

Czy to mozliwe? Tanio szybko dobrze Hazy ipa

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **27**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.9 liter(s)**
- Total mash volume **13.2 liter(s)**

Steps

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

Mash step by step

- Heat up **9.9 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **8.6 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2.1 kg (63.6%) | 80 % | 5 |
| Grain | Pszeniczny | 0.6 kg (18.2%) | 85 % | 4 |
| Grain | Płatki pszeniczne | 0.3 kg (9.1%) | 60 % | 3 |
| Grain | Płatki owsiane | 0.3 kg (9.1%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|------------|----------|--------|-----------|------------|
| First Wort | Marynka | 3 g | 60 min | 10 % |
| Whirlpool | Athanium | 18 g | 30 min | 5.2 % |
| Whirlpool | Idaho 7 | 18 g | 30 min | 12.7 % |
| Dry Hop | Idaho 7 | 21 g | 12 day(s) | 12.7 % |
| Dry Hop | Athanium | 32 g | 3 day(s) | 5.2 % |
| Dry Hop | Idaho 7 | 36 g | 3 day(s) | 12.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---|------|------|--------|------------|
| Lallemand - LalBrew American East Coast - New England | Ale | Dry | 7.2 g | Lallemand |

Notes

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

- Overnight mash
Podgrzać do 68 stopni wylaczyc palnik, zostawic na 15h i kontynuować normalna filtracje.

<https://www.blog.homebrewing.pl/new-england-ipavermont-ipa/>

Koszt takie piwa:

Chmiel z wfp = 75 g idaho, 50 g ahtanum

Drozdze(gęstwa) = 10 PLN (start)

Woda (15l) = 0,2 PLN

Gaz itp około = 5 PLN max 10

Słod Pale Ale (2,4kg licze) = $2,1 * 6,0 = 14,4$ PLN

Pszeniczny (0,6) = $0,6 * 6$

Płatki owsiane(0,3) = $0,3 * 7,35$

Płatki pszenne (0,3) = $0,3 * 8,9$

Suma 35,675

(30,8 + 2,205 + 2,67)

Suma 1,49 PLN za butelke z gazem

Doliczając lodówke i środki dezynfekcji z gazem około 1,8PLN za butelke. Piwo do butelkowania po 3 tyg.

Jezeli utniemy chmiel (bo dostalismy na wfp) to 0,88 pLN za butle

Zrób z ahtanum

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