

# Rozpierzalator

- Gravity **20.3 BLG**
- ABV ---
- IBU **90**
- SRM **13.2**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2.66 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **27.5 liter(s)**

## Fermentables

| Type  | Name              | Amount         | Yield | EBC |
|-------|-------------------|----------------|-------|-----|
| Grain | Pale Ale          | 5.5 kg (73.3%) | 80 %  | 4   |
| Grain | Monachijski       | 1.5 kg (20%)   | 80 %  | 16  |
| Grain | Aromatic Malt     | 0.2 kg (2.7%)  | 78 %  | 51  |
| Grain | Fawcett - Crystal | 0.3 kg (4%)    | 70 %  | 160 |

## Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Summit   | 30 g   | 60 min   | 17 %       |
| Boil                | Cascade  | 20 g   | 40 min   | 6 %        |
| Boil                | Cascade  | 10 g   | 15 min   | 6 %        |
| Boil                | Amarillo | 20 g   | 30 min   | 9.5 %      |
| Boil                | Amarillo | 10 g   | 15 min   | 9.5 %      |
| Boil                | Amarillo | 10 g   | 10 min   | 9.5 %      |
| Aroma (end of boil) | Amarillo | 30 g   | 5 min    | 9.5 %      |
| Boil                | Citra    | 10 g   | 15 min   | 12 %       |
| Boil                | Citra    | 10 g   | 10 min   | 12 %       |
| Aroma (end of boil) | Citra    | 10 g   | 5 min    | 12 %       |
| Dry Hop             | Citra    | 20 g   | 7 day(s) | 12 %       |
| Dry Hop             | Amarillo | 20 g   | 7 day(s) | 9.5 %      |

## Yeasts

| Name                              | Type | Form | Amount | Laboratory      |
|-----------------------------------|------|------|--------|-----------------|
| Mangrove Jack's M44 US West Coast | Ale  | Dry  | 20 g   | Mangrove Jack's |