

# Equanot 2020 ver 3.0

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **133**
- SRM **5.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **9 %**
- Size with trub loss **12 liter(s)**
- Boil time **60 min**
- Evaporation rate **16 %/h**
- Boil size **16 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.4 liter(s)**
- Total mash volume **14.6 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **11.4 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **7.9 liter(s)** of **76C** water or to achieve **16 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Malt - Pale Ale	3 kg (92.3%)	80 %	7
Grain	Weyermann - Zakwaszający	0.25 kg (7.7%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Equanot (2020 - USA)	10 g	60 min	14.9 %
Boil	Equanot (2020 - USA)	30 g	20 min	14.9 %
Boil	Equanot (2020 - USA)	30 g	10 min	14.9 %
Boil	Equanot (2020 - USA)	30 g	1 min	14.9 %
Whirlpool	Equanot (2020 - USA) - hopstand	40 g	20 min	14.9 %
Dry Hop	Equanot (2020 - USA) - burzliwa	30 g	2 day(s)	14.9 %

## Yeasts

Name	Type	Form	Amount	Laboratory
------	------	------	--------	------------

Gozdawa - Pure Ale Yeast 7	Ale	Slant	300 ml	Gozdawa
----------------------------	-----	-------	--------	---------

### Extras

Type	Name	Amount	Use for	Time
Fining	Whirfloc	1 g	Boil	5 min
Water Agent	MgSO4	6 g	Mash	70 min
Water Agent	NaCl	4 g	Mash	70 min
Other	Woda olsztyńska (Nagórki) - zacieranie	12000 g	Mash	70 min
Other	Woda olsztyńska (Nagórki) - wysładzanie	10000 g	Mash	70 min