

- 5 BRAUWELT INTERNATIONAL | MARKET**  
The empire strikes back

## **BRAUWELT INTERNATIONAL | KNOWLEDGE**

### **BREWHOUSE**

- 10** Basics of boil-off of aroma substances in beer production – Part 2  
**48** ShakesBeer improves filterability characteristics

### **RAW MATERIALS**

- 14** Adventures in dry-hopping with German aroma varieties  
**17** There is more to hops than simply  $\alpha$ -acids  
**30** The use of 100 percent unmalted barley

### **CLEANING**

- 22** Design of brewhouse CIP plants – New practical experience (Part 1)

### **YEAST MANAGEMENT**

- 26** Yeast Propagation Manager (YPM)

### **REFRIGERATION**

- 33** Multi Evap Split Refrigeration in breweries

### **HEALTH**

- 35** The Glycemic Index of beverages

### **DATA MANAGEMENT**

- 45** Support for production management

## **BRAUWELT INTERNATIONAL | NEWS**

- 32** Burger King to sell beer... but in selected outlets only  
**40** VLB News

## **BRAUWELT INTERNATIONAL | PORTRAIT**

- 42** Technology and social conscience

## **BRAUWELT INTERNATIONAL | ONLINE**

- 51** Searching RAUWELT 101

## **BRAUWELT INTERNATIONAL | SECTIONS**

- 3** EDITORIAL  
**24** IMPRINT