

Willamete Session IPA

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **39**
- SRM **3.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **60 liter(s)**
- Trub loss **5 %**
- Size with trub loss **63 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **72.5 liter(s)**

Mash information

- Mash efficiency **88 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **40.5 liter(s)**
- Total mash volume **54 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	12 kg (88.9%)	80 %	4
Grain	Monachijski	1 kg (7.4%)	80 %	16
Grain	Żytni	0.5 kg (3.7%)	85 %	8

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	50 g	60 min	9 %
Boil	Willamette	50 g	15 min	4 %
Boil	Chinook	100 g	20 min	9 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	500 ml	Fermentis