

# leśna dzida 2020

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **36**
- SRM **4.3**
- Style **American Pale Ale**

## 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 **17 liter(s)**
- Total mash volume **22.6 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.5 kg (44.2%)	80 %	6
Grain	wiedeński viking malt	0.76 kg (13.4%)	80 %	9
Grain	fiński golden ale viking malt	1 kg (17.7%)	80 %	9
Grain	Płatki pszeniczne	0.2 kg (3.5%)	85 %	3
Grain	Pilzneński	1.2 kg (21.2%)	81 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	15 g	15 min	13.3 %
Boil	Citra	20 g	40 min	12.3 %
Boil	Lublin (Lubelski)	10 g	50 min	2.6 %
Boil	Jarrylo	20 g	5 min	14.1 %
Dry Hop	Citra	15 g	7 day(s)	12.3 %
Dry Hop	Polaris	20 g	7 day(s)	17.1 %
Dry Hop	Jarrylo	10 g	7 day(s)	14.1 %

## Extras

Type	Name	Amount	Use for	Time
Water Agent	gips	4 g	Mash	60 min
Fining	mech irlandzki	4 g	Boil	60 min
Flavor	pędy sosny (świeże)	600 g	Boil	30 min