

## 60 minutes Imperial IPA

- Gravity **22.5 BLG**
- ABV ---
- IBU **120**
- SRM **20.7**
- Style **Imperial IPA**

### Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **10 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **26.6 liter(s)**

### Fermentables

| Type           | Name       | Amount     | Yield | EBC |
|----------------|------------|------------|-------|-----|
| Dry Extract    | Bruntal    | 6 kg (75%) | 95 %  | 15  |
| Liquid Extract | profimator | 2 kg (25%) | 65 %  | 60  |

### Hops

| Use for | Name                   | Amount | Time   | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil    | Chinook                | 10 g   | 60 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 10 g   | 60 min | 14.9 %     |
| Boil    | Chinook                | 10 g   | 55 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 10 g   | 55 min | 14.9 %     |
| Boil    | Chinook                | 10 g   | 50 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 10 g   | 50 min | 14.9 %     |
| Boil    | Chinook                | 10 g   | 45 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 10 g   | 45 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 40 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 40 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 35 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 35 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 30 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 30 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 25 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 25 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 20 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 20 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 15 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 15 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 10 min | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 10 min | 14.9 %     |
| Boil    | Chinook                | 5 g    | 5 min  | 13.5 %     |
| Boil    | Columbus/Tomahawk/Zeus | 5 g    | 5 min  | 14.9 %     |

|         |            |      |           |        |
|---------|------------|------|-----------|--------|
| Boil    | Cascade    | 20 g | 5 min     | 6 %    |
| Dry Hop | Centennial | 30 g | 14 day(s) | 10.5 % |
| Dry Hop | Cascade    | 30 g | 14 day(s) | 6 %    |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |