

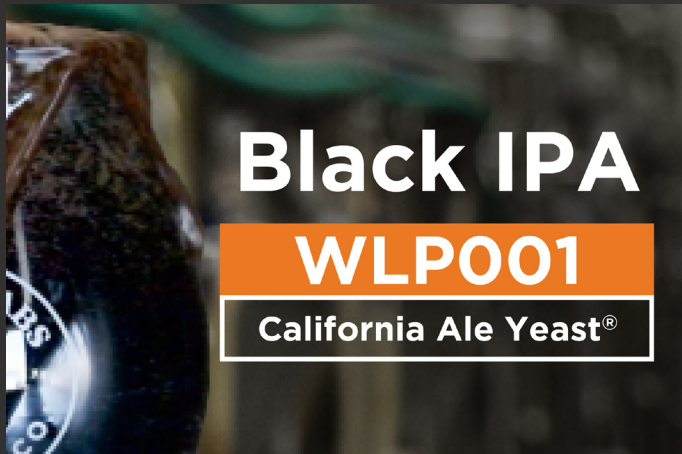
# Black IPA

10BBL BATCH

TWO 5BBL FERMENTATIONS

## SPLIT BATCH | SAME BEER DIFFERENT YEAST STRAINS

Don't let the darkness deceive you. A grain bill with darker malts, it appears as heavy beer but it actually has the taste, body and aroma of an IPA with subtle hints of roastiness.



White Labs wouldn't be here without our first yeast strain produced in 1995, WLP001 California Ale Yeast®. This strain is a favorite in our collection and is used in some of the best beers around the world.

**The Yeast Bay Strains now available through White Labs!** Midwestern Ale yeast is a single strain of *Saccharomyces cerevisiae* isolated from a storied brewery in the heartland of America, well suited for fermentation across a broad style spectrum.

### TASTING NOTES:

Baker's Chocolate | Citrusy

### TASTING NOTES:

Chocolate Malt Ball | Pine

STATS	
ABV(%):	7.5
IBU(ppm):	56.5
OG/Plato:	1.069/16.7P
FG/Plato:	1.014/3.6P
Gluten (ppm):	165

STATS	
ABV(%):	6.9
IBU(ppm):	70.5
OG/Plato:	1.069/16.7P
FG/Plato:	1.016/4.2P
Gluten (ppm):	83.1

ABV (alcohol by volume)  
IBU (international bitterness units)

OG (original gravity)  
FG (final gravity)

# Black IPA

# 10BBL BATCH

TWO 5BBL FERMENTATIONS



## YEAST:

2 PPNG Pouches for 0.75 mil cells/mL/P  
**WLP001 California Ale Yeast®** or  
**WLP4040 Midwestern Ale Yeast**



## MALT:

Pale Malt (340kg/80.8%)  
 Midnight Wheat (17kg/4.0%)  
 Chocolate Malt (14kg/3.3%)



## HOPS:

BOIL	WHIRLPOOL	DRY HOP
<b>Magnum</b> (0.5kg/30min)	<b>Chinook</b> (1.1kg/30min)	<b>Chinook</b> (2.2kg)
	<b>Simcoe</b> (1.2kg/30min)	<b>Simcoe</b> (2.2kg)
	<b>Amarillo</b> (1.5kg/30min)	<b>Amarillo</b> (2.2kg)



## OTHER:

- ▶ **Rice Hulls**
- ▶ **Servomyces**  
(12g/ 5 Min End of Boil)
- ▶ **Pitch Clarity Ferm**  
(300mL) during KO for proper mixing
- ▶ **Pitch Brewzyme-D**  
(75mL) during KO for proper mixing

## DRY HOP:

- ▶ **Day 7** - Dry Hop & CO2 burst
- ▶ **Day 11** - Trub Drump
- ▶ **Day 13** - Capped/Crashed

## CELLAR FUN:

- ▶ **KO Temp: 19°C**
- ▶ **Aerated to 15 ppm**
- ▶ **Trub dump at 24 hours**



## Gravity (Plato)

	WLP001	WLP4040
<b>App. Attenuation (%):</b>	<b>79.3</b>	<b>75.1</b>
<b>Starting pH:</b>	<b>5.0</b>	<b>5.0</b>
<b>Final pH:</b>	<b>4.8</b>	<b>4.6</b>
<b>Ferm Temp (°C)</b>	<b>19</b>	<b>19</b>
<b>Ferm Temp (°F)</b>	<b>66</b>	<b>66</b>

