

# Harvest LB-1

The technique for crafting a flavorful sour beer in less than 16 hours

**CHR HANSEN**

*Improving food & health*

## Kettle souring in less than 16 hours

Harvest LB-1 is a concentrated *Lactobacillus plantarum* for the production of sour beer

### Fermentation characteristics

- › Optimal temperature range: 70-100° F
- › Neutral to fruity aroma profile
- › From pH 5.5 to 3.5 in ~ 16 hours
- › Can acidify wort to pH 3.2

### Main benefits of Harvest LB-1

- › Direct inoculation: 1 sachet for 8-10 BBL
- › Freeze-dried, thus ready when you need it
- › Dairy free, high cell count and activity
- › Industry leading Quality Standards
- › Consistent and reliable performer

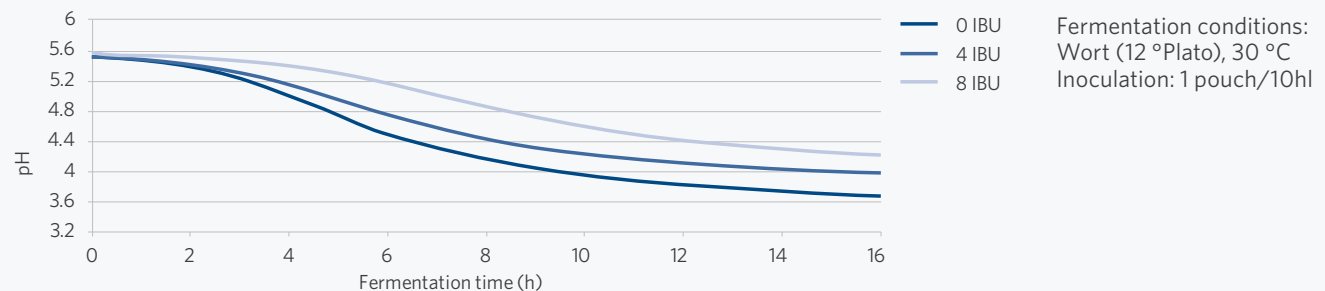
Harvest LB-1 only requires your pure brewing skills

### Application

Dosage	1 sachet for 8-10 BBL wort; direct from freezer to kettle
Pitching	Dissolve homogeneously in the wort
Fermentation temp	70 - 100 °F (85 °F is optimal)
Mixing	Mix the kettle content for optimal fermentation speed
CO <sub>2</sub> blanket	Optional to minimize oxidation
pH adjustment	Not required after initial wort boiling
Homofermentative	Converts glucose, fructose, sucrose and maltose into lactic acid only

### Souring time

Fastest souring is achieved at low IBU levels. Harvest LB-1 tolerates 8 IBU, which minimizes risk of the cross contamination in the brewery.



Exclusively distributed by Gusmer Enterprises

Phone: 559-485-2692, Toll Free: 866-213-1131  
sales@gusmerenterprises.com  
www.gusmerenterprises.com

Chr. Hansen A/S  
www.chr-hansen.com

The information contained herein is presented in good faith and is, to the best of our knowledge and belief, true and reliable. It is offered solely for your consideration, testing and evaluation, and is subject to change without prior and further notice unless otherwise required by law or agreed upon in writing. There is no warranty being extended as to its accuracy, completeness, currentness, noninfringement, merchantability or fitness for a particular purpose. To the best of our knowledge and belief, the product(s) mentioned herein do(es) not infringe the intellectual property rights of any third party. The product(s) may be covered by pending or issued patents, registered or unregistered trademarks, or similar intellectual property rights. All rights reserved.