

## Aroniowe duże

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- Gravity **9.8 BLG**
- ABV **3.8 %**
- IBU **15**
- SRM **3.7**
- Style **American Amber Ale**

### Batch size

- Expected quantity of finished beer **44 liter(s)**
- Trub loss **5 %**
- Size with trub loss **46.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **55.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25.5 liter(s)**
- Total mash volume **34 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (58.8%)	81 %	4
Grain	Carabody	3.5 kg (41.2%)	80 %	8

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sybilla	20 g	45 min	6.8 %
Boil	Vanguard	10 g	45 min	7.7 %
Aroma (end of boil)	Lotus	10 g	15 min	16.6 %