

Żytnie

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **9**
- SRM **8**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **21.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Żytni	2 kg (50%)	85 %	8
Grain	Monachijski	1 kg (25%)	80 %	16
Grain	Viking Pale Ale malt	0.8 kg (20%)	80 %	5
Grain	Karmelowy żytni Strzegom	0.2 kg (5%)	75 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	10 g	60 min	4 %
Boil	Lublin (Lubelski)	20 g	10 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM53 Voss kveik	Ale	Liquid	10 ml	FM