

# Podkarpacki Lager

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **40**
- SRM **4**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Fermentables

| Type  | Name                 | Amount     | Yield | EBC |
|-------|----------------------|------------|-------|-----|
| Grain | Pilzneński           | 3 kg (50%) | 81 %  | 4   |
| Grain | Viking Pale Ale malt | 3 kg (50%) | 80 %  | 5   |

## Hops

| Use for | Name                  | Amount | Time   | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil    | Saaz (Czech Republic) | 50 g   | 5 min  | 4.5 %      |
| Boil    | Wai-iti               | 50 g   | 5 min  | 2.2 %      |
| Boil    | Marynka               | 50 g   | 45 min | 7.9 %      |

## Yeasts

| Name                               | Type  | Form | Amount | Laboratory      |
|------------------------------------|-------|------|--------|-----------------|
| Mangrove Jack's M76 Bavarian Lager | Lager | Dry  | 11 g   | Mangrove Jack's |