

## West Coast IPA v2

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- Gravity **15.3 BLG**
- ABV ---
- IBU **72**
- SRM **5.2**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss --- **liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size --- **liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.3 liter(s)**
- Total mash volume **24.8 liter(s)**

### Steps

- Temp **66 C**, Time **50 min**
- Temp **75 C**, Time **10 min**

### Mash step by step

- Heat up **19.3 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **50 min** at **66C**
- Keep mash **10 min** at **75C**
- Sparge using **-13.8 liter(s)** of **76C** water

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (54.5%)	81 %	4
Grain	Pale Ale Strzegom	2 kg (36.4%)	80 %	6
Grain	Pszeniczny Strzegom	0.5 kg (9.1%)	75 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	40 g	60 min	12 %
Boil	Summit	10 g	60 min	15.5 %
Boil	lunga	15 g	30 min	11 %
Whirlpool	Ahtanum	10 g	0 min	5 %
Dry Hop	Sorachi Ace	50 g	4 day(s)	12 %
Dry Hop	Mosaic	40 g	4 day(s)	12.1 %
Dry Hop	Ahtanum	10 g	4 day(s)	5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11 g	Fermentis

### Extras

Type	Name	Amount	Use for	Time
Water Agent	Gips piwowarski	20 g	Mash	---