

# Dark IPA GW1

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- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **88**
- SRM **27**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

## 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 **17.7 liter(s)**
- Total mash volume **23.6 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Amber Malt	5 kg (84.7%)	75 %	43
Grain	Chocolate Malt (US)	0.4 kg (6.8%)	60 %	690
Grain	Oats, Malted	0.5 kg (8.5%)	80 %	2

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	50 g	30 min	12 %
Aroma (end of boil)	Cascade	50 g	0 min	6 %
Boil	Marynka	50 g	30 min	10 %

## Notes

- Burzliwa - 22 stopnie - 3 tygodnie  
Cicha - 22 stopnie - 1 tydzien  
Refermentacja w butelce  
*Aug 22, 2018, 2:48 PM*