

## WINTER TRITICALE

104/93

### AGOSTINO

#### CHARACTER IN DETAIL

<b>Ploidy:</b>	hexaploid
<b>Ear</b>	
Length	short to medium
Density	medium
Anthers - anthocyanin colouration	very weak to weak
<b>Awns</b>	
Distribution	fully awned
Length above tip of ear	short to medium
<b>Lower Glume</b>	
Hairiness of external surface	present
Length of first beak	short to medium
<b>Grain</b>	
Colouration with phenol	medium
<b>Straw</b>	
Length:	short
Hairiness of neck (density)	strong to very strong
<b>Auricle</b>	
Anthocyanin pigment	strong to very strong
<b>Glaucosity</b>	
Flag leaf -sheath	strong
Ear	strong to very strong
<b>Plant growth characters</b>	
Coleoptile - anthocyanin colouration:	medium to strong
Plant - growth habit:	intermediate
Time of ear emergence:	early to medium

Variety Name: **Alambic**

Crop: Spring Triticale

Breeders Reference:

AFP No:

Breeder:

Translated from: Italy

Origin:

Date: 23 October 2012

Code: ALAM

\*Ploidy:

hexaploid

Coleoptile - anthocyanin colouration:

very weak to weak

\*Plant - growth habit:

intermediate to semi-prostrate

Leaf - colour:

Flag leaf - proportion of plants with recurved leaves:

absent to low

Flag leaf - anthocyanin pigment of auricles:

absent to very weak

\*Flag leaf - glaucosity of the leaf sheath:

very strong

Flag leaf - length of leaf blade:

Flag leaf - width of leaf blade:

\*Time of ear emergence:

early

Awns - anthocyanin colouration:

Anthers - anthocyanin colouration:

absent to very weak

Ear - glaucosity:

very strong

\*Ear - distribution of awns:

fully awned

\*Ear - length of awns above tip:

medium to long

Ear - colour (at maturity):

Ear - density:

medium

Ear - length (with out awns):

very short to short

Ear - shape:

Ear - ear width in profile:

\*Straw - hairiness of neck (density):

strong to very strong

\*Straw - length:

Straw - thickness:

thin

Lower glume - length:

\*Lower glume - length of first beak:

medium to long

Lower glume - size of second beak:

\*Lower glume - hairiness of external surface:

absent

Grain - shape:

\*Grain - colouration with phenol:

dark to very dark

\*Seasonal type:

spring

Extra characters:

\* = Characteristics which should always be included in the description of the variety.

28 March 2018

Variety Name: **Belcanto**

Crop: Winter Triticale

Breeders Reference: DC07221

AFP No:

Breeder: Senova Ltd

Translated from: German

Origin:

Date: 06 April 2023

Code: BELC

\*Ploidy:

Hexploid

Coleoptile - anthocyanin colouration:

Strong to very strong

\*Plant - growth habit:

Semi-prostrate

Leaf - colour:

Flag leaf - proportion of plants with recurved leaves:

Very tlow to low

Flag leaf - anthocyanin pigment of auricles:

Very weak to weak

\*Flag leaf - glaucosity of the leaf sheath:

Strong

Flag leaf - length of leaf blade:

Medium to strong

Flag leaf - width of leaf blade:

\*Time of ear emergence:

Nedium to late

Awns - anthocyanin colouration:

Anthers - anthocyanin colouration:

Medium

Ear - glaucosity:

Weak to medium

\*Ear - distribution of awns:

Fully awned

\*Ear - length of awns above tip:

Short

Ear - colour (at maturity):

Ear - density:

Medium to dense

Ear - length (with out awns):

Short to medium

Ear - shape:

Ear - ear width in profile:

\*Straw - hairiness of neck (density):

Very strong

\*Straw - length:

Straw - thickness:

Thin

Lower glume - length:

\*Lower glume - length of first beak:

Short to medium

Lower glume - size of second beak:

\*Lower glume - hairiness of external surface:

Grain - shape:

\*Grain - colouration with phenol:

Light

\*Seasonal type:

Winter

Extra characters:

\* = Characteristics which should always be included in the description of the variety.



13 April 2023

2024 V2

Variety Name: **CYRKON**

Crop: Winter triticale

Breeders Reference:

AFP No:

Breeder: Hodowla Roslin Strzelce SP

Translated from: Polish

Origin:

Date: 25 February 2010

Code: CYRK

\*Ploidy:

Hexaploid

Coleoptile - anthocyanin colouration:

Medium

\*Plant - growth habit:

Intermediate

Leaf - colour:

Flag leaf - proportion of plants with recurved leaves:

Low to medium

Flag leaf - anthocyanin pigment of auricles:

Absent or very weak

\*Flag leaf - glaucosity of the leaf sheath:

Strong

Flag leaf - length of leaf blade:

Medium

Flag leaf - width of leaf blade:

Very narrow

\*Time of ear emergence:

Early to medium

Awns - anthocyanin colouration:

Medium

Anthers - anthocyanin colouration:

Absent or very weak

Ear - glaucosity:

Medium

\*Ear - distribution of awns:

Fully awned

\*Ear - length of awns above tip:

Medium

Ear - colour (at maturity):

White

Ear - density:

Medium to dense

Ear - length (with out awns):

Short

Ear - shape:

Ear - ear width in profile:

Narrow

\*Straw - hairiness of neck (density):

Medium

\*Straw - length:

Straw - thickness:

Thin

Lower glume - length:

\*Lower glume - length of first beak:

Lower glume - size of second beak:

\*Lower glume - hairiness of external surface:

Present

Grain - shape:

\*Grain - colouration with phenol:

Dark

\*Seasonal type:

Winter

Extra characters:

\* = Characteristics which should always be included in the description of the variety.

30 March 2015

## SPRING TRITICALE

### DUBLET

#### CHARACTER IN DETAIL

<b>Ploidy:</b>	hexaploid
<b>Ear</b>	
Length	short
Density	medium to dense
Anthers - anthocyanin colouration	absent or very weak
<b>Awns</b>	
Distribution	fully awned
Length above tip of ear	long
<b>Lower Glume</b>	
Hairiness of external surface	absent
Length of first beak	short
<b>Grain</b>	
Colouration with phenol	dark
<b>Straw</b>	
Length:	short to medium
Hairiness of neck (density)	medium
<b>Auricle</b>	
Anthocyanin pigment	strong
<b>Glaucosity</b>	
Flag leaf -sheath	weak
Ear	absent or very weak
<b>Plant growth characters</b>	
Coleoptile - anthocyanin colouration:	medium
Plant - growth habit:	semi-erect
Time of ear emergence:	early

Variety Name: **FRIGUS**

Crop: **Triticale**

Breeders Reference:

AFP No: 104/130

Breeder:

Translated from: Polish

Origin:

Date: 16 February 2011

Code: FRIG

**\*Ploidy:**

Hexaploid

**Coleoptile - anthocyanin colouration:**

Weak to medium

**\*Plant - growth habit:**

Intermediate

**Leaf - colour:**

-

**Flag leaf - proportion of plants with recurved leaves:**

Low to medium

**Flag leaf - anthocyanin pigment of auricles:**

Absent to very weak

**\*Flag leaf - glaucosity of the leaf sheath:**

Strong

**Flag leaf - length of leaf blade:**

Short

**Flag leaf - width of leaf blade:**

Narrow

**\*Time of ear emergence:**

Medium

**Awns - anthocyanin colouration:**

Weak to medium

**Anthers - anthocyanin colouration:**

Absent or very weak

**Ear - glaucosity:**

Medium to strong

**\*Ear - distribution of awns:**

Fully awned

**\*Ear - length of awns above tip:**

Medium

**Ear - colour (at maturity):**

White

**Ear - density:**

Medium

**Ear - length (with out awns):**

Short

**Ear - shape:**

-

**Ear - ear width in profile:**

Narrow to medium

**\*Straw - hairiness of neck (density):**

Strong

**\*Straw - length:**

Long

**Straw - thickness:**

Medium

**Lower glume - length:**

-

**\*Lower glume - length of first beak:**

Medium to long

**Lower glume - size of second beak:**

Absent or very small

**\*Lower glume - hairiness of external surface:**

Absent

**Grain - shape:**

-

**\*Grain - colouration with phenol:**

Dark

**\*Seasonal type:**

Spring

**Extra characters:**

Variety Name: **Hugo**

Crop: Spring Triticale

Breeders Reference: MAH 4115

AFP No:

Breeder: JE & VM Dalton Ltd

Translated from: Polish

Origin:

Date: 04 May 2020

Code: HUGO

\*Ploidy:

Hexaploid

Coleoptile - anthocyanin colouration:

Medium to strong

\*Plant - growth habit:

Intermediate

Leaf - colour:

Flag leaf - proportion of plants with recurved leaves:

Low

Flag leaf - anthocyanin pigment of auricles:

Strong

\*Flag leaf - glaucosity of the leaf sheath:

Strong

Flag leaf - length of leaf blade:

Short

Flag leaf - width of leaf blade:

Narrow

\*Time of ear emergence:

Early

Awns - anthocyanin colouration:

Weak

Anthers - anthocyanin colouration:

Weak

Ear - glaucosity:

Strong

\*Ear - distribution of awns:

Fully awned

\*Ear - length of awns above tip:

Medium to long

Ear - colour (at maturity):

White

Ear - density:

Medium to dense

Ear - length (with out awns):

Short

Ear - shape:

`

Ear - ear width in profile:

Medium

\*Straw - hairiness of neck (density):

\*Straw - length:

Straw - thickness:

Medium

Lower glume - length:

\*Lower glume - length of first beak:

Short

Lower glume - size of second beak:

Absent or very small

\*Lower glume - hairiness of external surface:

Absent

Grain - shape:

\*Grain - colouration with phenol:

Dark

\*Seasonal type:

Spring

Extra characters:

Variety Name: **KASYNO**

Crop: Winter triticale

Breeders Reference: DD333/09

AFP No:

Breeder: DANKO

Translated from: Polish

Origin:

Date: 20 March 2017

Code: KASYN

**\*Ploidy:**

Hexaploid

**Coleoptile - anthocyanin colouration:**

Strong to very strong

**\*Plant - growth habit:**

Intermediate to semi prostrate

**Leaf - colour:**

**Flag leaf - proportion of plants with recurved leaves:**

Absent or very low

**Flag leaf - anthocyanin pigment of auricles:**

Weak

**\*Flag leaf - glaucosity of the leaf sheath:**

Strong

**Flag leaf - length of leaf blade:**

Short

**Flag leaf - width of leaf blade:**

Medium

**\*Time of ear emergence:**

Medium to late

**Awns - anthocyanin colouration:**

Strong

**Anthers - anthocyanin colouration:**

Absent or very weak

**Ear - glaucosity:**

Medium to strong

**\*Ear - distribution of awns:**

Fully awned

**\*Ear - length of awns above tip:**

Medium

**Ear - colour (at maturity):**

Slightly coloured

**Ear - density:**

Medium

**Ear - length (with out awns):**

Medium

**Ear - shape:**

**Ear - ear width in profile:**

Medium

**\*Straw - hairiness of neck (density):**

Strong

**\*Straw - length:**

**Straw - thickness:**

Medium

**Lower glume - length:**

Medium

**\*Lower glume - length of first beak:**

Medium

**Lower glume - size of second beak:**

Absent or very small

**\*Lower glume - hairiness of external surface:**

Present

**Grain - shape:**

**\*Grain - colouration with phenol:**

Dark

**\*Seasonal type:**

Winter

**Extra characters:**

## WINTER TRITICALE

104/99

### KWS FIDO

#### CHARACTER IN DETAIL

<b>Ploidy:</b>	Hexaploid
<b>Ear</b>	
Length	Short to medium
Density	Medium
Anthers - anthocyanin colouration	Very weak to weak
<b>Awns</b>	
Distribution	Fully awned
Length above tip of ear	Long
<b>Lower Glume</b>	
Hairiness of external surface	Absent
Length of first beak	
<b>Grain</b>	
Colouration with phenol	Very light to light
<b>Straw</b>	
Length:	
Hairiness of neck (density)	Very weak to weak
<b>Auricle</b>	
Anthocyanin pigment	Strong to very strong
<b>Glaucosity</b>	
Flag leaf -sheath	Weak
Ear	Strong
<b>Plant growth characters</b>	
Coleoptile - anthocyanin colouration:	Strong
Plant - growth habit:	Intermediate
Time of ear emergence:	Early to Medium

Variety Name: **Lumaco**

Crop: Triticale

Breeders Reference: 11swe073-7/Lumaco

AFP No:

Breeder: Lantmannen SW Seed BV

Translated from: French

Origin:

Date: 13 April 2023

Code: LUMA

\*Ploidy:

Hexaploid

Coleoptile - anthocyanin colouration:

Very strong

\*Plant - growth habit:

Semi-prostrate to prostrate

Leaf - colour:

Flag leaf - proportion of plants with recurved leaves:

Low to medium

Flag leaf - anthocyanin pigment of auricles:

Weak to medium

\*Flag leaf - glaucosity of the leaf sheath:

Strong to very strong

Flag leaf - length of leaf blade:

Flag leaf - width of leaf blade:

\*Time of ear emergence:

Early to medium

Awns - anthocyanin colouration:

Anthers - anthocyanin colouration:

Ear - glaucosity:

Absent or very weak Strong to very strong

\*Ear - distribution of awns:

Fully awned

\*Ear - length of awns above tip:

Medium

Ear - colour (at maturity):

Ear - density:

Medium

Ear - length (with out awns):

Long

Ear - shape:

Ear - ear width in profile:

\*Straw - hairiness of neck (density):

Absent or very weak

\*Straw - length:

Medium to long

Straw - thickness:

Thin

Lower glume - length:

\*Lower glume - length of first beak:

Medium

Lower glume - size of second beak:

\*Lower glume - hairiness of external surface:

Present

Grain - shape:

\*Grain - colouration with phenol:

Dark

\*Seasonal type:

Winter

Extra characters:

\* = Characteristics which should always be included in the description of the variety.

28 March 2024

Variety Name: **Puzon**

Crop: Spring Triticale

Breeders Reference: DC846/03

AFP No:

Breeder: DANKO

Translated from: Polish

Origin:

Date: 19 April 2021

Code: PUZO

\*Ploidy:

Hexaploid

Coleoptile - anthocyanin colouration:

Medium

\*Plant - growth habit:

Semi-erect

Leaf - colour:

Flag leaf - proportion of plants with recurved leaves:

Medium to high

Flag leaf - anthocyanin pigment of auricles:

Strong

\*Flag leaf - glaucosity of the leaf sheath:

Strong

Flag leaf - length of leaf blade:

Medium

Flag leaf - width of leaf blade:

Narrow

\*Time of ear emergence:

Early to medium

Awns - anthocyanin colouration:

Medium

Anthers - anthocyanin colouration:

Absent or very weak

Ear - glaucosity:

Medium to strong

\*Ear - distribution of awns:

Fully awned

\*Ear - length of awns above tip:

Medium

Ear - colour (at maturity):

White

Ear - density:

Medium

Ear - length (with out awns):

Short

Ear - shape:

Ear - ear width in profile:

Medium

\*Straw - hairiness of neck (density):

Strong

\*Straw - length:

Short to medium

Straw - thickness:

Thin

Lower glume - length:

Short

\*Lower glume - length of first beak:

Short

Lower glume - size of second beak:

Absent or very small

\*Lower glume - hairiness of external surface:

Absent

Grain - shape:

\*Grain - colouration with phenol:

Dark

\*Seasonal type:

Spring

Extra characters:

\* = Characteristics which should always be included in the description of the variety.

12 May 2021

Variety Name: **SU ASKADUS**

Crop: **Triticale**

Breeders Reference:

AFP No: 104/125

Breeder:

Translated from: Gernan

Origin:

Date: 16 February 2011

Code: SUAS

**\*Ploidy:**

Hexaploid

**Coleoptile - anthocyanin colouration:**

Medium

**\*Plant - growth habit:**

Intermediate

**Leaf - colour:**

-

**Flag leaf - proportion of plants with recurved leaves:**

Absent or very low

**Flag leaf - anthocyanin pigment of auricles:**

Absent or very weak

**\*Flag leaf - glaucosity of the leaf sheath:**

Strong

**Flag leaf - length of leaf blade:**

-

**Flag leaf - width of leaf blade:**

-

**\*Time of ear emergence:**

Early

**Awns - anthocyanin colouration:**

Medium

**Anthers - anthocyanin colouration:**

Absent or very weak

**Ear - glaucosity:**

Medium to strong

**\*Ear - distribution of awns:**

Fully awned

**\*Ear - length of awns above tip:**

Short to medium

**Ear - colour (at maturity):**

White

**Ear - density:**

Lax

**Ear - length (with out awns):**

Medium

**Ear - shape:**

-

**Ear - ear width in profile:**

Medium

**\*Straw - hairiness of neck (density):**

Strong

**\*Straw - length:**

Medium to long

**Straw - thickness:**

Thin

**Lower glume - length:**

-

**\*Lower glume - length of first beak:**

Short to medium

**Lower glume - size of second beak:**

Absent or very small

**\*Lower glume - hairiness of external surface:**

Absent

**Grain - shape:**

**\*Grain - colouration with phenol:**

Dark

**\*Seasonal type:**

Winter

**Extra characters:**

Variety Name: **T101**

Crop: Winter Triticale

Breeders Reference: 011TS-429

AFP No:

Breeder: Firma -Germinal Holdings Ltd

Translated from: German

Origin:

Date: 18 April 2024

Code: T101

**\*Ploidy:**

Hexaploid

**Coleoptile - anthocyanin colouration:**

Strong to very strong

**\*Plant - growth habit:**

Erect to semi-erect

**Leaf - colour:**

**Flag leaf - proportion of plants with recurved leaves:**

Low

**Flag leaf - anthocyanin pigment of auricles:**

Medium

**\*Flag leaf - glaucosity of the leaf sheath:**

Strong

**Flag leaf - length of leaf blade:**

**Flag leaf - width of leaf blade:**

**\*Time of ear emergence:**

Very early

**Awns - anthocyanin colouration:**

**Anthers - anthocyanin colouration:**

Very weak to weak

**Ear - glaucosity:**

Strong

**\*Ear - distribution of awns:**

Half awned

**\*Ear - length of awns above tip:**

Very short

**Ear - colour (at maturity):**

**Ear - density:**

Very lax to lax

**Ear - length (with out awns):**

Long to very long

**Ear - shape:**

**Ear - ear width in profile:**

**\*Straw - hairiness of neck (density):**

Strong to very strong

**\*Straw - length:**

Short to medium

**Straw - thickness:**

Medium

**Lower glume - length:**

**\*Lower glume - length of first beak:**

Very short

**Lower glume - size of second beak:**

**\*Lower glume - hairiness of external surface:**

Present

**Grain - shape:**

**\*Grain - colouration with phenol:**

Dark

**\*Seasonal type:**

Spring

**Extra characters:**

**Variety Name:** TENDER PZO

**Crop:** Triticale

**Breeders Reference:** FR 391/10

**AFP No:**

**Breeder:** Pflanzenzucht Oberlimpurg

**Translated from:** German

**Origin:**

**Date:** 28 April 2020

**Code:** TEND

**\*Ploidy:**

Hexaploid

**Coleoptile - anthocyanin colouration:**

Strong to very strong

**\*Plant - growth habit:**

Semi prostrate

**Leaf - colour:**

**Flag leaf - proportion of plants with recurved leaves:**

Low to medium

**Flag leaf - anthocyanin pigment of auricles:**

Strong to very strong

**\*Flag leaf - glaucosity of the leaf sheath:**

Medium to strong

**Flag leaf - length of leaf blade:**

**Flag leaf - width of leaf blade:**

**\*Time of ear emergence:**

**Awns - anthocyanin colouration:**

Weak

**Anthers - anthocyanin colouration:**

Strong

**Ear - glaucosity:**

**\*Ear - distribution of awns:**

Fully awned

**\*Ear - length of awns above tip:**

Long

**Ear - colour (at maturity):**

**Ear - density:**

Medium to dense

**Ear - length (with out awns):**

Medium to long

**Ear - shape:**

**Ear - ear width in profile:**

**\*Straw - hairiness of neck (density):**

Very strong

**\*Straw - length:**

**Straw - thickness:**

Thin

**Lower glume - length:**

**\*Lower glume - length of first beak:**

Medium to long

**Lower glume - size of second beak:**

**\*Lower glume - hairiness of external surface:**

Present

**Grain - shape:**

**\*Grain - colouration with phenol:**

Dark

**\*Seasonal type:**

Alternative

**Extra characters:**

**Variety Name:** **Toro**

**Crop:** Winter Triticale

**Breeders Reference:** MAH 7515

**AFP No:**

**Breeder:** Hodowla Roslin

**Translated from:**

**Origin:**

**Date:** 19 April 2021

**Code:** TRRO

**\*Ploidy:**

Hexaploid

**Coleoptile - anthocyanin colouration:**

Strong

**\*Plant - growth habit:**

Intermediate

**Leaf - colour:**

**Flag leaf - proportion of plants with recurved leaves:**

Absent or very low

**Flag leaf - anthocyanin pigment of auricles:**

Medium

**\*Flag leaf - glaucosity of the leaf sheath:**

Strong

**Flag leaf - length of leaf blade:**

Very short

**Flag leaf - width of leaf blade:**

Broad

**\*Time of ear emergence:**

**Awns - anthocyanin colouration:**

Weak

**Anthers - anthocyanin colouration:**

Absent or very weak

**Ear - glaucosity:**

Strong

**\*Ear - distribution of awns:**

Fully awned

**\*Ear - length of awns above tip:**

Medium to long

**Ear - colour (at maturity):**

**Ear - density:**

Dense

**Ear - length (with out awns):**

Short

**Ear - shape:**

**Ear - ear width in profile:**

Medium

**\*Straw - hairiness of neck (density):**

Weak to very weak

**\*Straw - length:**

Very short to short

**Straw - thickness:**

Medium to thick

**Lower glume - length:**

**\*Lower glume - length of first beak:**

Short to medium

**Lower glume - size of second beak:**

Absent or very small

**\*Lower glume - hairiness of external surface:**

Absent

**Grain - shape:**

**\*Grain - colouration with phenol:**

Medium

**\*Seasonal type:**

Winter

**Extra characters:**

## ALTERNATIVE TRITICALE

### TRIMOUR

#### CHARCTER IN DETAIL

<b>Ploidy:</b>	hexaploid
<b>Ear</b>	
Length	medium
Density	dense
Anthers - anthocyanin colouration	absent or very weak
<b>Awns</b>	
Distribution	fully awned
Length above tip of ear	long
<b>Lower Glume</b>	
Hairiness of external surface	present
Length of first beak	long
<b>Grain</b>	
Colouration with phenol	light to medium
<b>Straw</b>	
Length:	medium
Hairiness of neck (density)	absent or very weak
<b>Auricle</b>	
Anthocyanin pigment	absent or very weak
<b>Glaucosity</b>	
Flag leaf -sheath	medium
Ear	weak to medium
<b>Plant growth characters</b>	
Coleoptile - anthocyanin colouration:	medium
Plant - growth habit:	intermediate
Time of ear emergence:	early