

## Westc

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- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **20**
- SRM **4.3**

### Batch size

- Expected quantity of finished beer **500 liter(s)**
- Trub loss **5 %**
- Size with trub loss **550 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **660 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **481.3 liter(s)**
- Total mash volume **618.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	137.5 kg (100%)	80 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Bravo	320 g	60 min	15.5 %
Whirlpool	Citra	150 g	1 min	13.5 %
Whirlpool	Amarillo	250 g	1 min	8.8 %
Whirlpool	Centennial	250 g	1 min	9.4 %