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CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2023

CEREAL CROT HOTECTORD GUIDE TO GAT FIELD CHARACTERS 2025										
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			
							.,			
WINTER OATS										
HUSKLESS (Nake	ed)									
				5-6 grains per				lemma and palea rese	emble glumes in being soft	
FUSION				spikelet typical	absent to very	absent or very		and papery; kernel (c	aryopsis) threshes free of	

HUSKLESS (Nake	TUSKLESS (Naked)									
				5-6 grains per				lemma and palea resemble glumes in being soft		
FUSION				spikelet typical	absent to very	absent or very		and papery; kernel (caryopsis) threshes free of		
(short)	medium	medium	absent	(occ. More)	weak	weak	n/a	lemma and palea at maturity; rachilla long,		
				5-6 grains per				lemma and palea resemble glumes in being soft		
GRAFTON				spikelet typical				and papery; kernel (caryopsis) threshes free of		
(short to medium)	medium	medium	absent	(occ. More)	very weak	weak	n/a	lemma and palea at maturity; rachilla short		
				5-6 grains per				lemma and palea resemble glumes in being soft		
PELOTON		absent to very	Present	spikelet typical	weak to	weak to		and papery; kernel (caryopsis) threshes free of		
(medium)	medium	weak	medium	(occ. More)	medium	medium	n/a	lemma and palea at maturity; rachilla short		

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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				
WINTER OATS											
HUSKED											
CROMWELL											
(very short to			Present			very weak to	absent or very	very weak to weak;			
short)	weak	weak	weak	No data	weak			short			
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			

GERALD (short to medium) medium strong absent absent to very few weak absent short-medium usually medium to large Itate to very late panicle emergence; panicle usually medium to large If present 1-3 per

					occasional to			side; (variable)	
GRIFFIN		very weak to	Present medium		few;	absent to very		medium to long	
(medium to tall)	very weak	weak	to strong	absent to rare	medium	weak	long	length	YELLOW GRAIN.
MASCANI			Present		weak to		absent or very		
(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	

]	RGT LINEOUT		absent or very	ļ		medium to	weak to	absent or very		early to medium panicle
(short to medium)	strong	weak	absent	absent to rare	strong	medium	weak	medium	emergence
]	RGT			1						
5	SOUTHWARK		very weak to	Present		weak to		absent or very		
(medium)	weak	weak	weak	absent to rare	medium	weak	weak	medium length	

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

SPRING OATS

HUSKLESS (Naked)

TIODICEEDS (TAKE	/		T				T	
KAMIL (no data)		absent or very weak	absent	numerous	medium	No data	n/a	
LENNON (short to medium)	_	very weak to weak	absent		4.	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
OLIVER (medium)		absent or very weak	absent	numerous		absent to very weak	n/a	·

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CEREAL CROP									
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		_	_	1		_		T	
									TIET T OWY OR A DV
ASPEN		absent to very					absent or very		YELLOW GRAIN.
(short to medium)	absent	weak	absent	occasional	medium	very weak	weak	medium length	glume length medium
CANYON		absent to very				absent or very			YELLOW GRAIN.
(medium to tall)	absent	weak	absent	rare, occasional	weak	weak	very weak	short	glume length medium

weak to

medium

weak to

medium

absent or very absent to very weak;

medium

weak

abundance weak; DELFIN absent or very absent or very very weak to short to medium absent or very (no data) YELLOW GRAIN weak weak absent rare, occasional No data weak weak length

FIRTH		very weak to			weak to	absent or very			
(medium to long)	weak	weak	absent	absent to few	medium	weak	absent	short	
LION (medium	absent or very	absent or very				very weak to			
to long)	weak	weak	absent	No data	strong	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	

occasional

(short to medium)	absent	weak	absent	No data	strong	weak	weak	length
RGT VAUGHAN		weak to				absent or very	absent or very	weak to medium;
(medium to long)	weak	medium	absent	No data	very weak	weak	weak	medium length

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CONWAY

weak

medium

absent

(medium)



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VARIETY and plant height	Lower leaf sheath hairs	Leaf margin hairs	Upper culm node hair		Glume glaucosity	Primary grain			Other features
				grained spikelets+		Awns+	Lemma glaucosity	Basal Grain hairs	
WPB ELYANN (short to medium)		absent to very weak	absent	rare, occasional	_	absent or very	weak to medium	medium length	
(SHOIT to medium)	absent	weak	aosent	rare, occasional	weak	weak	mearum	absent to rare;	
WPB ISABEL						absent or very	short to	if present 1-2 per	
(tall)	weak	weak	absent	rare, occasional	weak	weak	medium	side, short length	
						rare to			
YUKON	absent or very	absent to very		occasional to		occasional;	absent or very	absent or very weak;	
(medium to tall)	weak	weak	absent	numerous	strong	weak to med	weak	short length	YELLOW GRAIN

[†] 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

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