

# Old Goat Discover America

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- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **38**
- SRM **3.3**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **1 liter(s)**
- Total mash volume **1.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	3 kg (89.6%)	80 %	4
Grain	Caramel/Crystal Malt - 10L	0.35 kg (10.4%)	75 %	20

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	15 g	60 min	15.5 %
Aroma (end of boil)	Cascade	30 g	1 min	6 %
Boil	Columbus/Tomahawk/Zeus	17 g	10 min	15.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
44	Ale	Dry	11 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Fining	Whirlfloc	5 g	Boil	15 min