

# IPA z earl greyem

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- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **54**
- SRM **4.3**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **6 %**
- Size with trub loss **10.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **13.2 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **9.5 liter(s)**
- Total mash volume **12.3 liter(s)**

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2.5 kg (89.3%) | 80 %  | 5   |
| Grain | Pszeniczny           | 0.3 kg (10.7%) | 85 %  | 4   |

## Hops

| Use for | Name                   | Amount | Time     | Alpha acid |
|---------|------------------------|--------|----------|------------|
| Boil    | Columbus/Tomahawk/Zeus | 10 g   | 60 min   | 16.8 %     |
| Boil    | Cascade                | 30 g   | 15 min   | 6.9 %      |
| Dry Hop | Cascade                | 70 g   | 2 day(s) | 6.9 %      |

## Extras

| Type  | Name      | Amount | Use for   | Time     |
|-------|-----------|--------|-----------|----------|
| Spice | earl grey | 30 g   | Secondary | 1 day(s) |