

# West Coast IPA v6 #62

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **68**
- SRM **4.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.5 liter(s)**
- Boil time **130 min**
- Evaporation rate **9 %/h**
- Boil size **27.6 liter(s)**

## Mash information

- Mash efficiency **84.7 %**
- Liquor-to-grist ratio **3.93 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **25.1 liter(s)**

## Steps

- Temp **64 C**, Time **70 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **20 liter(s)** of strike water to **69.6C**
- Add grains
- Keep mash **70 min** at **64C**
- Keep mash **5 min** at **76C**
- Sparge using **12.7 liter(s)** of **76C** water or to achieve **27.6 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking pilzneński	3 kg (58.8%)	80 %	4
Grain	Viking pale ale	2.1 kg (41.2%)	79 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	26 g	60 min	14.7 %
Aroma (end of boil)	Simcoe	20 g	15 min	13.2 %
Aroma (end of boil)	Amarillo	20 g	10 min	8.7 %
Aroma (end of boil)	Simcoe	30 g	5 min	13.2 %
Aroma (end of boil)	Amarillo	30 g	1 min	8.7 %
Dry Hop	Amarillo	50 g	3 day(s)	8.7 %
Dry Hop	Simcoe	50 g	3 day(s)	13.2 %
Dry Hop	Cascade PL	50 g	3 day(s)	5.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Slant	130 ml	Fermentum Mobile
gęstwa 1 dniowa				

## Extras

Type	Name	Amount	Use for	Time
Water Agent	gips	6 g	Mash	80 min
Water Agent	kwas mlekowy 80% [ml]	4.78 g	Mash	80 min
Water Agent	chlorek wapnia [ml]	1.72 g	Mash	80 min
Water Agent	epsom	3.5 g	Mash	80 min
Water Agent	mech irlandzki	3 g	Boil	5 min