

# Santa

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

## Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	8 kg (100%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	40 g	30 min	13.5 %
Boil	Hallertau Blanc	30 g	5 min	11 %
Aroma (end of boil)	Cascade	60 g	5 min	6 %
Dry Hop	Galaxy	100 g	5 day(s)	15 %

## Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Slant	300 ml	---

## Notes

- 06.12.2024r  
BLG przed gotowaniem 11,5  
gotowane 36l  
woda do zacierania 20l  
Dec 6, 2024, 7:52 PM