

# SINGLE HOP CASCADE APA (Nearly Nirvana Pale Ale)

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **44**
- SRM **4.6**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (83.3%)	80 %	5
Grain	Viking Pilsner malt	1 kg (16.7%)	82 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	25 g	60 min	7.3 %
Boil	Cascade PL	25 g	45 min	7.3 %
Boil	Cascade PL	25 g	15 min	7.3 %
Boil	Cascade PL	25 g	0 min	7.3 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	10 g	Fermentis

## Notes

- Luźna interpretacja <https://www.homebrewersassociation.org/homebrew-recipe/nearly-nirvana-pale-ale>  
Jul 11, 2024, 11:55 PM