

# ipa

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- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **45**
- SRM **6.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **20.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Fermentables

| Type  | Name                 | Amount       | Yield | EBC |
|-------|----------------------|--------------|-------|-----|
| Grain | golden ale viking    | 2 kg (40%)   | 80 %  | 12  |
| Grain | Pszeniczny           | 0.5 kg (10%) | 85 %  | 4   |
| Grain | Viking Pale Ale malt | 2.5 kg (50%) | 80 %  | 5   |

## Hops

| Use for | Name       | Amount | Time   | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil    | Centennial | 25 g   | 60 min | 9.7 %      |
| Boil    | Centennial | 40 g   | 10 min | 8.8 %      |