

# AIPA 16

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- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **79**
- SRM **9.6**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **23.3 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.14 liter(s) / kg**
- Mash size **17 liter(s)**
- Total mash volume **22.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	4.8 kg (88.9%)	79 %	6
Grain	Strzegom Karmel 150	0.4 kg (7.4%)	75 %	150
Grain	Aromatic Malt	0.2 kg (3.7%)	78 %	51

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Bravo	35 g	60 min	15.5 %
Boil	Cascade	20 g	15 min	6 %
Boil	Citra	25 g	10 min	12 %
Boil	Cascade	25 g	5 min	6 %
Boil	Citra	25 g	3 min	12 %
Dry Hop	Cascade	15 g	7 day(s)	6 %
Dry Hop	Citra	15 g	7 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M44 US West Coast	Ale	Slant	90 ml	Mangrove Jack's