

#### CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2022

VARIETY	Lower leaf	Leaf margin	Upper culm node	Three	Glume	Primary grain			Other features
and plant height	sheath hairs	hairs	hair		glaucosity				
				grained spikelets+			Lemma glaucosity	Basal Grain hairs	
WINTER OATS HUSKLESS (Nake	ed)	<u> </u>			<u> </u>	<u> </u>			
				5-6 grains per				lemma and palea rese	mble glumes in being soft
FUSION				spikelet typical	absent to very	absent or very		and papery; kernel (c	aryopsis) threshes free of
(short)	medium	medium	absent	(occ. More)	weak	weak	n/a	lemma and palea at m	naturity; <b>rachilla long</b> ,
				5-6 grains per				lemma and palea rese	mble glumes in being soft
GRAFTON				spikelet typical			absent or very	and papery; kernel (c	aryopsis) threshes free of
(short to medium)	medium	medium	absent	(occ. More)	very weak	weak	weak	lemma and palea at m	naturity; <b>rachilla short</b>
				5-6 grains per				lemma and palea rese	mble glumes in being soft
PELOTON		absent to very	Present	spikelet typical	weak to	weak to		and papery; kernel (c	aryopsis) threshes free of
(medium)	medium	weak	medium	(occ. More)	medium	medium	n/a	lemma and palea at m	naturity; <b>rachilla short</b>



### CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2022

VARIETY	Lower leaf	Leaf margin	Upper culm node	Three	Glume	Primary grain			Other features
and plant height	sheath hairs	hairs	hair		glaucosity				
				grained spikelets+		Awns+	Lemma glaucosity	Basal Grain hairs	
WINTER OATS									
HUSKED									
DALGUISE	weak to	weak to			medium to		absent or very	4-6 per side;	
(medium)	medium	medium	absent	absent to few	strong	weak	weak	short	
<b>GERALD</b> (short to medium)	medium	strong	absent	absent to very few	absent or very weak	weak	absent	4-6 per side; short-medium	late to very late panicle emergence; panicle usually medium to large
<b>GRIFFIN</b> (medium to tall)	very weak	very weak to weak	<b>Present</b> medium to strong	absent to rare	occasional to few; medium	absent to very weak	long	If present 1-3 per side; (variable) medium to long length	YELLOW GRAIN.
MASCANI	very weak	weak	Present		weak to	weak	long absent or very	lengui	TELLOW ORAIN.
(medium)	weak	weak	medium	absent or very few	medium	weak	weak	absent	YELLOW GRAIN.
PENROSE		weak to				occasional to			
(tall)	strong	medium	Present medium	rare to occasional	weak	few; weak	weak	absent or very weak	
	strong	absent or very weak	absent	No data	medium to strong	weak to medium	absent or very weak	medium	early to medium panicle emergence
RGT SOUTHWARK (medium)	weak	very weak to weak	<b>Present</b> weak	No data	weak to medium	weak	absent or very weak	medium length	



## CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2022

VARIETY and plant height	8	Upper culm node hair		Glume glaucosity	Primary grain		Other features	
			grained spikelets+		Awns+	Lemma glaucosity	Basal Grain hairs	

#### SPRING OATS

HUSKLESS (Naked)

KAMIL (no data)	absent or very weak	absent or very weak	absent	numerous	medium	No data	n/a	
<b>LENNON</b> (short to medium)	absent	very weak to weak	absent	numerous	weak to medium	absent to very weak	n/a	lemma and palea resemble glumes in being soft and papery; kernel (caryopsis) threshes free of lemma and palea at maturity
<b>OLIVER</b> (medium)	absent or very weak	absent or very weak	absent	numerous	No data	absent to very weak	n/a	



## CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2022

VARIETY	Lower leaf	Leaf margin	Upper culm node	Three	Glume	Primary grain			Other features
and plant height	sheath hairs	hairs	hair		glaucosity				
				grained spikelets+		Awns+	Lemma	Basal Grain hairs	
							glaucosity		
SPRING OATS									
HUSKED									
ACDEN		abcont to your					abcont on your		YELLOW GRAIN.
ASPEN	ahaant	absent to very	ahaant	No data			absent or very		
(short to medium) CANYON	absent	weak	absent	No data	medium	very weak	weak	medium length	glume length medium YELLOW GRAIN.
	-1	absent to very	-1	N. I.C.	1-	absent or very		1	
(medium to tall)	absent	weak	absent	No data	weak	weak	very weak	short	glume length medium
CONWAY					weak to	weak to	absent or very	absent to very weak;	
(medium)	weak	medium	absent	No data	medium	medium	weak	medium	
								abundance weak;	
DELFIN	absent or very	absent or very				absent or very		short to medium	
(no data)	weak	weak	No data	No data	No data	weak	No data	length	YELLOW GRAIN
ELISON		absent to very		rare;	absent or very	absent or very	absent or very	very weak to weak;	
(medium)	absent	weak	absent	occasional	weak	weak	weak	very to short length	YELLOW GRAIN
FIRTH	absent	very weak to	absent	occasional	weak to	absent or very	weak	very to short length	
	weak	weak	absent	absent to few	medium	weak	absent	short	
	absent or very	absent or very	absent	absent to rew	meann	very weak to	absent	511011	
to long)	weak	weak	absent	No data	strong	weak	weak	very short length	
10 10115)	weak	weak			suong	weak	weak	very short length	
								very weak to weak;	
MERLIN		absent to very			medium to			short to medium	
(short to medium)	absent	weak	absent	No data	strong	weak	weak	length	



#### NIAB COPYRIGHT CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2022

VARIETY and plant height	Lower leaf sheath hairs	Leaf margin hairs	Upper culm node hair		Glume glaucosity	Primary grain			Other features
				grained spikelets+	g	Awns+	Lemma glaucosity	Basal Grain hairs	
RGT VAUGHAN (medium to long)	weak	weak to medium	absent	No data	very weak	absent or very weak	2	weak to medium; medium length	
WPB ELYANN (short to medium)	absent	absent to very weak	absent	No data	weak	absent or very weak	weak to medium	medium length	
WPB ISABEL (tall)	weak	weak	absent	Rare; occasional	weak	absent or very weak		absent to rare; if present 1-2 per side, short length	
	absent or very weak	absent to very weak	absent	No data	strong	rare to occasional; weak to med	2	absent or very weak; short length	YELLOW GRAIN

<sup>†</sup> The presence of three grained spikelets and awns is dependent on the growing season

NOTE: the following characters are often shown by SPRING varieties; Spikelets often three-grained - in apex at least, basal hair often sparse