

# Punk IPA 2010+ by BreDog

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **60**
- SRM **7.5**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.1 liter(s)**
- Total mash volume **26.8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Extra Pale (Maris Otter Pale Ale)	6 kg (89.6%)	80.3 %	5.3
Grain	Caramunich® typ I	0.7 kg (10.4%)	73 %	80

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	20 g	60 min	13 %
Boil	Ahtanum	12.5 g	60 min	5 %
Boil	Chinook	20 g	30 min	13 %
Boil	Ahtanum	12.5 g	20 min	5 %
Boil	Chinook	27.5 g	5 min	13 %
Boil	Ahtanum	12.5 g	5 min	5 %
Boil	Simcoe	12.5 g	5 min	13.2 %
Boil	Nelson Sauvin	12.5 g	5 min	11 %
Dry Hop	Chinook	40 g	5 day(s)	13 %
Dry Hop	Ahtanum	37.5 g	5 day(s)	5 %
Dry Hop	Nelson Sauvin	20 g	5 day(s)	11 %
Dry Hop	Cascade	53 g	5 day(s)	6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - American Ale	Ale	Liquid	125 ml	Wyeast Labs

## Notes

- Łączna ilość chmielu:
  - Chinook 105g
  - Ahtanum 75g
  - Simcoe 12.5g

- Nelson Sauvin 32.5g  
- Cascade 53g  
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