

# Verdant IPA - David Heath

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- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **44**
- SRM **4.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **26 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **5.5 liter(s) / kg**
- Mash size **28 liter(s)**
- Total mash volume **33.1 liter(s)**

## Steps

- Temp **65 C**, Time **80 min**
- Temp **75 C**, Time **10 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **28 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **80 min** at **65C**
- Keep mash **10 min** at **75C**
- Keep mash **10 min** at **78C**
- Sparge using **3.1 liter(s)** of **76C** water or to achieve **26 liter(s)** of wort

## Fermentables

| Type  | Name                         | Amount         | Yield | EBC |
|-------|------------------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt         | 3.2 kg (62.9%) | 80 %  | 5   |
| Grain | Strzegom Wiedeński           | 0.8 kg (15.7%) | 79 %  | 10  |
| Grain | Płatki owsiane               | 0.7 kg (13.8%) | 85 %  | 3   |
| Grain | Cara Blonde - Castle Malting | 0.25 kg (4.9%) | 78 %  | 20  |
| Grain | Weyermann - Carapils         | 0.14 kg (2.8%) | 78 %  | 4   |

## Hops

| Use for   | Name       | Amount | Time     | Alpha acid |
|-----------|------------|--------|----------|------------|
| Boil      | Centennial | 15 g   | 15 min   | 9 %        |
| Boil      | Mosaic     | 15 g   | 15 min   | 11.3 %     |
| Boil      | Magnum     | 20 g   | 7 min    | 10.5 %     |
| Whirlpool | Centennial | 35 g   | 20 min   | 9 %        |
| Whirlpool | Mosaic     | 35 g   | 20 min   | 11.3 %     |
| Dry Hop   | Centennial | 50 g   | 3 day(s) | 9 %        |
| Dry Hop   | Mosaic     | 50 g   | 3 day(s) | 11.3 %     |

## Yeasts

| Name                            | Type | Form  | Amount | Laboratory |
|---------------------------------|------|-------|--------|------------|
| Lallemand - LalBrew Verdant IPA | Ale  | Slant | 120 ml | Lallemand  |

## Notes

- Na podstawie przepisu: <https://www.youtube.com/watch?v=Wre4XX7cFko>  
*Feb 19, 2021, 1:39 PM*