

WINTER OATS

AFP 3/321

BALADO

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude horizontal

Spikelets

Attitude pendulous
Frequency of 3-grain spikelets absent

Awns

Abundance absent or very weak

Glumes

Length medium
Glaucosity absent or very weak

Primary Grain

Husk present
Lemma - glaucosity - intensity absent or very weak
Lemma - colour white
Lemma - length medium to long
Lemma - hairiness of back n/a
Basal hairs - length medium
Rachilla - length medium

Culm

Upper culm node hairs - presence absent
Upper culm node hairs - intensity n/a

Plant growth characters

Plant - growth habit semi-erect
Lower leaves - hairiness of sheaths medium to strong
Leaf blade - hairiness of leaf margin below flag medium
Plant - height (stem and panicle) medium
Time of panicle emergence medium

WINTER OATS

AFP 3/330

BASTION

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	semi-erect to horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	medium
-----------	--------

Glumes

Length	medium
Glaucosity	weak

Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	n/a
Lemma - colour	n/a
Lemma - length	n/a
Lemma - hairiness of back	n/a
Basal hairs - length	n/a
Rachilla - length	medium

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

Plant growth characters

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	weak
Leaf blade - hairiness of leaf margin below flag	weak to medium
Plant - height (stem and panicle)	medium
Time of panicle emergence	early to medium

WINTER OATS

AFP 3/345

BEACON

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude semi-erect

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance medium

Glumes

Length medium to long
Glaucosity weak

Primary Grain

Husk absent (naked type)
Lemma - glaucosity - intensity n/a
Lemma - colour n/a
Lemma - length n/a
Lemma - hairiness of back n/a
Basal hairs - length n/a
Rachilla - length medium to long

Culm

Upper culm node hairs - presence present
Upper culm node hairs - intensity strong

Plant growth characters

Plant - growth habit semi-erect
Lower leaves - hairiness of sheaths weak to medium
Leaf blade - hairiness of leaf margin below flag weak to medium
Plant - height (stem and panicle) medium to long
Time of panicle emergence medium

WINTER OATS

AFP 3/305

BROCHAN

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude horizontal

Spikelets

Attitude
Frequency of 3-grain spikelets absent

Awns

Abundance very weak

Glumes

Length medium to long
Glaucosity strong

Primary Grain

Husk present
Lemma - glaucosity - intensity very weak
Lemma - colour white
Lemma - length short to medium
Lemma - hairiness of back absent
Basal hairs - length short-medium
Rachilla - length short to medium

Culm

Upper culm node hairs - presence present
Upper culm node hairs - intensity strong

Plant growth characters

Plant - growth habit semi-erect to intermediate
Lower leaves - hairiness of sheaths medium
Leaf blade - hairiness of leaf margin below flag medium
Plant - height (stem and panicle) very short
Time of panicle emergence late to very late

WINTER OATS

AFP 3/283

DALGUISE

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude horizontal

Spikelets

Attitude
Frequency of 3-grain spikelets absent to few

Awns

Abundance weak

Glumes

Length medium
Glaucosity medium to strong

Primary Grain

Husk present
Lemma - glaucosity - intensity absent or very weak
Lemma - colour white
Lemma - length medium
Lemma - hairiness of back absent
Basal hairs - length short
Rachilla - length medium to long

Culm

Upper culm node hairs - presence absent
Upper culm node hairs - intensity

Plant growth characters

Plant - growth habit semi-erect
Lower leaves - hairiness of sheaths weak to medium
Leaf blade - hairiness of leaf margin below flag weak to medium
Plant - height (stem and panicle) medium
Time of panicle emergence early to medium

WINTER OATS

AFP 3/354

ELGAR

CHARACTERS IN DETAIL

Panicle

Type
Branch Attitude semi-erect

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance very weak

Glumes

Length medium
Glaucosity medium to strong

Primary Grain

Husk present
Lemma - glaucosity - intensity absent or very weak
Lemma - colour yellow
Lemma - length medium
Lemma - hairiness of back absent
Basal hairs - length n/a
Rachilla - length medium

Culm

Upper culm node hairs - presence present
Upper culm node hairs - intensity medium

Plant growth characters

Plant - growth habit semi-erect to intermediate
Lower leaves - hairiness of sheaths weak to medium
Leaf blade - hairiness of leaf margin below flag absent or very weak
Plant - height (stem and panicle) medium to long
Time of panicle emergence early to medium

EXPRESSION**CHARACTERS IN DETAIL****Panicle**

Type	equilateral
Branch Attitude	drooping

Spikelets

Attitude	
Frequency of 3-grain spikelets	medium

Awns

Abundance	very weak
-----------	-----------

Glumes

Length	long
Glaucosity	weak to medium

Primary Grain

Husk	
Lemma - glaucosity - intensity	
Lemma - colour	
Lemma - length	long
Lemma - hairiness of back	absent
Basal hairs - length	
Rachilla - length	long

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	

Plant growth characters

Plant - growth habit	intermediate
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	medium
Plant - height (stem and panicle)	medium
Time of panicle emergence	early

WINTER OATS

AFP 3/365

FERGUS

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude semi-erect

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance very weak

Glumes

Length medium
Glaucosity medium to strong

Primary Grain

Husk present
Lemma - glaucosity - intensity absent or very weak
Lemma - colour yellow
Lemma - length medium
Lemma - hairiness of back absent
Basal hairs - length medium-long
Rachilla - length medium

Culm

Upper culm node hairs - presence present
Upper culm node hairs - intensity medium

Plant growth characters

Plant - growth habit semi-erect to intermediate
Lower leaves - hairiness of sheaths medium
Leaf blade - hairiness of leaf margin below flag absent or very weak
Plant - height (stem and panicle) short
Time of panicle emergence medium

WINTER OATS

AFP 3/320

FUSION

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude horizontal

Spikelets

Attitude pendulous
Frequency of 3-grain spikelets occasional

Awns

Abundance absent or very weak

Glumes

Length medium to long
Glaucosity absent or very weak

Primary Grain

Husk absent (naked type)
Lemma - glaucosity - intensity n/a
Lemma - colour n/a
Lemma - length n/a
Lemma - hairiness of back n/a
Basal hairs - length n/a
Rachilla - length long

Culm

Upper culm node hairs - presence absent
Upper culm node hairs - intensity n/a

Plant growth characters

Plant - growth habit semi-erect to intermediate
Lower leaves - hairiness of sheaths medium
Leaf blade - hairiness of leaf margin below flag medium
Plant - height (stem and panicle) short
Time of panicle emergence medium

WINTER OATS

AFP 3/188

GERALD

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude horizontal to drooping

Spikelets

Attitude
Frequency of 3-grain spikelets absent or very few

Awns

Abundance weak

Glumes

Length medium
Glaucosity absent or very weak

Primary Grain

Husk present
Lemma - glaucosity – intensity absent
Lemma - colour white
Lemma - length medium to long
Lemma - hairiness of back absent
Basal hairs - length short-medium
Rachilla - length medium

Culm

Upper culm node hairs - presence absent
Upper culm node hairs - intensity

Plant growth characters

Plant - growth habit intermediate
Lower leaves - hairiness of sheaths medium
Leaf blade - hairiness of leaf margin below flag strong
Plant - height (stem and panicle) short to medium
Time of panicle emergence late to very late

WINTER OATS

AFP 3/257

GRAFTON

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	drooping

Spikelets

Attitude	
Frequency of 3-grain spikelets	numerous

Awns

Abundance	weak
-----------	------

Glumes

Length	short to medium
Glaucosity	very weak

Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	
Rachilla - length	short

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs – intensity	n/a

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Lower leaves - hairiness of sheaths	medium
Leaf blade - hairiness of leaf margin below flag	medium
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	early to medium

GRIFFIN**CHARACTERS IN DETAIL****Panicle**

Type	
Branch Attitude	semi-erect to horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak
-----------	------

Glumes

Length	medium
Glaucosity	weak to medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	yellow
Lemma - length	medium to long
Lemma - hairiness of back	n/a
Basal hairs - length	medium-long
Rachilla - length	medium

Culm

Upper culm node hairs - presence	present
Upper culm node hairs - intensity	medium to strong

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Lower leaves - hairiness of sheaths	very weak
Leaf blade - hairiness of leaf margin below flag	very weak to weak
Plant - height (stem and panicle)	medium to long
Time of panicle emergence	late

WINTER OATS

AFP 3/280

HENDON

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	horizontal to drooping

Spikelets

Attitude	
Frequency of 3-grain spikelets	very numerous

Awns

Abundance	very weak
-----------	-----------

Glumes

Length	medium
Glaucosity	very weak

Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	medium
Lemma - colour	white
Lemma - length	long
Lemma - hairiness of back	absent
Basal hairs - length	n/a
Rachilla - length	long

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

Plant growth characters

Plant - growth habit	intermediate
Lower leaves - hairiness of sheaths	very weak
Leaf blade - hairiness of leaf margin below flag	medium to strong
Plant - height (stem and panicle)	very short
Time of panicle emergence	medium to late

CHARACTERS IN DETAIL**Panicle**

Type	equilateral
Branch Attitude	drooping

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	medium to strong
-----------	------------------

Glumes

Length	medium
Glaucosity	absent or very weak

Primary Grain

Husk	present
Lemma - glaucosity - intensity	
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	short-medium
Rachilla - length	medium

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	

Plant growth characters

Plant - growth habit	intermediate to semi-prostrate
Lower leaves - hairiness of sheaths	medium
Leaf blade - hairiness of leaf margin below flag	medium
Plant - height (stem and panicle)	short
Time of panicle emergence	medium to late

KINROSS**CHARACTERS IN DETAIL****Panicle**

Type	equilateral
Branch Attitude	horizontal to drooping

Spikelets

Attitude	
Frequency of 3-grain spikelets	absent to few

Awns

Abundance	weak to medium
-----------	----------------

Glumes

Length	medium
Glaucosity	weak to medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	medium to long
Lemma - hairiness of back	absent
Basal hairs - length	short
Rachilla - length	short to medium

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

Plant growth characters

Plant - growth habit	intermediate
Lower leaves - hairiness of sheaths	weak
Leaf blade - hairiness of leaf margin below flag	medium to strong
Plant - height (stem and panicle)	long
Time of panicle emergence	medium

MAESTRO**CHARACTERS IN DETAIL****Panicle**

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	very weak
-----------	-----------

Glumes

Length	short to medium
Glaucosity	weak to medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	short
Lemma - hairiness of back	absent
Basal hairs - length	short-medium
Rachilla - length	medium

Culm

Upper culm node hairs - presence	present
Upper culm node hairs - intensity	medium

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Lower leaves - hairiness of sheaths	weak to medium
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	short
Time of panicle emergence	early to medium

WINTER OATS

AFP 3/293

MASCANI

CHARACTERS IN DETAIL

Panicle

Type	equilateral
Branch Attitude	horizontal to drooping

Spikelets

Attitude	
Frequency of 3-grain spikelets	absent or very few

Awns

Abundance	weak
-----------	------

Glumes

Length	medium
Glaucosity	weak to medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	yellow
Lemma - length	medium to long
Lemma - hairiness of back	absent
Basal hairs - length	
Rachilla - length	medium

Culm

Upper culm node hairs - presence	present
Upper culm node hairs - intensity	medium

Plant growth characters

Plant - growth habit	intermediate
Lower leaves - hairiness of sheaths	weak
Leaf blade - hairiness of leaf margin below flag	weak
Plant - height (stem and panicle)	medium
Time of panicle emergence	medium

WINTER OATS

AFP 3/339

MASON

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude semi-erect to horizontal

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance strong

Glumes

Length medium to long
Glaucosity medium

Primary Grain

Husk absent (naked type)
Lemma - glaucosity - intensity n/a
Lemma - colour n/a
Lemma - length n/a
Lemma - hairiness of back n/a
Basal hairs - length n/a
Rachilla - length medium to long

Culm

Upper culm node hairs - presence absent
Upper culm node hairs - intensity n/a

Plant growth characters

Plant - growth habit semi-erect
Lower leaves - hairiness of sheaths medium
Leaf blade - hairiness of leaf margin below flag weak to medium
Plant - height (stem and panicle) short to medium
Time of panicle emergence late

MILLENNIUM**CHARACTERS IN DETAIL****Panicle**

Type	equilateral
Branch Attitude	drooping

Spikelets

Attitude	
Frequency of 3-grain spikelets	few

Awns

Abundance	weak
-----------	------

Glumes

Length	long
Glaucosity	medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	yellow
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	medium
Rachilla - length	short to medium

Culm

Upper culm node hairs - presence	present
Upper culm node hairs - intensity	medium to strong

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Lower leaves - hairiness of sheaths	weak
Leaf blade - hairiness of leaf margin below flag	weak
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	medium to late

PELTON**CHARACTERS IN DETAIL****Panicle**

Type	
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak to medium
-----------	----------------

Glumes

Length	medium
Glaucosity	weak to medium

Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	n/a
Lemma - colour	n/a
Lemma - length	n/a
Lemma - hairiness of back	absent
Basal hairs - length	n/a
Rachilla - length	short

Culm

Upper culm node hairs - presence	present
Upper culm node hairs - intensity	medium

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Lower leaves - hairiness of sheaths	medium
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	medium
Time of panicle emergence	late

RACOON**CHARACTERS IN DETAIL****Panicle**

Type	equilateral
Branch Attitude	horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	very weak
-----------	-----------

Glumes

Length	medium
Glaucosity	weak to medium

Primary Grain

Husk	absent (naked type)
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	
Rachilla - length	long

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	very weak

Plant growth characters

Plant - growth habit	semi-erect to intermediate
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	long
Time of panicle emergence	late

RGT LINEOUT**CHARACTERS IN DETAIL****Panicle**

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak to medium
-----------	----------------

Glumes

Length	medium
Glaucosity	medium to strong

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	medium
Rachilla - length	medium

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

Plant growth characters

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	strong
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	early to medium

RGT VICTORIOUS**CHARACTERS IN DETAIL****Panicle**

Type	
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	very weak
-----------	-----------

Glumes

Length	short to medium
Glaucosity	weak to medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	short
Lemma - hairiness of back	n/a
Basal hairs - length	short-medium
Rachilla - length	medium

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

Plant growth characters

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	absent
Leaf blade - hairiness of leaf margin below flag	absent or very weak
Plant - height (stem and panicle)	medium
Time of panicle emergence	medium

WINTER OATS

AFP 3/344

RHAPSODY

CHARACTERS IN DETAIL

Panicle

Type equilateral
Branch Attitude semi-erect

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance weak

Glumes

Length medium
Glaucosity weak to medium

Primary Grain

Husk present
Lemma - glaucosity - intensity absent or very weak
Lemma - colour yellow
Lemma - length medium to long
Lemma - hairiness of back absent
Basal hairs - length n/a
Rachilla - length medium

Culm

Upper culm node hairs - presence absent
Upper culm node hairs - intensity n/a

Plant growth characters

Plant - growth habit semi-erect
Lower leaves - hairiness of sheaths weak
Leaf blade - hairiness of leaf margin below flag very weak to weak
Plant - height (stem and panicle) medium to long
Time of panicle emergence medium to late

WINTER OATS

AFP 3/353

SELWYN

CHARACTERS IN DETAIL

Panicle

Type
Branch Attitude semi-erect

Spikelets

Attitude
Frequency of 3-grain spikelets

Awns

Abundance weak to medium

Glumes

Length medium
Glaucosity medium to strong

Primary Grain

Husk present
Lemma - glaucosity - intensity weak
Lemma - colour white
Lemma - length medium
Lemma - hairiness of back absent
Basal hairs - length medium
Rachilla - length medium

Culm

Upper culm node hairs - presence present
Upper culm node hairs - intensity weak

Plant growth characters

Plant - growth habit semi-erect
Lower leaves - hairiness of sheaths weak to medium
Leaf blade - hairiness of leaf margin below flag absent or very weak
Plant - height (stem and panicle) medium to long
Time of panicle emergence medium

TARDIS**CHARACTERS IN DETAIL****Panicle**

Type	equilateral
Branch Attitude	semi-erect

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	very weak
-----------	-----------

Glumes

Length	short to medium
Glaucosity	medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	weak
Lemma - colour	white
Lemma - length	medium
Lemma - hairiness of back	absent
Basal hairs - length	medium
Rachilla - length	short to medium

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	very weak

Plant growth characters

Plant - growth habit	intermediate
Lower leaves - hairiness of sheaths	weak to medium
Leaf blade - hairiness of leaf margin below flag	medium
Plant - height (stem and panicle)	short to medium
Time of panicle emergence	early to medium

WENLOCK**CHARACTERS IN DETAIL****Panicle**

Type	
Branch Attitude	semi-erect to horizontal

Spikelets

Attitude	
Frequency of 3-grain spikelets	

Awns

Abundance	weak to medium
-----------	----------------

Glumes

Length	medium
Glaucosity	medium

Primary Grain

Husk	present
Lemma - glaucosity - intensity	absent or very weak
Lemma - colour	white
Lemma - length	short to medium
Lemma - hairiness of back	n/a
Basal hairs - length	medium-long
Rachilla - length	medium

Culm

Upper culm node hairs - presence	absent
Upper culm node hairs - intensity	n/a

Plant growth characters

Plant - growth habit	semi-erect
Lower leaves - hairiness of sheaths	medium
Leaf blade - hairiness of leaf margin below flag	very weak to weak
Plant - height (stem and panicle)	very short to short
Time of panicle emergence	late to very late