

## 7# American Wheat

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- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **39**
- SRM **4**

### Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **23 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

### Steps

- Temp **65 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **5 min** at **76C**
- Sparge using **13 liter(s)** of **76C** water or to achieve **23 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.5 kg (50%)	80 %	5
Grain	Pszoniczny	2.5 kg (50%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	15 g	60 min	13.4 %
Boil	Warrior	20 g	5 min	13.4 %
Aroma (end of boil)	Cascade PL	15 g	5 min	8 %
Dry Hop	Cascade PL	20 g	3 day(s)	8 %
Aroma (end of boil)	Cascade PL	15 g	15 min	8 %
Dry Hop	taiheke NZ	25 g	3 day(s)	7.6 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis