

Variety Name: **Franckenkorn**

Crop: Winter Spelt Wheat

**Breeder's Reference:**

**AFP No:**

**Breeder:** Dr. Peter Frank

**Translated from:** German

**Origin:**

**Date:** 30 October 1996

**Code:** FRCK

**Coleoptile-anthocyanin colouration:**

strong to very strong

**\*Plant - growth habit:**

intermediate

**\*Time ear emergence:**

medium to late

**Flag leaf - Anthocyanin colouration of auricles:**

**Frequency of plants with recurved flag leaves:**

medium to high

**\*Flag leaf - Glaucosity of sheath:**

medium

**Flag leaf - Glaucosity of leaf blade:**

weak to medium

**Anthers - anthocyanin colouration:**

present

**Glaucosity of neck:**

medium to strong

**Hairiness of uppermost node:**

**\*Plant - height:**

long to very long

**\*Straw - wall thickness @ 20cms below ear:**

very thin

**\*Ear - Glaucosity:**

medium to strong

**Ear - Supernumerary spikelets - frequency:**

**\*Ear - Colour:**

coloured

**\*Ear - Shape (side profile):**

tapering

**Ear - Length:**

**\*Ear - Density:**

lax to medium

**\*Awns or scurs - presence:**

scurs present

**Awns or scurs - distribution:**

upper 1/4

**\*Scurs at tip of ear - length:**

very short to short

**\*Awns at tip of ear - length:**

**Lower glume - Beak length:**

**Lower glume - Beak shape (curvature):**

**Lower glume - Beak tip:**

**Lower glume - Shoulder width:**

**Lower glume - Shoulder type:**

**Lower glume - External surface roughness:**

**Lower glume - Extent of internal hairs:**

**Lower glume - Internal imprint:**

**Lower lemma - Beak shape:**

**Lower lemma - Beak length-:**

**Lower lemma - Beak swelling:**

**Apical rachis segment - convex face hairiness:**

**\*Grain - colour:**

red

**Grain - Shape:**

**Grain - Brush hair length in dorsal view:**

**Grain - Colouration with phenol:**

dark

**\*Seasonal type:**

winter

**Extra characters:**

Flag leaf length of leaf blade short to

medium,

width of leaf blade narrow

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

30 March 2015



**ZOLLERN SPELT****CHARACTERS IN DETAIL****Ear**

Colour:	coloured
Length:	medium to long
Density:	lax
Shape (side profile)	tapering
Awns or scurs - presence:	scurs present
Awns or scurs - distribution:	
Awns or Scurs - length:	medium
Apical rachis segment - convex face hairiness:	very weak to weak
Anthers - anthocyanin	

**Lower Glume**

External surface roughness:	
Extent of internal hairs:	very weak to weak
Beak length:	very short to short
Beak shape (curvature):	straight
Shoulder	medium
Shoulder	elevated

**Lower Lemma**

Beak shape:

**Grain**

Colour	red
Colouration with phenol:	dark

**Straw**

Length:	very short
Wall thickness @ 20cms below ear:	very thin

**Glaucosity**

Flag leaf - sheath:	strong
Flag leaf - blade (lower side):	medium to strong
Culm neck:	strong
Ear - Glaucosity:	medium to strong

**Plant growth characters**

Coleoptile-anthocyanin	strong
Plant - growth habit:	intermediate to semi-prostrate
Time ear emergence:	early to medium
Flag leaf - Anthocyanin colouration of auricles:	