



# SIERRA PALE ALE



## ALL-GRAIN METHOD (13090)

- 5.2kg JW Traditional Ale



## SPECIALTY MALTS

- 0.45kg JW Crystal Light



## SUGGESTED YEAST

### Liquid:

- Wyeast 1056 American Ale

### Dry:

- SafAle US-05
- Lallemand BRY-97
- MG American Ale
- MJ M44 West Coast



## HOPS

Note: Times refer to 'time remaining in boil'

- |       |         |   |        |                  |
|-------|---------|---|--------|------------------|
| ▪ 30g | Cascade | @ | 60 min | (Bittering hops) |
| ▪ 45g | Cascade | @ | 30 min | (Flavour hops)   |
| ▪ 30g | Cascade | @ | 0 min  | (Aroma hops)     |



## OTHER ADDITIONS

Note times refer to 'time remaining in boil'

- Whirlfloc Tablet @ 10 min (Boil)

A beginner brewing guide with instructions can be located on our website: [brewmart.com.au](http://brewmart.com.au), All Grain Recipes



## BREWDAY RECORD KEEPING

Date Brewed: .....

Vol into Fermenter: .....

Original Gravity: .....

Fermentation temp: .....

No. of days in Fermenter: .....

Final Gravity: .....

ABV: .....

Yeast strain used: .....



## BEER STATS

Batch volume: 23l

Pre-boil volume: 28l

Mash temp: 65°C

Mash time: 60 mins

Boil time: 60 mins

Estimated O.G. : 1.054

Estimated F.G. : 1.012

Estimated ABV : 5.5%

SRM : 10.5

IBUs : 38

## NOTES



MY RATING:

1 2 3 4 5

Tasting date:

Appearance:

Aroma:

Taste:

Overall:

## BEER JUDGE CERTIFICATION PROGRAM STYLE DESCRIPTION

**Overall:** A pale, refreshing, and hoppy ale, yet with sufficient supporting malt to make the beer balanced and drinkable. The clean hop presence can reflect classic or modern American or New World hops.

**Aroma:** Moderate to strong hop aroma with a wide range of possible characteristics including citrus, floral, pine, resinous, tropical fruit, and stone fruit. Fruity esters vary from moderate to none.

**Appearance:** Pale golden to light amber. Moderately large white to off-white head with good retention. Generally quite clear, although dry-hopped versions may be slightly hazy.

**Flavour:** Moderate to high hop flavour. Low to moderate clean grainy-malt character supports the hop and may show small amounts of specialty malt character (bready, toasty, biscuity). Moderate to high hop bitterness with a medium to dry finish.

**Mouthfeel:** Medium-light to medium body. Moderate to high carbonation. Overall smooth finish without astringency and harshness.