



DESCRIPTION: MUNICH is a performance-selected isolate from a classic Weihenstephan lager strain, selected for crisp, clean fermentation character with minimal ester production. MUNICH performs well in traditional cold fermentation and remains clean and stable at the upper end of its fermentation range, including under pressure up to 12 PSI / 0.8 bar.

RECOMMENDED STYLES: Pilsner, Helles, Dunkel, Märzen, and Bock.

COMPOSITION & TECHNICAL CHARACTERISTICS:

- **Yeast Strain:** *Saccharomyces pastorianus*
- **Fermentation Range:** 50–64°F/10–18°C
- **Flocculation:** Medium to High
- **Apparent Attenuation:** 75–80%
- **Fermentation Profile:** Crisp, clean, minimal esters
- **Alcohol Tolerance:** Up to 10.5% ABV
- **Pressure Tolerance:** Up to 12 PSI / 0.8 bar
- **POF:** Negative
- **STA-1:** Negative
- **PCR Verified:** Purity and consistency

DOSAGE:

- Pitch 80–150 g/hL, or 90–170 g/bbl
- One 15 g sachet treats approximately 5–6 gallons / 19–23 L
- For larger homebrew volumes, use 2–3 grams per gallon of wort, rounding up to the next full sachet
- Use the higher end of the range for higher-gravity lagers or more demanding fermentation conditions

DIRECT PITCH OR REHYDRATE: MUNICH yeast is designed to be sprinkled directly onto the surface of your wort with no rehydration required. For clean lager character, ferment within the recommended temperature range. When fermenting warm under pressure, MUNICH can maintain a clean, crisp profile up to 12 PSI / 0.8 bar.

While not required, some users prefer to rehydrate yeast. To hydrate yeast, first sanitize the yeast brick and scissors. Use 10 grams of sterilized tap water at 85–95°F/29–35°C, mixed with 0.25 grams of FermStart per gram of yeast. Sprinkle yeast on the water. Allow the slurry to stand undisturbed for 20 minutes, then swirl. Use small amounts of fermenting base to adjust the temperature to within 10°F/6°C of the fermentation temperature before pitching.

STORAGE: Store in the original sealed packaging, away from light, in a dry and odorless place. Store at a temperature of <68°F/20°C. Do not freeze. Use immediately after opening. **SHELF LIFE:** 24 months.