

Pacific Groovy Juice IPA

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **47**
- SRM **4.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **20.7 liter(s)**
- Total mash volume **26.6 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **20.7 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **11.6 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale | 5 kg (84.7%) | 79 % | 6 |
| Grain | Pszeniczny | 0.65 kg (11%) | 85 % | 4 |
| Grain | Rice, Flaked | 0.25 kg (4.2%) | 70 % | 2 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|---------------|--------|----------|------------|
| Boil | Rakau (NZ) | 15 g | 60 min | 10.7 % |
| Boil | Vic Secret | 30 g | 15 min | 15.6 % |
| Boil | Rakau (NZ) | 15 g | 15 min | 10.7 % |
| Whirlpool | Vic Secret | 30 g | 20 min | 15.6 % |
| Whirlpool | Galaxy | 30 g | 20 min | 14.5 % |
| Whirlpool | Azacca | 30 g | 20 min | 14 % |
| Whirlpool | Pacifica (NZ) | 30 g | 20 min | 5.5 % |
| Dry Hop | Vic Secret | 40 g | 2 day(s) | 15.6 % |
| Dry Hop | Azacca | 20 g | 2 day(s) | 14 % |
| Dry Hop | Galaxy | 20 g | 2 day(s) | 14.5 % |
| Dry Hop | Pacifica (NZ) | 20 g | 2 day(s) | 5.5 % |

Yeasts

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Name | Type | Form | Amount | Laboratory |
|-------------|-------------|-------------|---------------|-------------------|
| Safale S-04 | Ale | Dry | 11 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------|---------------|----------------|-------------|
| Water Agent | gips piwowarski | 5 g | Boil | 60 min |