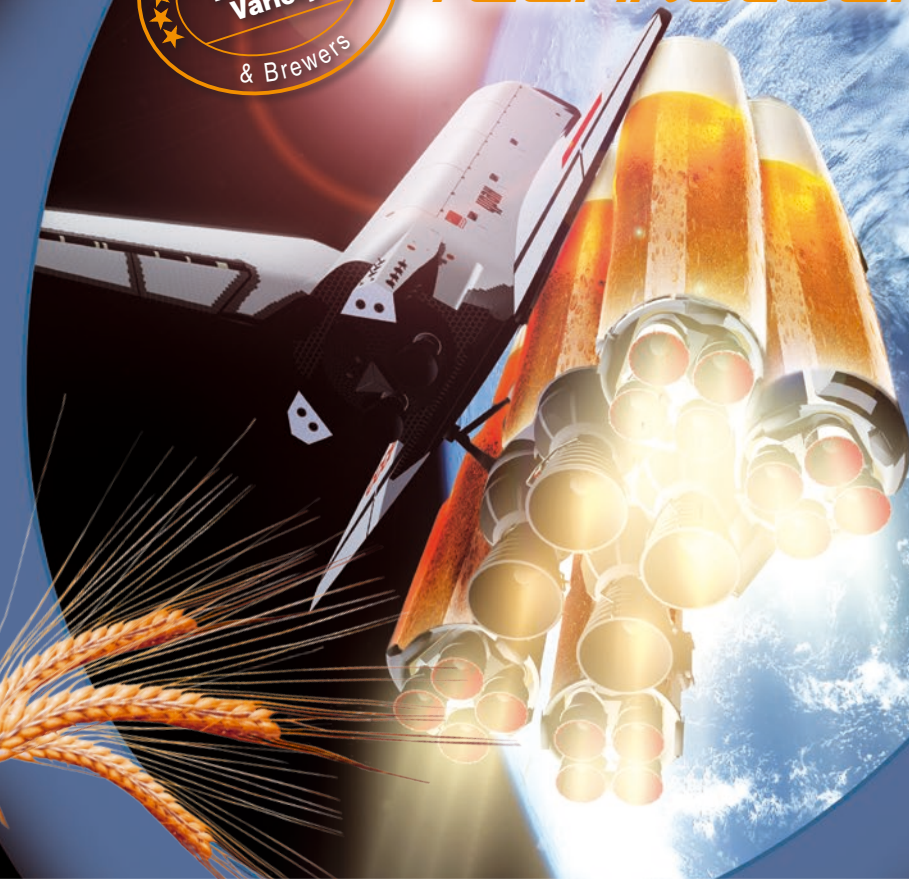


Spring malting barley

# EXPLORER



TO EXPLORE NEW  
TECHNOLOGIES



- Excellent maltability (high friability, very low viscosity - Beta-glucan, ...)
- Excellent brewing (very quick filtration)
- High yield



Breeder

**SECOBRA**  
Recherches

Centre de Bois-Henry  
78580 MAULE - France  
Tel: +33 (0)1 34 75 84 40  
Fax: +33 (0)1 30 90 76 69  
[www.secobra.com](http://www.secobra.com)

## A NEW STEP IN YIELD WITH PRECOCITY



	2009 (% SEBASTIAN)	2011 (% SEBASTIAN)	2013 (% SEBASTIAN)	2015 (% SEBASTIAN)
<b>Locations</b>	15	48	85	28
<b>SEBASTIAN</b>	100	100	100	100
<b>EXPLORER</b>	<b>104.5</b>	<b>104.2</b>	<b>103.7</b>	<b>105.9</b>

Origin : SECOBRA Recherches Trials

### REGISTRATIONS:



**FRANCE**



**CZECH REPUBLIC**



**SLOVAKIA**



**SERBIA**



**RUSSIA**



**BELARUSSIA**



**UKRAINE**



**BALTIC COUNTRIES**



**ARGENTINA**



**URUGUAY**



**Good grading** (SEBASTIAN level)



**Low protein content** (- 0,3% / SEBASTIAN , 91 locations)



**Good resistance to leaves diseases**

# A NEW STEP IN MALTING AND BREWING PROCESS



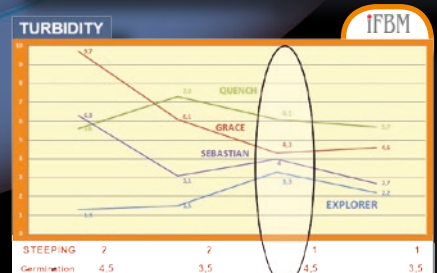
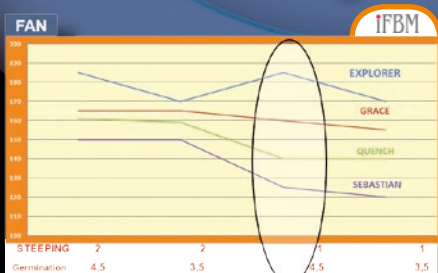
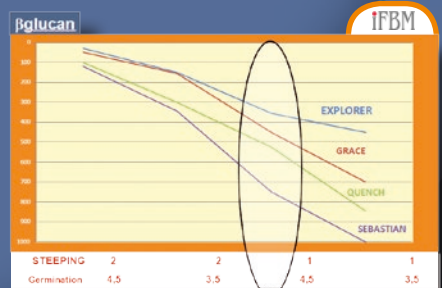
**Quality CBMO**  
Harvest 2009 & 2010  
IFBM analyses

	SEBASTIAN	EXPLORER
Extract (% m.s.)	82.2	82.2
Colour (EBC)	3.0	3.5
Total Proteins (% m.s.)	9.8	9.4
Soluble Proteins (% m.s.)	3.8	4.4
Kolbach Index	39	46
Diastatic Power (WK m.s.)	341	303
Viscosity (mPa.s.)	1.53	1.46
Friability (%)	83.3	95.0
<b>QUALITY INDEX (SEBASTIAN + SCARLETT)</b>		<b>B</b>
Limit Attenuation (%)	81.7	83.1
Alpha-amylase (U.D. m.s.)	43.8	50.8
Beta-glucans (mg/l)	164.0	41.0
F.A.N. (mg/l)	137.7	173.2
TEPRAL Filtration : for 350 g (min)	0:10:02	0:07:30
pDMS (mg/kg)	1.4	1.8
<b>FONCTIONNEL INDEX (SEBASTIAN + BELLINI)</b>		<b>A</b>



**Preferred variety by CBMO for crop 2015**

## Process flexibility (Harvest 2010 – France – IFBM analyses)





***A DEVELOPMENT OVER  
ALL EUROPE, AND MORE...***

**The reference:**

- **Agromony:** earliness, yield, grading...
- **Malting:** good disaggregation with lower moisture, steeping
- **Brewing:** fast filtration time, referred by worldwide brewers



Breeder  
**SECOBRA**  
Recherches

Centre de Bois-Henry  
78580 MAULLE - France  
Tel: +33 (0)1 34 75 84 40  
Fax: +33 (0)1 30 90 76 69  
[www.secobra.com](http://www.secobra.com)