

HB session India pale ale 12

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **38**
- SRM **3.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.4 liter(s)**
- Total mash volume **19.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 4 kg (87%) | 80 % | 5 |
| Grain | płatki jęczmienne | 0.4 kg (8.7%) | 60 % | 4 |
| Sugar | Glukoza | 0.2 kg (4.3%) | 100 % | 0 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------|--------|----------|------------|
| Boil | Chinook | 30 g | 40 min | 13 % |
| Aroma (end of boil) | Sorachi Ace | 30 g | 0 min | 10 % |
| Dry Hop | Centennial | 100 g | 2 day(s) | 10.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|--------|--------|------------------|
| FM52 Amerykański Sen | Ale | Liquid | 40 ml | Fermentum Mobile |

Notes

- <https://homebrewing.pl/session-ipa-12blg-zestaw-surowcow-20l-p-1436.html>
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