

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: |                                |