

# Gwałt Chmielu

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **139**
- SRM **9.3**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **10 %**
- Size with trub loss **18.7 liter(s)**
- Boil time **85 min**
- Evaporation rate **10 %/h**
- Boil size **23.3 liter(s)**

## Fermentables

| Type           | Name    | Amount        | Yield | EBC |
|----------------|---------|---------------|-------|-----|
| Liquid Extract | Bruntal | 3.4 kg (100%) | 81 %  | 26  |

## Hops

| Use for             | Name     | Amount | Time   | Alpha acid |
|---------------------|----------|--------|--------|------------|
| Boil                | Amarillo | 15 g   | 75 min | 9.5 %      |
| Boil                | Citra    | 15 g   | 75 min | 12 %       |
| Boil                | Chinook  | 15 g   | 75 min | 13 %       |
| Boil                | Simcoe   | 15 g   | 75 min | 13.2 %     |
| Boil                | Cascade  | 15 g   | 75 min | 6 %        |
| Aroma (end of boil) | Amarillo | 15 g   | 10 min | 9.5 %      |
| Aroma (end of boil) | Citra    | 15 g   | 10 min | 12 %       |
| Aroma (end of boil) | Chinook  | 15 g   | 10 min | 13 %       |
| Aroma (end of boil) | Simcoe   | 15 g   | 10 min | 13.2 %     |
| Aroma (end of boil) | Cascade  | 15 g   | 10 min | 6 %        |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 9.5 g  | Fermentis  |