

Variety Name: **Agronom**

Crop: Hybrid Winter Rye

**Breeders Reference:**

**AFP No:**

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

**Translated from:** German

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

**Date:** 19 April 2010

**Code:** AGRO

<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

## WINTER RYE

### BONFIRE

#### CHARACTER IN DETAIL

<b>Ploidy:</b>	diploid
<b>Ear</b>	
Length	medium to long
Density	lax to medium
Attitude:	horizontal to semi-recurved
<b>Grain</b>	
Aleurone colour	dark
<b>Straw</b>	
Length	long
Hairiness below the ear	weak to medium
<b>Glaucosity</b>	
Flag leaf - sheath:	weak
Ear	weak
<b>Anthocyanin colouration</b>	
Coleoptile	strong
<b>Plant growth characters</b>	
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: Saatucht 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

## DUKATO

### CHARCTER IN DETAIL

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

Medium

Straw - length between upper node and ear:

\*Grain - colour of the aleurone:

Medium

Grain - thousand grain weight:

Medium

Grain - length:

Medium to dark

Grain - colouration with phenol:

Winter

\*Seasonal type:

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:**

Medium

**Grain - thousand grain weight:**

Short to medium

**Grain - length:**

Dark

**Grain - colouration with phenol:**

Winter

**\*Seasonal type:**

**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**

**\*Ploidy:**

Diploid

**\*Coleoptile - anthocyanin colouration:**

Strong

**Coleoptile - length:**

Medium to long

**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:**

Weak

**\*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:**

Weak to medium

**Ear - attitude:**

Horizontal

**\*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:**

**Grain - thousand grain weight:**

Small to medium

**Grain - length:**

Short to medium

**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



**HUMBOLT****CHARCTER 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

**\*Ploidy:**

Diploid

**\*Coleoptile - anthocyanin colouration:**

Strong to very strong

**Coleoptile - length:**

Medium

**First leaf- length of sheath:**

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:**

**Leaf below flag leaf - width of leaf blade:**

**\*Ear - glaucosity:**

Medium

**Ear - attitude:**

Horizontal to semi recurved

**\*Ear length:**

Medium

**Ear density:**

Medium to dense

**\*Straw - hairiness below the ear:**

Weak to medium

**\*Straw - length:**

**Straw - length between upper node and ear:**

Short to 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: Lunator**

**Crop: Rye**

**Breeders Reference:** PRW-GS-1401

**AFP No:**

**Breeder:** PH Peterson Saatzzucht

**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

## PROTECTOR

### CHARACTER IN DETAIL

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

## SU MEPHISTO

### CHARCTER 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

### CHARCTER 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**

**\*Ploidy:**

Diploid

**\*Coleoptile - anthocyanin colouration:**

Strong to very strong

**Coleoptile - length:**

Medium

**First leaf- length of sheath:**

Medium

**First leaf- length of blade:**

Medium

**\*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

**Leaf below flag leaf - width of leaf blade:**

Medium

**\*Ear - glaucosity:**

Medium

**Ear - attitude:**

Semi-recurved

**\*Ear length:**

Short to medium

**Ear density:**

Medium

**\*Straw - hairiness below the ear:**

Weak to medium

**\*Straw - length:**

Short to medium

**Straw - length between upper node and ear:**

Medium

**\*Grain - colour of the aleurone:**

Dark

**Grain - thousand grain weight:**

Medium

**Grain - length:**

Medium

**Grain - colouration with phenol:**

Dark to very dark

**\*Seasonal type:**

Winter type

**Extra characters:**

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

03 May 2022



Variety Name: **Traktor**

Crop: Winter rye

Breeders Reference: PRW-GS-1201

AFP No:

Breeder: P.H Petersen Saatzzucht

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