

SHEATH HAIRS ABSENT**HORDEUM DEFICIENS, RACHILLA HAIRS LONG AND STRAIGHT, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
GARNER	Strong	Medium	Medium to short Slight curvature Hairs numerous	OLNS absent Rachilla medium
TESLA	Medium to strong	Medium to strong	Long Straight Hairs sparse	OLNS moderate Rachilla medium
EXPLORER	Medium to strong	Absent or very weak	Medium Moderate curvature	OLNS absent Rachilla long
KWS IRINA	Medium to strong	Medium to strong	Medium Moderate curvature Hairs moderate	OLNS moderate Rachilla medium to long
OVATION (new 2017)	Medium	Medium to strong	Medium Slight curvature Hairs numerous	OLNS moderate Rachilla medium
SCHOLAR	Weak to medium	Medium to strong	Medium Moderate to strong curvature Hairs absent	Second rachis segment prominent OLNS sparse Rachilla medium

SHEATH HAIRS ABSENT**HORDEUM DEFICIENS, RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
LAUREATE (new 2017)	Medium	Medium to strong	Long Moderate to strong curvature Hairs absent or very sparse	Second rachis segment prominent OLNS sparse to moderate Rachilla medium to long
OLYMPUS	Medium	Strong	Medium Slight curvature Hairs sparse	OLNS sparse Rachilla long to medium
RGT PLANET	Strong	Strong	Medium Moderate curvature Hairs moderate	OLNS sparse Rachilla medium
SANETTE	Strong	Strong	Medium Slight to moderate curvature Hairs sparse	Second rachis segment prominent OLNS moderate Rachilla medium

SHEATH HAIRS ABSENT**RACHILLA HAIRS LONG AND STRAIGHT, FRONTAL/LATERAL LODICULES**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
GOLDEN PROMISE	Medium	Strong	Short to medium Straight to slight curvature Hairs absent or very sparse	Awns shorter than ear Ear attitude erect

SHEATH HAIRS ABSENT**RACHILLA HAIRS LONG AND STRAIGHT, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
FAIRING (new 2017)	Medium to strong	Medium to strong	Medium to long Moderate to strong curvature Hairs numerous	Sterile spikelet glume + awn length medium Sterile palea medium Rachilla medium. OLNS moderate
KWS SASSY (new 2017)	Weak	Strong	Medium Straight Hairs moderate	Sterile spikelet glume + awn length medium to long Sterile palea medium Rachilla medium. OLNS moderate
WAGGON	Medium to strong	Weak to medium	Medium Moderate curvature Hairs numerous	Sterile spikelet glume + awn length short Sterile palea medium Rachilla medium to long. OLNS sparse

SHEATH HAIRS ABSENT**RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
HACKER	Medium	Medium	Medium to short Moderate curvature Hairs sparse	Sterile spikelet glume + awn length medium to long Sterile palea medium Rachilla medium to long. OLNS sparse
PROPINO	Weak	Medium to weak	Medium to short Slight curvature Hairs numerous	Sterile spikelet glume + awn length medium Sterile palea medium Rachilla medium. OLNS sparse

SHEATH HAIRS ABSENT**RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS MORE THAN 10 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
WESTMINSTER	Weak	Weak	Medium Slight curvature Hairs numerous	Sterile spikelet glume + awn length medium to long Sterile palea medium to long Rachilla long to medium. OLNS sparse to moderate

SHEATH HAIRS ABSENT**RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
BELGRAVIA	Medium	Medium to weak	Long Strong curvature Hairs moderate	Sterile spikelet glume + awn length short Sterile palea short Rachilla medium to long. OLNS sparse
CONCERTO	Weak to absent	Weak	Medium to long Moderate curvature Hairs sparse	Sterile spikelet glume + awn length medium Sterile palea medium Rachilla medium. OLNS sparse
CHRONICLE	Medium	Medium	Medium Moderate curvature Hairs moderate to sparse	Sterile spikelet glume + awn length medium to short Sterile palea medium Rachilla medium to long. OLNS sparse
SIENNA	Weak	Medium to strong	Medium Slight curvature Hairs moderate	Sterile spikelet glume + awn length medium to short Sterile palea medium Rachilla medium. OLNS sparse

SHEATH HAIRS ABSENT**RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
BRIONI	Medium to strong	Medium to strong	Medium to long Slight to moderate curvature Hairs sparse	Sterile spikelet glume + awn length long Sterile palea medium Rachilla medium to long. OLNS moderate
MOMENTUM	Weak	Medium to strong	Medium Moderate to slight curvature Hairs sparse	Sterile spikelet glume + awn length medium to long Sterile palea medium Rachilla medium. OLNS sparse
OCTAVIA	Medium	Medium	Medium Moderate curvature Hairs moderate	Sterile spikelet glume + awn length long Sterile palea medium Rachilla short. OLNS absent to sparse
ODYSSEY	Medium	Medium to strong	Medium to long Moderate curvature Hairs sparse to moderate	Sterile spikelet glume + awn length medium Sterile palea medium Rachilla medium to long. OLNS moderate
RHYNOCSTAR	Weak	Medium to strong	Medium to long Moderate curvature Hairs moderate to numerous	Sterile spikelet glume + awn length medium to long Sterile palea medium Rachilla long. OLNS moderate