

AP

- Gravity **12.2 BLG**
- ABV ---
- IBU **29**
- SRM **29.2**
- Style **American Wheat or Rye Beer**

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 **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **17.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszoniczny	2.5 kg (58.1%)	85 %	4
Grain	Pilzneński	1.5 kg (34.9%)	81 %	4
Grain	Strzegom pszenica prażona	0.3 kg (7%)	70 %	1000

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Zythos	5 g	60 min	11 %
Boil	Centennial	20 g	10 min	10.5 %
Boil	Centennial	20 g	5 min	10.5 %
Boil	Citra	25 g	5 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M44 US West Coast	Ale	Dry	10 g	Mangrove Jack's