

## #21 APA - reaktywacja

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **45**
- SRM **8.9**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **21.8 liter(s)**
- Trub loss **6 %**
- Size with trub loss **24.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **24.8 liter(s)**

### Fermentables

| Type           | Name              | Amount        | Yield | EBC |
|----------------|-------------------|---------------|-------|-----|
| Liquid Extract | Ekstrakt Pale Ale | 3.4 kg (100%) | 80 %  | 30  |

### Hops

| Use for             | Name            | Amount | Time     | Alpha acid |
|---------------------|-----------------|--------|----------|------------|
| Boil                | lunga granulát  | 20 g   | 60 min   | 11 %       |
| Boil                | Chinook szyszka | 15 g   | 30 min   | 10.9 %     |
| Aroma (end of boil) | Chinook szyszka | 15 g   | 10 min   | 10.9 %     |
| Dry Hop             | Chinook szyszka | 20 g   | 4 day(s) | 10.9 %     |
| Dry Hop             | Mosaic szyszka  | 50 g   | 4 day(s) | 13.4 %     |

### Yeasts

| Name                        | Type | Form   | Amount | Laboratory       |
|-----------------------------|------|--------|--------|------------------|
| FM54 Gorączka kalifornijska | Ale  | Liquid | 30 ml  | Fermentum Mobile |

### Notes

- Ewentualnie Oktawia na zimno.  
*Oct 13, 2018, 10:55 AM*