	ILNS absent or present 1 - 2 per grain OLNS numerous Rachilla medium to short
LG MOUNTAIN (new 2019)	Absent	Medium to strong	Medium Moderate to strong curvature Hairs sparse	ILNS absent OLNS numerous Rachilla short to medium
MEMENTO (new 2019)	Absent	Medium to strong	Medium to long Moderate curvature Hairs moderate	ILNS present 1 - 3 per grain OLNS numerous Rachilla short to medium

SHEATH HAIRS PRESENT**2-ROW, RACHILLA HAIRS LONG & STRAIGHT, GLABRUM**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
FLAGON	Absent	Medium to weak	Medium to short Slight curvature Hairs numerous	Sterile spikelet glume + awn length medium to long Sterile palea medium ILNS absent or present 1 - 2 per grain
PEARL (late maturing)	Medium to weak	Medium	Medium Moderate curvature Hairs numerous	Sterile spikelet glume + awn medium to long Sterile palea medium to short ILNS present 3 - 8 per grain
CASSATA	Medium to weak	Medium	Medium to short Slight to moderate curvature Hairs moderate	Sterile spikelet glume + awn length long Sterile palea short. 2nd rachis segment prominent. ILNS present > 10 per grain

SHEATH HAIRS PRESENT**6-ROW, RACHILLA HAIRS LONG & STRAIGHT, PILOSE
ILNS PRESENT > 10 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
FUNKY	Absent	Strong	Short to medium Moderate curvature Hairs absent	Median spikelet glume + awn c.f. grain longer

SHEATH HAIRS PRESENT**6-ROW, RACHILLA HAIRS LONG & STRAIGHT, GLABRUM
ILNS PRESENT > 10 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
KWS ASTAIRE (new 2019)	Absent	Strong	Medium to long Moderate to strong curvature Hairs moderate	Median spikelet glume + awn c.f. grain longer

BARLEY KEY ABBREVIATIONS

FRS	- First Rachis Segment
ILNS	- Inner Lateral Nerve Spicules
OLNS	- Outer Lateral Nerve Spicules
Occ.	- Occasional