

# Farmerskie II

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **46**
- SRM **9.1**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **14 %/h**
- Boil size **27.1 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.6 liter(s)**
- Total mash volume **20.8 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **15.6 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **76C**
- Sparge using **16.7 liter(s)** of **76C** water or to achieve **27.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3.5 kg (67.3%)	81 %	4
Grain	Strzegom Monachijski typ II	1 kg (19.2%)	79 %	22
Grain	Pszeniczny	0.5 kg (9.6%)	85 %	4
Grain	Weyermann Specjal B	0.2 kg (3.8%)	68 %	300

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	30 g	60 min	4 %
Boil	Marynka	40 g	20 min	10 %
Boil	Sybilla	40 g	10 min	3.5 %
Boil	amora preta	25 g	5 min	7 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM53 Voss kveik	Ale	Slant	75 ml	Fermentum Mobile