

Tritordeum

The Golden Cereal



Introduction

Tritordeum is a new cereal to address the Challenges of modern Agriculture and Diet

Tritordeum is a natural cross between durum wheat and wild barley

Story

- **Developed in Spain in 1977**
- **Launched in market in 2014**
- **Vivagran taking over the business in 2021**
- **Active in Europe and Australia**

Sustainability

- **Resistant to heat/drought**
- **Resistant to diseases**
- **Grown under repurchasing contract**
- **Ideal for crop rotation**

Nutrition

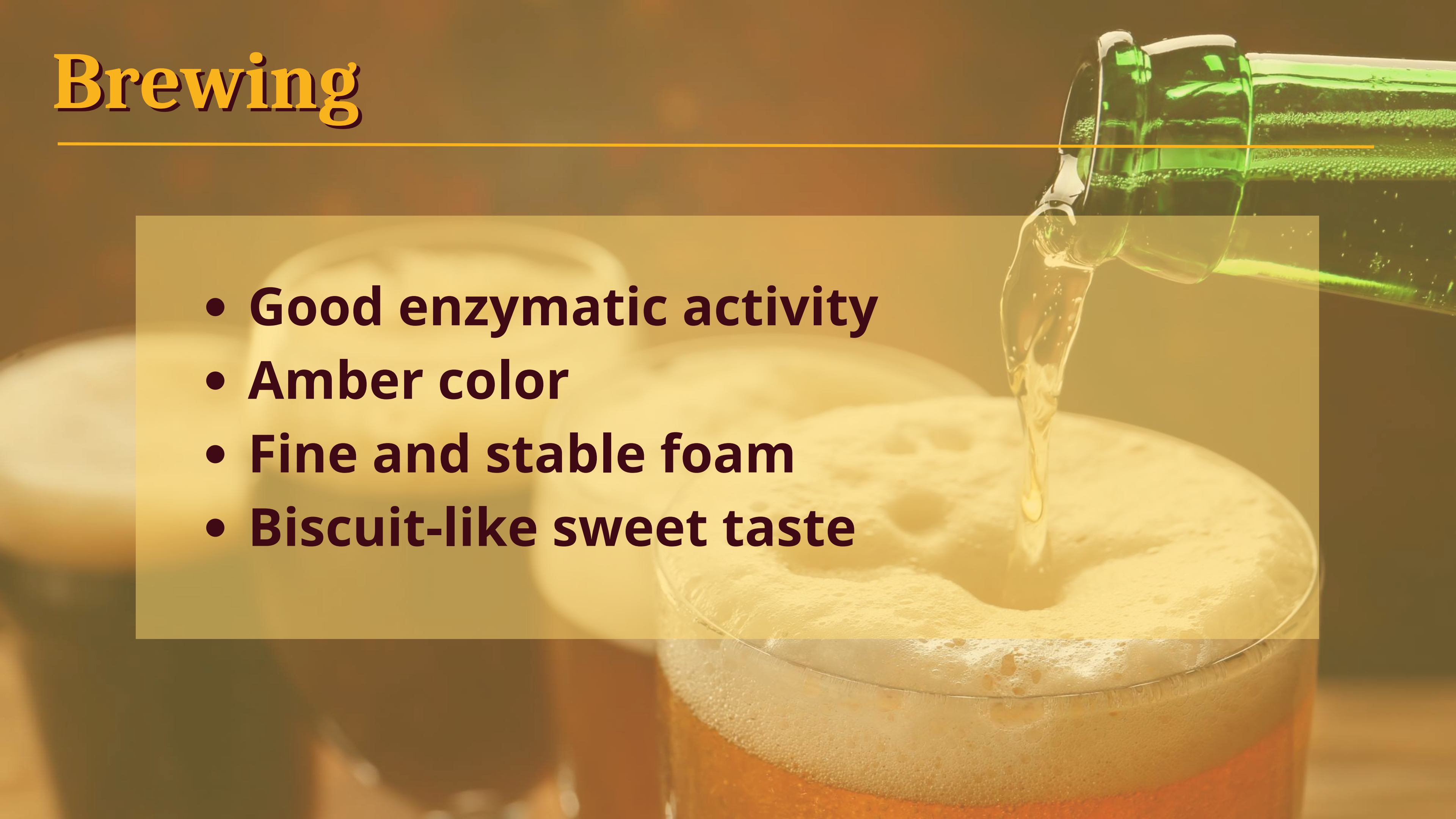
- **Rich in protein, fiber**
- **High in lutein and minerals**
- **Low in immunogenic gliadins from gluten**
- **Ideal for IBS, and non-celiac sensitives***

* scientific publications available

Baking

- **Can be baked at 100%**
- **Handles like wheat**
- **Improves crust and crumb (short-bite)**
- **Attractive golden yellow color**
- **Unique sweet taste profile**

Brewing

- **Good enzymatic activity**
 - **Amber color**
 - **Fine and stable foam**
 - **Biscuit-like sweet taste**
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Distilling

- **Very high DP and DU**
- **High yield, extract**
- **New flavor profile**
- **Non-GN**



Pasta

- **Attractive golden yellow color**
- **Less stickiness after boiling**
- **Similar texture to durum**
- **More flavor in pasta**

Feed

- **Good biomass production**
- **High in protein**
- **High appetence for animals**
- **For egg, milk and meat superior quality**

Taste

- **Attractive golden yellow color**
- **New taste profile in food and beverages**
- **Improves tastes when used as additive**
- **Dairy-, Biscuit-, Nutty-like taste**

Portfolio

- **3 commercial varieties**
- **Conventional and Organic grains**
- **Atlantis Malt Series: a range of 4 malts**
- **Refined and Wholegrain flours**

Brand. Our Values

- 1. Health and Well-being**
- 2. Sustainability**
- 3. Integrity and Transparency**
- 4. Innovation**
- 5. Community and Collaboration**
- 6. Passion for Quality**

Brand. 4 key attributes

1. **Sustainable**
2. **Technological**
3. **Nutritious**
4. **Tasty**



Value-Chain

- **Vivagran: Breeding, IP Licensing, Branding**
- **All seed/grain production under contract**
- **Exclusivity on germplasm**

R&D

- **Multiple collaborations in fields of agronomy, nutrition, applications,...**
- **More than 150 scientific publications available**

Recent Launch

- **Range of 4 Tritordeum malts by Boortmalt**
- **For brewing, distilling and food applications**
- **Grains and Flours**

A close-up photograph of a person's hand reaching out to touch a stalk of wheat in a field. The background is a soft, out-of-focus landscape with more wheat stalks and a clear sky. The overall tone is warm and natural.

For more information, consult our web:

www.tritordeum.com

www.vivagran.nl



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