

## #219 Czeska dziesiątka

- Gravity **10 BLG**
- ABV **4 %**
- IBU **10**
- SRM **4.4**
- Style **Lite American Lager**

### Batch size

- Expected quantity of finished beer **22.4 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **25.2 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.33 liter(s) / kg**
- Mash size **13 liter(s)**
- Total mash volume **16.9 liter(s)**

### Steps

- Temp **55 C**, Time **10 min**
- Temp **62 C**, Time **29 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **1 min**

### Mash step by step

- Heat up **13 liter(s)** of strike water to **60.3C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **29 min** at **62C**
- Keep mash **40 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **16.1 liter(s)** of **76C** water or to achieve **25.2 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann pilzneński klepiskowy	3.3 kg (84.6%)	80 %	6.7
Grain	Monachijski jasny	0.6 kg (15.4%)	78 %	15

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz CZ 2023	25 g	60 min	3.27 %
Aroma (end of boil)	Saaz CZ 2023	25 g	1 min	3.27 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM704 Lutra kveik	Ale	Liquid	40 ml	Fermentum Mobile