

# 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  | Athnum  | 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    | Athnum  | 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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