

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

***Ploidy:**

diploid

***Coleoptile - anthocyanin colouration:**

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:

medium

Leaf below flag leaf - width of leaf blade:

medium

***Ear - glaucosity:**

strong

Ear - attitude:

horizontal

***Ear length:**

short to medium

Ear density:

dense

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

absent or very weak

***Straw - length:**

short

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

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.



11/04/2019 V1

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



11/04/2019 V1

WINTER RYE

BONFIRE

CHARCTER 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 |

WINTER RYE

DUKATO

CHARCTER 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:**

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



11/04/2019 V1

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

WINTER RYE

43/17

HUMBOLT

CHARCTER IN DETAIL

| | |
|---|----------------------------|
| Ploidy: | diploid |
| Ear | |
| Length | medium |
| Density | very lax to lax |
| Attitude: | horizontal |
| Grain | |
| Aleurone colour | dark |
| Straw | |
| Length | medium long to long |
| Hairiness below the ear | weak to medium |
| Glaucosity | |
| Flag leaf - sheath: | weak to medium |
| Ear | medium |
| Anthocyanin colouration | |
| Coleoptile | present |
| Plant growth characters | |
| 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



11/04/2019 V1

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 |

WINTER RYE

SU MEPHISTO

CHARCTER IN DETAIL

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

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