

NAKED**LOWER LEAF MARGIN HAIRS PRESENT**

VARIETY NAME	UPPERMOST NODE HAIRS	GLUME GLAUCOSITY	OTHER FEATURES
FUSION (Winter)	Absent	Absent	Panicle type sub-equilateral Frequent awns Medium panicle. Dwarf plant.
GRAFTON (Winter)	Absent	Absent to weak	Panicle type equilateral Frequent awns Medium panicle
PELETON (Winter) (new 2019)	Present	Medium	Panicle type equilateral Frequent awns Long panicle

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VARIETY NAME	GRAIN GLAUCOSITY	BASAL HAIR FREQUENCY/ ABUNDANCE/LENGTH	GLUME GLAUCOSITY	OTHER FEATURES
BALADO (Winter)	Absent or present, very weak	Very frequent Numerous Long	Absent or very weak	Panicle type sub-equilateral Frequency of awns rare Medium grain and glume. Dwarf plant.
DALGUISE (Winter)	Absent	Moderate Numerous Medium	Medium to strong	Panicle type sub-equilateral Lower leaf margin hairs sparse to moderate Frequency of awns medium Medium grain, long glume
GERALD (Winter)	Absent	Very frequent Numerous Medium	Medium	Panicle type equilateral Lower leaf margin hairs numerous Frequency of awns rare Medium to long grain, long glume
RGT LINEOUT (Winter)	Absent	Frequent Numerous Medium	Medium to strong	Panicle type equilateral Very frequent awns Medium grain and glume <i>* Lower leaf margin hairs absent or present, very sparse</i>

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VODKA (Winter)	Absent	Frequent Sparse to moderate Medium	Weak to medium	Panicle type equilateral Lower leaf margin hairs sparse Frequency of awns rare Short to medium grain and medium glume. Wide grain.
CONWAY	Absent	Rare Sparse to moderate Medium	Medium	Panicle type sub-equilateral Lower leaf margin hairs sparse to moderate Frequency of awns rare Short to medium grain and medium glume
FIRTH	Absent or present, very weak	Rare Sparse Short	Medium	Panicle type equilateral Lower leaf margin hairs sparse to moderate Frequency of awns absent or very rare Short grain, medium glume
MONTROSE	Strong	Absent or very rare Sparse Medium	Strong	Panicle type sub-equilateral Lower leaf margin hairs moderate Frequency of awns medium Medium grain and glume

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CORACLE (Winter)	Absent	Rare Sparse Medium	Weak	Panicle type sub-equilateral Lower leaf margin hairs sparse to moderate Frequent awns Long grain and glume
MASCANI (Winter)	Absent or present, very weak	Absent	Weak to medium	Panicle type equilateral Lower leaf margin hairs moderate Frequency of awns rare Medium to long grain and glume
RGT SOUTHWARK (Winter) (new 2019)	Absent	Frequent Moderate Medium	Medium	Panicle type sub-equilateral Lower leaf margin hairs sparse Very frequent awns Medium grain and glume
SPURTLE (new 2019)	Absent or present, very weak	Absent or very rare Absent or very sparse Medium	Weak to medium	Panicle type equilateral Frequency of awns rare Short grain and medium glume <i>* Lower leaf margin hairs absent or present, very sparse</i>

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CANYON	Very weak	Frequent Sparse to moderate Short	Weak	Panicle type sub-equilateral Frequency of awns absent or very rare Medium grain and glume <i>* Lower leaf margin hairs absent or present, very sparse</i>
DELFIN (new 2019)	Absent or present, very weak	Sparse Short to medium	Medium	Frequency of awns absent or very rare Medium grain and glume <i>* Lower leaf margin hairs absent or present, very sparse</i>
WPB ELYANN	Medium	Absent or very rare Sparse Medium	Weak	Panicle type equilateral Frequency of awns absent or very rare Medium grain, medium to long glume <i>* Lower leaf margin hairs absent or present, very sparse</i>
YUKON	Absent	Frequent Very sparse to sparse Short	Strong	Panicle type sub-equilateral Frequent awns Short to medium grain and glume <i>* Lower leaf margin hairs absent or present, very sparse</i>

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ASPEN	Absent or present, very weak	Frequent Moderate Medium	Weak to medium	Panicle type sub-equilateral Frequency of awns absent or very rare Medium grain and glume
ELISON (new 2019)	Absent	Moderate Sparse Short to medium	Medium	Panicle type sub-equilateral Frequency of awns absent or very rare Short grain, medium glume

WILD & CULTIVATED OAT COMPARISONS
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	BASE	HAIRS	AWNS	COLOUR
<i>Avena sativa</i> (common oat)	1° fracture 2° fracture	Possibly hairs on lemma but unlikely	Usually absent. Where present, weak to moderate	Yellow / white occasionally grey/ black
Fatuoid oat	1° horseshoe 2° horseshoe	Possibly hairs on lemma but unlikely	Strong geniculate awns on 1° and 2° grains	Similar in colour to oat variety in which found
<i>Avena fatua</i> (spring wild oat)	1° horseshoe 2° horseshoe	Hairs present	Strong geniculate awns on 1° and 2° grains	Grey/ Brown occasionally yellow
<i>Avena ludoviciana</i> (winter wild oat)	1° horseshoe 2° fracture, peg on 2°	More hairy than <i>A. fatua</i>	Strong geniculate awns on 1° and 2° grains	Darker than <i>A. fatua</i>
<i>Avena strigosa</i> (small oat, bristle oat)	1° fracture 2° fracture	Possibly hairs on lemma	Strong geniculate awns on 1° and 2° grains	Yellow / grey

1° = primary grain

2° = secondary grain