

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.



# 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

# 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

# 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

### 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