

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



15/05/2018 V1

# WINTER RYE

## BONFIRE

### CHARCTER 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

# WINTER RYE

## 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:**

**Breeder:** landwirtschaftliche Fachschule

**Origin:**

**Code:** ELEG

**AFP No:**

**Translated from:** German

**Date:** 27 March 2018

<b>*Ploidy:</b>	Diploid
<b>*Coleoptile - anthocyanin colouration:</b>	Strong
<b>Coleoptile - length:</b>	Medium
<b>First leaf- length of sheath:</b>	Short to medium
<b>First leaf- length of blade:</b>	Medium
<b>*Plant - growth habit:</b>	Intermediate
<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 to medium
<b>Leaf below flag leaf - width of leaf blade:</b>	Medium
<b>*Ear - glaucosity:</b>	Medium to strong
<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>	
<b>*Straw - length:</b>	
<b>Straw - length between upper node and ear:</b>	Medium
<b>*Grain - colour of the aleurone:</b>	
<b>Grain - thousand grain weight:</b>	Medium
<b>Grain - length:</b>	Medium
<b>Grain - colouration with phenol:</b>	Medium to dark
<b>*Seasonal type:</b>	Winter
<b>Extra characters:</b>	

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# WINTER RYE

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## 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

# WINTER RYE

## 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

## WINTER RYE

## 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

### 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