

Variety Name: **Agronom**

Crop: Hybrid Winter Rye

**Breeders Reference:**

**Breeder:** Hybro Saatzucht GmbH & Co.  
KG

**Origin:** Top cross hybrid. (L 2076-P x L2084N) x  
HYS-61

**Code:** AGRO

**AFP No:**

**Translated from:** German

**Date:** 19 April 2010

<b>*Ploidy:</b>	diploid
<b>*Coleoptile - anthocyanin colouration:</b>	strong
<b>Coleoptile - length:</b>	medium
<b>First leaf- length of sheath:</b>	medium
<b>First leaf- length of blade:</b>	medium
<b>*Plant - growth habit:</b>	intermediate to semi-prostrate
<b>*Flag leaf - glaucosity of the leaf sheath:</b>	medium
<b>*Time of ear emergence:</b>	early to medium
<b>Leaf below flag leaf - length of leaf blade:</b>	medium
<b>Leaf below flag leaf - width of leaf blade:</b>	medium
<b>*Ear - glaucosity:</b>	strong
<b>Ear - attitude:</b>	horizontal
<b>*Ear length:</b>	short to medium
<b>Ear density:</b>	dense
<b>*Straw - hairiness below the ear:</b>	absent or very weak
<b>*Straw - length:</b>	short
<b>Straw - length between upper node and ear:</b>	short to medium
<b>*Grain - colour of the aleurone:</b>	dark
<b>Grain - thousand grain weight:</b>	medium to large
<b>Grain - length:</b>	medium
<b>Grain - colouration with phenol:</b>	dark to very dark
<b>*Seasonal type:</b>	winter
<b>Extra characters:</b>	

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



Variety Name: **Arantes**

Crop: Spring Rye

Breeders Reference:

AFP No:

Breeder: Lochow-Petkus GmbH

Translated from: DE

Origin:

Date: 23 March 2016

Code: ARNT

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	Strong
Coleoptile - length:	Short to medium
First leaf- length of sheath:	Long
First leaf- length of blade:	Medium
*Plant - growth habit:	Semi erect to intermediate
*Flag leaf - glaucosity of the leaf sheath:	Medium to strong
*Time of ear emergence:	Early
Leaf below flag leaf - length of leaf blade:	Short to medium
Leaf below flag leaf - width of leaf blade:	Medium
*Ear - glaucosity:	Strong
Ear - attitude:	Horizontal
*Ear length:	Short
Ear density:	Medium
*Straw - hairiness below the ear:	Weak
*Straw - length:	Short
Straw - length between upper node and ear:	Short
*Grain - colour of the aleurone:	Dark
Grain - thousand grain weight:	Medium to large
Grain - length:	Short to medium
Grain - colouration with phenol:	Medium to dark
*Seasonal type:	Spring
Extra characters:	

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

28 March 2018



2024 V1

## BONFIRE

### CHARACTER IN DETAIL

**Ploidy:**

diploid

**Ear**

Length

medium to long

Density

lax to medium

Attitude:

horizontal to semi-recurved

**Grain**

Aleurone colour

dark

**Straw**

Length

long

Hairiness below the ear

weak to medium

**Glaucosity**

Flag leaf - sheath:

weak

Ear

weak

**Anthocyanin colouration**

Coleoptile

strong

**Plant growth characters**

Plant - growth habit

semi-erect to intermediate

Leaf below flag leaf - length of leaf blade

medium to long

Time of ear emergence

very early

Variety Name: **Borfuro**

Crop: Winter Rye

Breeders Reference: Bo 5606/90

AFP No:

Breeder: Saatzucht Steinach GmbH

Translated from: German

Origin:

Date: 19 November 1997

Code: BORF

*Ploidy:	diploid
*Coleoptile - anthocyanin colouration:	strong to very strong
Coleoptile - length:	
First leaf- length of sheath:	
First leaf- length of blade:	
*Plant - growth habit:	intermediate
*Flag leaf - glaucosity of the leaf sheath:	weak to medium
*Time of ear emergence:	early
Leaf below flag leaf - length of leaf blade:	medium to long
Leaf below flag leaf - width of leaf blade:	
*Ear - glaucosity:	medium
Ear - attitude:	semi-erect to horizontal
*Ear length:	medium to long
Ear density:	lax to medium
*Straw - hairiness below the ear:	weak to medium
*Straw - length:	long
Straw - length between upper node and ear:	
*Grain - colour of the aleurone:	dark
Grain - thousand grain weight:	medium
Grain - length:	
Grain - colouration with phenol:	
*Seasonal type:	winter
Extra characters:	

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

03 May 2022



2024 V1

## DUKATO

### CHARACTER IN DETAIL

**Ploidy:**

diploid

**Ear**

Length

short to medium

Density

medium to dense

Attitude:

horizontal to semi-recurved

**Grain**

Aleurone colour

dark

**Straw**

Length

short to medium

Hairiness below the ear

weak

**Glaucosity**

Flag leaf - sheath:

medium

Ear

medium to strong

**Anthocyanin colouration**

Coleoptile

strong

**Plant growth characters**

Plant - growth habit

intermediate to semi-prostrate

Leaf below flag leaf - length of leaf blade

medium

Time of ear emergence

medium

Variety Name: **ELEGO**

Crop: Winter Rye

Breeders Reference:

AFP No:

Breeder: landwirtschaftliche Fachschule

Translated from: German

Origin:

Date: 27 March 2018

Code: ELEG

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	Strong
Coleoptile - length:	Medium
First leaf- length of sheath:	Short to medium
First leaf- length of blade:	Medium
*Plant - growth habit:	Intermediate
*Flag leaf - glaucosity of the leaf sheath:	Medium
*Time of ear emergence:	Early to medium
Leaf below flag leaf - length of leaf blade:	Short to medium
Leaf below flag leaf - width of leaf blade:	Medium
*Ear - glaucosity:	Medium to strong
Ear - attitude:	Horizontal to semi recurved
*Ear length:	Medium
Ear density:	Medium to dense
*Straw - hairiness below the ear:	
*Straw - length:	
Straw - length between upper node and ear:	Medium
*Grain - colour of the aleurone:	
Grain - thousand grain weight:	Medium
Grain - length:	Medium
Grain - colouration with phenol:	Medium to dark
*Seasonal type:	Winter

Extra characters:

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

28 March

Variety Name: **Elias**

Crop: Winter rye

Breeders Reference: SE 06008WR

AFP No:

Breeder: Landwirtschaftliche Fachschule

Translated from: German

Origin:

Date: 19 November 2018

Code: LIAS

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	Strong
Coleoptile - length:	Medium
First leaf- length of sheath:	Medium
First leaf- length of blade:	Medium to long
*Plant - growth habit:	Intermediate
*Flag leaf - glaucosity of the leaf sheath:	Medium
*Time of ear emergence:	Early
Leaf below flag leaf - length of leaf blade:	Short to medium
Leaf below flag leaf - width of leaf blade:	Medium
*Ear - glaucosity:	Strong
Ear - attitude:	Semi recurved
*Ear length:	Short to medium
Ear density:	Dense
*Straw - hairiness below the ear:	Medium to Strong
*Straw - length:	Short to medium
Straw - length between upper node and ear:	Medium
*Grain - colour of the aleurone:	
Grain - thousand grain weight:	Medium
Grain - length:	Short to medium
Grain - colouration with phenol:	Dark
*Seasonal type:	Winter
Extra characters:	

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

22 March 2019



Variety Name: **Generator**

Crop: Winter rye

Breeders Reference: PRW 9.001

AFP No:

Breeder: Asmus Soren Petersen

Translated from: German

Origin:

Date: 04 April 2019

Code: Gene

<b>*Ploidy:</b>	Diploid
<b>*Coleoptile - anthocyanin colouration:</b>	Strong
<b>Coleoptile - length:</b>	Medium to long
<b>First leaf- length of sheath:</b>	Long to very long
<b>First leaf- length of blade:</b>	Long
<b>*Plant - growth habit:</b>	Intermediate
<b>*Flag leaf - glaucosity of the leaf sheath:</b>	Weak
<b>*Time of ear emergence:</b>	Early
<b>Leaf below flag leaf - length of leaf blade:</b>	Medium
<b>Leaf below flag leaf - width of leaf blade:</b>	Narrow to medium
<b>*Ear - glaucosity:</b>	Weak to medium
<b>Ear - attitude:</b>	Horizontal
<b>*Ear length:</b>	Medium
<b>Ear density:</b>	Medium
<b>*Straw - hairiness below the ear:</b>	Medium
<b>*Straw - length:</b>	
<b>Straw - length between upper node and ear:</b>	
<b>*Grain - colour of the aleurone:</b>	
<b>Grain - thousand grain weight:</b>	Small to medium
<b>Grain - length:</b>	Short to medium
<b>Grain - colouration with phenol:</b>	Dark to very dark
<b>*Seasonal type:</b>	Winter

**Extra characters:**

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



**HUMBOLT****CHARACTER IN DETAIL**

<b>Ploidy:</b>	diploid
<b>Ear</b>	
Length	medium
Density	very lax to lax
Attitude:	horizontal
<b>Grain</b>	
Aleurone colour	dark
<b>Straw</b>	
Length	medium long to long
Hairiness below the ear	weak to medium
<b>Glaucosity</b>	
Flag leaf - sheath:	weak to medium
Ear	medium
<b>Anthocyanin colouration</b>	
Coleoptile	present
<b>Plant growth characters</b>	
Plant - growth habit	semi-erect to intermediate
Leaf below flag leaf - length of leaf blade	medium to medium long
Time of ear emergence	early

Variety Name: **Inspector**

Crop: Winter rye

Breeders Reference: PRW 201001

AFP No:

Breeder: Amus Soren Petersen

Translated from: German

Origin:

Date: 19 November 2018

Code: INSP

<b>*Ploidy:</b>	Diploid
<b>*Coleoptile - anthocyanin colouration:</b>	Strong to very strong
<b>Coleoptile - length:</b>	Medium
<b>First leaf- length of sheath:</b>	Medium
<b>First leaf- length of blade:</b>	Medium to long
<b>*Plant - growth habit:</b>	Intermediate to semi prostrate
<b>*Flag leaf - glaucosity of the leaf sheath:</b>	Medium
<b>*Time of ear emergence:</b>	Early to medium
<b>Leaf below flag leaf - length of leaf blade:</b>	
<b>Leaf below flag leaf - width of leaf blade:</b>	
<b>*Ear - glaucosity:</b>	Medium
<b>Ear - attitude:</b>	Horizontal to semi recurved
<b>*Ear length:</b>	Medium
<b>Ear density:</b>	Medium to dense
<b>*Straw - hairiness below the ear:</b>	Weak to medium
<b>*Straw - length:</b>	
<b>Straw - length between upper node and ear:</b>	Short to medium
<b>*Grain - colour of the aleurone:</b>	
<b>Grain - thousand grain weight:</b>	Medium
<b>Grain - length:</b>	Short to medium
<b>Grain - colouration with phenol:</b>	Dark
<b>*Seasonal type:</b>	Winter
<b>Extra characters:</b>	

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

22 March 2019



Variety Name: **KWS GILMOR**

Crop: Winter Rye

Breeders Reference:

AFP No:

Breeder:

Translated from:

Origin: DENMARK

Date:

Code: KWGIL

*Ploidy:	diploid
*Coleoptile - anthocyanin colouration:	weak to medium
Coleoptile - length:	
First leaf- length of sheath:	medium
First leaf- length of blade:	medium to long
*Plant - growth habit:	intermediate
*Flag leaf - glaucosity of the leaf sheath:	medium to strong
*Time of ear emergence:	medium
Leaf below flag leaf - length of leaf blade:	
Leaf below flag leaf - width of leaf blade:	
*Ear - glaucosity:	medium
Ear - attitude:	horizontal to semi recurved
*Ear length:	short to medium
Ear density:	very lax to lax
*Straw - hairiness below the ear:	weak
*Straw - length:	medium
Straw - length between upper node and ear:	short to medium
*Grain - colour of the aleurone:	
Grain - thousand grain weight:	medium to large
Grain - length:	short to medium
Grain - colouration with phenol:	light to medium
*Seasonal type:	winter
Extra characters:	

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

28 March 2024

Variety Name: **KWS INSPIRATOR**

Crop: Winter Rye

Breeders Reference:

AFP No:

Breeder:

Translated from:

Origin: GERMANY

Date:

Code: KWINS

\*Ploidy:

diploid

\*Coleoptile - anthocyanin colouration:

strong

Coleoptile - length:

medium

First leaf- length of sheath:

short to medium

First leaf- length of blade:

medium to long

\*Plant - growth habit:

intermediate to semi- prostrate

\*Flag leaf - glaucosity of the leaf sheath:

medium

\*Time of ear emergence:

early to medium

Leaf below flag leaf - length of leaf blade:

short to medium

Leaf below flag leaf - width of leaf blade:

medium

\*Ear - glaucosity:

medium to strong

Ear - attitude:

horizontal to semi recurved

\*Ear length:

short to medium

Ear density:

dense

\*Straw - hairiness below the ear:

medium to strong

\*Straw - length:

short to medium

Straw - length between upper node and ear:

short to medium

\*Grain - colour of the aleurone:

dark

Grain - thousand grain weight:

medium to large

Grain - length:

medium to long

Grain - colouration with phenol:

medium to dark

\*Seasonal type:

winter

Extra characters:

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

28 March 2024

Variety Name: **Lunator**

Crop: Rye

Breeders Reference: PRW-GS-1401

AFP No:

Breeder: PH Peterson Saatucht

Translated from: German

Origin: German

Date: 28 April 2020

Code: LUNA

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	Strong
Coleoptile - length:	Medium to long
First leaf- length of sheath:	Long
First leaf- length of blade:	Long
*Plant - growth habit:	Intermediate
*Flag leaf - glaucosity of the leaf sheath:	Weak
*Time of ear emergence:	Early to medium
Leaf below flag leaf - length of leaf blade:	Medium to long
Leaf below flag leaf - width of leaf blade:	Medium
*Ear - glaucosity:	Weak to medium
Ear - attitude:	Horizontal to semi-recurved
*Ear length:	Medium
Ear density:	Medium
*Straw - hairiness below the ear:	Medium
*Straw - length:	Very long
Straw - length between upper node and ear:	Long to very long
*Grain - colour of the aleurone:	Dark
Grain - thousand grain weight:	Medium
Grain - length:	Medium to long
Grain - colouration with phenol:	Dark to very dark
*Seasonal type:	Winter
Extra characters:	

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

06 May 2020

Variety Name: **Matador**

Crop: Winter Rye

Breeders Reference: PHP 961112

AFP No:

Breeder: Asmus Soren Petersen

Translated from: German

Origin:

Date: 18 November 2003

Code: MATA

*Ploidy:	diploid
*Coleoptile - anthocyanin colouration:	strong
Coleoptile - length:	medium
First leaf- length of sheath:	medium
First leaf- length of blade:	medium to long
*Plant - growth habit:	semi-prostrate
*Flag leaf - glaucosity of the leaf sheath:	medium to strong
*Time of ear emergence:	medium
Leaf below flag leaf - length of leaf blade:	short to medium
Leaf below flag leaf - width of leaf blade:	medium
*Ear - glaucosity:	medium to strong
Ear - attitude:	horizontal
*Ear length:	medium
Ear density:	medium
*Straw - hairiness below the ear:	very weak to weak
*Straw - length:	short
Straw - length between upper node and ear:	short to medium
*Grain - colour of the aleurone:	dark
Grain - thousand grain weight:	small to medium
Grain - length:	short to medium
Grain - colouration with phenol:	dark
*Seasonal type:	winter
Extra characters:	

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

03 May 2022



Variety Name: **Powergreen**

Crop: Rye

Breeders Reference: 100016/12

AFP No:

Breeder: Saatucht Steinach GmbH

Translated from: German

Origin:

Date: 21 March 2024

Code: PGREE

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	Very strong
Coleoptile - length:	Medium
First leaf- length of sheath:	Medium to long
First leaf- length of blade:	Medium to long
*Plant - growth habit:	Intermediate
*Flag leaf - glaucosity of the leaf sheath:	Weak to medium
*Time of ear emergence:	Early
Leaf below flag leaf - length of leaf blade:	Medium
Leaf below flag leaf - width of leaf blade:	Narrow to medium
*Ear - glaucosity:	Medium to strong
Ear - attitude:	Horizontal to semi-recurved
*Ear length:	Medium
Ear density:	Medium
*Straw - hairiness below the ear:	Weak to medium
*Straw - length:	Medium to long
Straw - length between upper node and ear:	Medium to long
*Grain - colour of the aleurone:	Dark
Grain - thousand grain weight:	Small to medium
Grain - length:	Short to medium
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

# WINTER RYE

## PROTECTOR

### CHARACTER IN DETAIL

**Ploidy:** diploid

#### Ear

Length medium to long

Density lax to medium

Attitude: horizontal

#### Grain

Aleurone colour dark

#### Straw

Length tall

Hairiness below the ear medium

#### Glaucosity

Flag leaf - sheath: medium to strong

Ear medium

#### Anthocyanin colouration

Coleoptile strong to very strong

#### Plant growth characters

Plant - growth habit semi-erect to medium

Leaf below flag leaf - length of leaf blade long

Time of ear emergence early



Variety Name: **SM Fobos**

Crop: Rye ( Alternative)

Breeders Reference: HRSM 228

AFP No:

Breeder: Hodowla Roslin Smolice

Translated from:

Origin:

Date: 27 March 2024

Code: SMFO

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	Strong
Coleoptile - length:	Medium
First leaf- length of sheath:	Long to very long
First leaf- length of blade:	Long
*Plant - growth habit:	Intermediate
*Flag leaf - glaucosity of the leaf sheath:	Medium
*Time of ear emergence:	Late to very late
Leaf below flag leaf - length of leaf blade:	
Leaf below flag leaf - width of leaf blade:	
*Ear - glaucosity:	Medium
Ear - attitude:	Semi-erect
*Ear length:	Medium
Ear density:	Lax
*Straw - hairiness below the ear:	Strong
*Straw - length:	
Straw - length between upper node and ear:	Medium
*Grain - colour of the aleurone:	Dark
Grain - thousand grain weight:	Very large
Grain - length:	Long
Grain - colouration with phenol:	Light
*Seasonal type:	Alternative
Extra characters:	

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

28 March 2024

## SU MEPHISTO

### CHARACTER IN DETAIL

<b>Ploidy:</b>	diploid
<b>Ear</b>	
Length	medium
Density	medium to dense
Attitude:	horizontal to semi-recurved
<b>Grain</b>	
Aleurone colour	dark
<b>Straw</b>	
Length	short
Hairiness below the ear	weak
<b>Glaucosity</b>	
Flag leaf - sheath:	strong
Ear	medium
<b>Anthocyanin colouration</b>	
Coleoptile	strong
<b>Plant growth characters</b>	
Plant - growth habit	intermediate
Leaf below flag leaf - length of leaf blade	short
Time of ear emergence	early

## WINTER RYE

## SU PHONIX

### CHARACTER IN DETAIL

<b>Ploidy:</b>	diploid
<b>Ear</b>	
Length	short to medium
Density	medium to dense
Attitude:	horizontal
<b>Grain</b>	
Aleurone colour	dark
<b>Straw</b>	
Length	short
Hairiness below the ear	weak to medium
<b>Glaucosity</b>	
Flag leaf - sheath:	medium to strong
Ear	medium to strong
<b>Anthocyanin colouration</b>	
Coleoptile	strong
<b>Plant growth characters</b>	
Plant - growth habit	intermediate
Leaf below flag leaf - length of leaf blade	short to medium
Time of ear emergence	early

Variety Name: **SU Popidol**

Crop: Winter rye

Breeders Reference: HYP 289

AFP No:

Breeder: Hybro Saatzucht GmbH & Co. KG

Translated from: German

Origin:

Date: 23 March 2022

Code: SUPO

<b>*Ploidy:</b>	Diploid
<b>*Coleoptile - anthocyanin colouration:</b>	Strong to very strong
<b>Coleoptile - length:</b>	Medium
<b>First leaf- length of sheath:</b>	Medium
<b>First leaf- length of blade:</b>	Medium
<b>*Plant - growth habit:</b>	Intermediate to semi-prostrate
<b>*Flag leaf - glaucosity of the leaf sheath:</b>	Medium
<b>*Time of ear emergence:</b>	Early to medium
<b>Leaf below flag leaf - length of leaf blade:</b>	Short
<b>Leaf below flag leaf - width of leaf blade:</b>	Medium
<b>*Ear - glaucosity:</b>	Medium
<b>Ear - attitude:</b>	Semi-recurved
<b>*Ear length:</b>	Short to medium
<b>Ear density:</b>	Medium
<b>*Straw - hairiness below the ear:</b>	Weak to medium
<b>*Straw - length:</b>	Short to medium
<b>Straw - length between upper node and ear:</b>	Medium
<b>*Grain - colour of the aleurone:</b>	Dark
<b>Grain - thousand grain weight:</b>	Medium
<b>Grain - length:</b>	Medium
<b>Grain - colouration with phenol:</b>	Dark to very dark
<b>*Seasonal type:</b>	Winter type
<b>Extra characters:</b>	

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

03 May 2022



2024 V1

Variety Name: **SU Vergil**

Crop: Rye

Breeders Reference: PHP 15 RS-8019

AFP No:

Breeder: PH Peterson Saatzucht  
Lundsgaard GmbH

Translated from: German

Origin:

Date: 21 March 2024

Code: SUVER

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	Strong
Coleoptile - length:	Medium to long
First leaf- length of sheath:	Medium to long
First leaf- length of blade:	Long
*Plant - growth habit:	Semi-erect to intermediate
*Flag leaf - glaucosity of the leaf sheath:	Weak to medium
*Time of ear emergence:	Early
Leaf below flag leaf - length of leaf blade:	
Leaf below flag leaf - width of leaf blade:	
*Ear - glaucosity:	Medium
Ear - attitude:	Horizontal
*Ear length:	Short to medium
Ear density:	Medium
*Straw - hairiness below the ear:	Weak
*Straw - length:	Medium
Straw - length between upper node and ear:	Medium to long
*Grain - colour of the aleurone:	Dark
Grain - thousand grain weight:	Medium to large
Grain - length:	Medium
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 2024

Variety Name: **Traktor**

Crop: Winter rye

Breeders Reference: PRW-GS-1201

AFP No:

Breeder: P.H Petersen Saatzucht

Translated from: German

Origin:

Date: 19 November 2018

Code: TRAK

*Ploidy:	Diploid
*Coleoptile - anthocyanin colouration:	
Coleoptile - length:	Medium to long
First leaf- length of sheath:	Medium to long
First leaf- length of blade:	Medium
*Plant - growth habit:	
*Flag leaf - glaucosity of the leaf sheath:	Intermediate to semi prostrate
*Time of ear emergence:	Early
Leaf below flag leaf - length of leaf blade:	
Leaf below flag leaf - width of leaf blade:	
*Ear - glaucosity:	Weak to medium
Ear - attitude:	Horizontal to semi recurved
*Ear length:	Medium
Ear density:	Medium
*Straw - hairiness below the ear:	Medium
*Straw - length:	
Straw - length between upper node and ear:	
*Grain - colour of the aleurone:	Dark
Grain - thousand grain weight:	Medium
Grain - length:	Medium
Grain - colouration with phenol:	Dark
*Seasonal type:	Winter
Extra characters:	

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

06 May 2020