

strube



Breeding progress
together

Wheat
2025/26
Varieties



Focus on quality

Preparing Agriculture for the future



Farmers are facing enormous challenges. The elimination of pesticides, strict fertiliser regulations and growing social expectations of production conditions and quality are just some of them.

We are the farmers' dependable ally, dedicated to shaping agricultural transformation towards increased sustainability, resource conservation and improved climate resilience. Because we understand that future-proof varieties must deliver consistent high performance under challenging conditions through improved nutrient utilisation or resistance to biotic and abiotic stress. To meet all these requirements, Strube breeds high-quality, healthy wheat varieties with stable yields and distributes them in more than 20 countries.

Breeding progress together

We do this by drawing on a broad genetic base and using new biotechnological analyses and diagnostic methods that can predict certain characteristics of our crosses long before

their phenotypic expression in the adult plant. This reinforces our goal of increasing grain yield while continuously improving resistance to fungal pathogens, thus contributing to environmentally friendly and sustainable wheat production.



Dr Wessam Akel
Head of Wheat Breeding

Selected breeding targets

✓ Yield

✓ Quality

Protein
Falling number
Falling number stability

✓ Resistance/Tolerance

Powdery mildew
Leaf septoria
DTR
Yellow rust
Brown rust
Fusarium

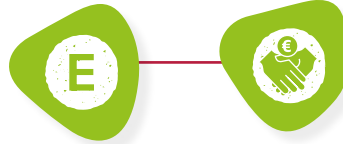
✓ Other characteristics

Winter hardiness
Maturity
Resistance to lodging



Moschus

Winter wheat



Premium quality
bread wheat



Yield, Quality¹

Yield untreated 5

Yield treated 5

Protein content 9

Falling number 9

Zeleny value 9

Susceptibility to¹

Lodging 4

Fusarium 3

Powdery mildew 2

Yellow rust 3

Brown rust 4



Key points

- Top scores in Falling number, Protein content and Zeleny value.
- Excellent leaf health.
- Reliable winter hardiness.
- Low-Input Wheat: Greatest variety in organic farming.

Ponticus

Winter wheat



Premium quality
bread wheat



Yield, Quality¹

Yield untreated 5

Yield treated 5

Protein content 8

Falling number 9

Zeleny value 9

Susceptibility to¹

Lodging 3

Fusarium 5

Powdery mildew 2

Yellow rust 3

Brown rust 4



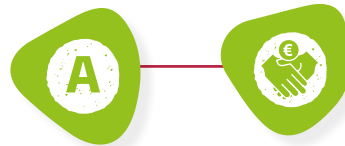
Key points

- High lodging resistance and good winter hardiness.
- Outstanding nitrogen efficiency.
- Safe quality: Very high falling number and high protein content.

¹very low (1) - (9) very high, according to scores of German Bundessortenamt

Absint

Winter wheat



Bread wheat



Yield, Quality¹

Yield (untreated)

6

Yield (treated)

6

Protein content

5

Falling number

9

Falling number stability

++

Susceptibility to¹

Lodging

3

Fusarium

4

Powdery mildew

3

Yellow rust

4

Brown rust

4

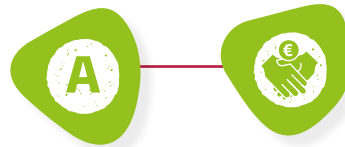


Key points

- Short with best lodging resistance.
- Combines good ear health with good A-quality.
- Nitrogen efficiency with reliable marketing quality.

Cayenne

Winter wheat



Bread wheat



Yield, Quality¹

Yield (untreated)

6

Yield (treated)

6

Protein content

5

Falling number

8

Water uptake

9

Susceptibility to¹

Lodging

4

Fusarium

4

Powdery mildew

2

Yellow rust

2

Brown rust

4



Key points

- Unique quality combination of falling number (8) and water absorption (9).
- Outstanding leaf and ear health.
- Extra benefit: Resistant against Eyespot (pch1).

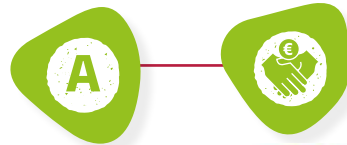
¹very low (1) - (9) very high, according to scores of German Bundessortenamt





Pallas

Winter wheat



Bread wheat



Yield, Quality*

Yield untreated 7

Yield treated 7

Protein content 6

Falling number 8

Loaf volume 7

Susceptibility to*

Winter kill 4

Fusarium 4

Powdery mildew 3

Yellow rust 3

Septoria tritici 4



Key points

- Winterhardy wheat with pch1-resistance.
- Good fusarium resistance, suitable in maize rotation.
- Good baking properties with high protein content.

winterhardy

Pontiform

Winter wheat



Bread wheat
(Premium quality
bread wheat)



Yield, Quality*

Yield untreated 8

Yield treated 7

Protein content 6

Falling number 9

Loaf volume 7

Susceptibility to*

Lodging 3

Winter kill 3

Fusarium 5

Powdery mildew 3

Yellow rust 2



Key points

- Short with excellent lodging resistance.
- Outstanding frost resistance.
- Good resistance against yellow rust and mildew.
- Excellent falling number and stability and superior quality.

* very low (1) - (9) very high, breeders' classification



SU Mangold

Winter wheat



Milling wheat



Yield, Quality*

Yield (untreated)

6

Yield (treated)

7

Protein content

4

Falling number

7

Specific weight

5

Susceptibility to*

Lodging

4

Fusarium

4

Powdery Mildew

3

Yellow rust

3

Septoria tritici

4



Key points

- High yield with good agronomic properties.

- High falling number and stability.
- Balanced health profile.

* very low (1) - (9) very high, breeders' classification



| | Premium quality bread wheat(E) | | Absint |
|-----------------------------|--------------------------------|--------------|-------------|
| | Moschus | Ponticus | |
| Registration | 2016 | 2015 | 2022 |
| Yield | | | |
| Yield untreated | 5 | 5 | 6 |
| Yield treated | 5 | 5 | 6 |
| Ears / m ² | 5 | 5 | 6 |
| Number kernels / ear | 4 | 6 | 4 |
| Thousand kernel weight | 6 | 5 | 6 |
| Quality | | | |
| Specific weight | 6 | 6 | 6 |
| Falling number | 9 | 9 | 9 |
| Falling number stability | + | + | ++ |
| Protein content | 9 | 8 | 5 |
| Zeleny value | 9 | 9 | 7 |
| Water uptake | 8 | 7 | 5 |
| Flour yield | 7 | 7 | 7 |
| Loaf volume | 8 | 8 | 7 |
| Agronomy | | | |
| Heading | medium | medium | medium-late |
| Ripening | medium | medium | medium |
| Plant height | medium | medium-short | short |
| Winter kill | 4* | 4* | 4* |
| Lodging | 4 | 3 | 3 |
| Susceptibility | | | |
| Fusarium | 3 | 5 | 4 |
| Powdery mildew | 2 | 2 | 3 |
| Yellow rust | 3 | 3 | 4 |
| Brown rust | 4 | 4 | 4 |
| Septoria tritici | 4 | 5 | 5 |
| Tan spot (DTR) | 4 | 4 | 5 |
| Eye spot (Pseudocercospora) | 5 | 5 | 5 |

very low (1) - (9) very high
 Falling number stability: + = high; ++ = very high
 * breeders' classification
 n.a. value not available

Bread wheat (A)

A/(E)

Milling wheat (B)

Cayenne

Pallas

Pontiform

SU Mangold

2022

2022

2023

2020

6

7

8

6

6

7

7

7

4

3

6

5

7

5

5

7

5

7

8

5

6

n.a

7

5

8

8

9

7

0

+

++

+

5

6

6

4

7

6

8

5

9

n.a.

7

5

6

n.a.

n.a.

6

7

7

7

5

medium-late

early-medium

medium-late

medium

medium-late

medium

medium-late

medium-late

medium

medium

short

medium

4*

4

3*

4*

4

5

3

4

4

4

5

4

2

3

3

3

2

3

2

3

4

5

5

7

4

4

5

4

5

5

n.a.

5

3

4

5

5



Alternative Wheat WeW[®] - maximum flexibility



When the weather conditions are not optimal or the previous crop is harvested late, it may get too late for sowing winter wheat. Strube's **Alternative Wheat*** offers a new option due to its exceptionally wide sowing window, from




end of October to mid-April because it does not require vernalisation.

Alternative Wheat combines the best properties of winter and spring wheat due to our unique crossing pedigree.



Alternative Wheat

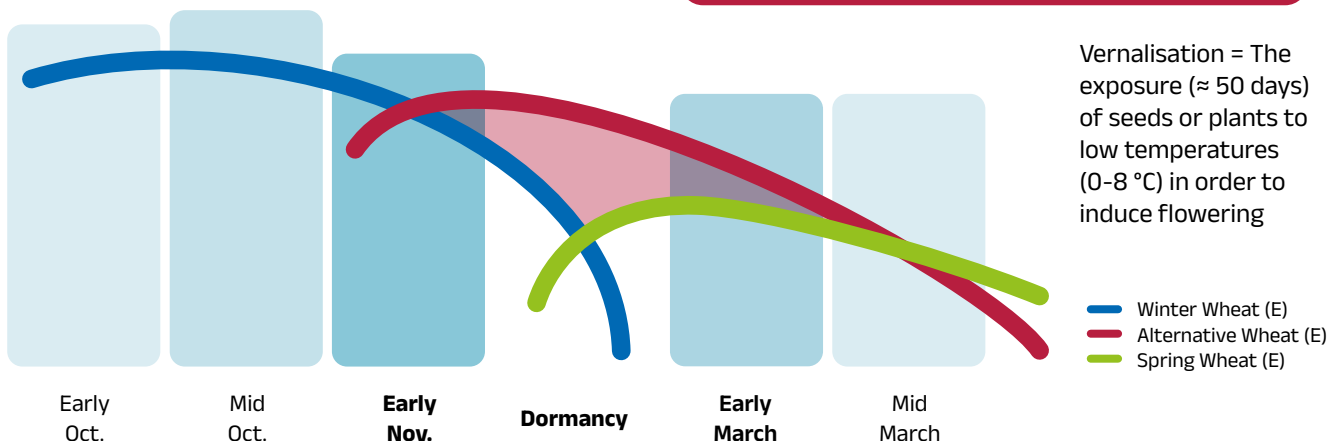
Winter wheat

-  Yield potential
-  Winter hardiness
-  Tolerances/Resistances

Spring wheat

-  Vigour
-  Quality
-  Vitality

Optimum WeW[®] sowing time to maximise your profitability

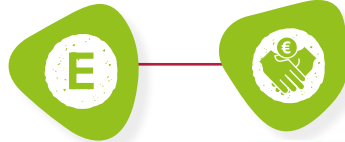


*WeW[®] is a registered trademark for Strube's "Wechselweizen" (Alternative Wheat)



Lennox

Alternative wheat



Premium quality bread wheat



Yield, Quality¹

| | |
|-----------------|---|
| Yield untreated | 6 |
| Yield treated | 4 |
| Protein content | 9 |
| Falling number | 8 |
| Zeleny value | 9 |

Susceptibility to¹

| | |
|------------------|----|
| Lodging | 3 |
| Winter kill | 5* |
| Septoria tritici | 5 |
| Yellow rust | 2 |
| Brown rust | 2 |



Key points

- Targeting late autumn sowing, with excellent baking quality.
- Very resistant against yellow rust and brown rust.
- Short with good lodging resistance.

NEW

STR Pace

Alternative wheat



Bread wheat

EU:
strube

UK, IE:



Yield, Quality¹

| | |
|-----------------|---|
| Yield untreated | 6 |
| Yield treated | 6 |
| Protein content | 7 |
| Falling number | 7 |
| Zeleny value | 9 |

Susceptibility to¹

| | |
|----------------|----|
| Lodging | 3 |
| Winter kill | 3* |
| Powdery mildew | 4 |
| Yellow rust | 5 |
| Brown rust | 2 |



Key points

- Yield stable alternative wheat with very good suitability for late autumn sowing.
- Low susceptibility to lodging.
- Good quality characteristics (protein, falling number).

¹ very low (1) - (9) very high, according to scores of German Bundessortenamt

| | (E) Lennox | (A) STR Pace NEW |
|--------------|----------------------|--|
| Registration | 2014 | 2024 |

Yield

| | | |
|------------------------|---|---|
| Yield untreated | 6 | 6 |
| Yield treated | 4 | 6 |
| Ears / m ² | 4 | 4 |
| Number kernels / ear | 6 | 7 |
| Thousand kernel weight | 6 | 6 |

Quality

| | | |
|--------------------------|------|---|
| Specific weight | n.a. | 5 |
| Falling number | 8 | 7 |
| Falling number stability | + | + |
| Protein content | 9 | 7 |
| Zeleny value | 9 | 9 |
| Water uptake | 7 | 7 |
| Flour yield | 6 | 6 |
| Loaf volume | 8 | 6 |

Agronomy

| | | |
|--------------|------------------|--------------|
| Heading | medium | medium |
| Ripening | medium | medium |
| Plant height | very short-short | medium-short |
| Winter kill | 5* | 3 |
| Lodging | 3 | 3 |

Susceptibility

| | | |
|-----------------------------|------|------|
| Fusarium | 6 | 5 |
| Powdery mildew | 6 | 4 |
| Yellow rust | 2 | 5 |
| Brown rust | 2 | 2 |
| Septoria tritici | 5 | 5 |
| Tan spot (DTR) | n.a. | n.a. |
| Eye spot (Pseudocercospora) | n.a. | n.a. |

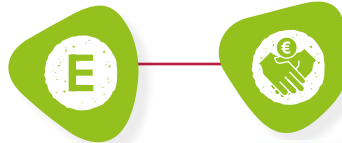
very low (1) - (9) very high
 Falling number stability: + = high; ++ = very high
 * breeders' classification
 n.a. value not available





SU Ahab

Spring wheat



Premium quality
bread wheat



Yield, Quality¹

Yield untreated

6

Yield treated

5

Protein content

7

Falling number

8

Zeleny value

9

Susceptibility to¹

Lodging

4

Fusarium

5

Powdery mildew

5

Yellow rust

5

Brown rust

5



Key points

- E-quality spring wheat with top yield at the level of the best A-varieties.
- Medium maturity with good stability.
- Resistant against orange blossom-midge.

SU Tarrafal

Spring wheat



Premium quality
bread wheat



Yield, Quality¹

Yield untreated

5

Yield treated

4

Protein content

9

Falling number

8

Zeleny value

9

Susceptibility to¹

Lodging

3

Septoria tritici

5

Fusarium

4

Yellow rust

3

Brown rust

4



Key points

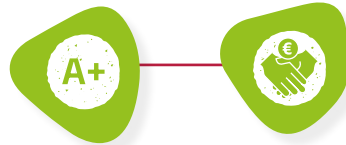
- Outstanding combination of high yield with the highest protein content.
- Resistant against orange blossom midge.
- Best N-efficiency of all spring wheat varieties with good marketing properties

¹ very low (1) - (9) very high, according to scores of German Bundessortenamt



Pireus

Spring Wheat



Bread wheat



Yield, Quality*

| | |
|-----------------|---|
| Yield untreated | 8 |
| Yield treated | 8 |
| Protein content | 8 |
| Falling number | 7 |
| Zeleny value | 9 |

Susceptibility to*

| | |
|------------------|---|
| Lodging | 3 |
| Powdery mildew | 3 |
| Yellow rust | 4 |
| Brown rust | 3 |
| Septoria tritici | 4 |



Key points

- High yield in both tested intensities.
- Short with excellent lodging tolerance.
- Good resistance against all leaf diseases.
- Superior A-quality with very high protein content and zeleny value.

Lobster

Spring wheat



Milling wheat




Yield, Quality*

| | |
|-----------------|---|
| Yield untreated | 7 |
| Yield treated | 8 |
| Protein content | 4 |
| Falling number | 8 |
| Zeleny value | 8 |

Susceptibility to*

| | |
|----------------|---|
| Lodging | 5 |
| Fusarium | 4 |
| Powdery mildew | 3 |
| Yellow rust | 2 |
| Brown rust | 4 |



Key points

- High yield in both tested intensities.
- Good resistance against Fusarium and leaf diseases.
- High to very high falling number and high water absorption.

* very low (1) - (9) very high, breeders' classification

| | Premium quality bread wheat (E) | | Bread wheat (A) | Milling wheat (B) |
|--------------------------|---------------------------------|--------------|-----------------|-------------------|
| | SU Ahab | SU Tarrafal | Pireus | Lobster |
| Registration | 2019 | 2019 | 2023 | 2023 |
| Yield | | | | |
| Yield untreated | 6 | 5 | 8 | 7 |
| Yield treated | 5 | 4 | 8 | 8 |
| Ears / m ² | 4 | 5 | n.a. | 5 |
| Number kernels / ear | 5 | 6 | n.a. | 5 |
| Thousand kernel weight | 7 | 4 | 6 | 8 |
| Quality | | | | |
| Specific weight | 5 | 5 | n.a. | 5 |
| Falling number | 8 | 8 | 7 | 8 |
| Falling number stability | + | + | + | + |
| Protein content | 7 | 9 | 8 | 4 |
| Zeleny value | 9 | 9 | 9 | 8 |
| Water uptake | 8 | 7 | n.a. | 6 |
| Flour yield | 6 | 6 | n.a. | 5 |
| Loaf volume | 8 | 8 | 8 | 4 |
| Agronomy | | | | |
| Heading | medium | medium | medium | medium-late |
| Ripening | medium | medium | medium | medium-late |
| Plant height | short-medium | short-medium | short-medium | medium |
| Lodging | 4 | 3 | 3 | 5 |
| Susceptibility | | | | |
| Fusarium | 5 | 4 | 5 | 4 |
| Powdery mildew | 5 | 7 | 3 | 3 |
| Yellow rust | 5 | 3 | 4 | 2 |
| Brown rust | 5 | 4 | 3 | 4 |
| Septoria tritici | 5 | 5 | 4 | 4 |

very low (1) - (9) very high
 Falling number stability: + = high
 * breeders' classification
 n.a. value not available



strube



Breeding progress
together



Please contact us for
more information

Uwe Diebel

Sales Manager Wheat
Hauptstraße 1 | 38387 Söllingen
M +49 (0)160 96 94 97 21
u.diebel@strube.net



Saaten-Union GmbH
Eisenstraße 12
DE 30916 Isernhagen HB
T +49 (0)511 72666-0
info@saaten-union.de
saaten-union.de



R.A.G.T. Saaten
Deutschland GmbH
Untere Wiesenstraße 7
DE 32120 Hiddenhausen
T +49 (0) 52 21 7 65 20
info@ragt.de
ragt.de



I.G. Pflanzenzucht GmbH
Reichenbachstraße 1
DE 85737 Ismaning
T +49 (0) 89 53 29 50 - 0
info@ig-pflanzenzucht.de
ig-pflanzenzucht.de



Hauptsaaaten
Altenberger Straße 1a
50668 Köln
T +49 221 1638 1120
info@hauptsaaaten.de
hauptsaaaten.de



Agrovista UK Ltd
Rutherford House
Nottingham Science and
Technology Park
University Boulevard
GB-NG7 2PZ Nottingham
T +44 (0) 115 9 39 02 02
enquiries@agrovista.co.uk
agrovista.co.uk

