

# MOSAIC SINGLE HOP IPA

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **45**
- SRM **6.3**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.3 liter(s)**
- Total mash volume **12.4 liter(s)**

## Steps

- Temp **63 C**, Time **50 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **9.3 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **50 min** at **63C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **7 liter(s)** of **76C** water or to achieve **13.2 liter(s)** of wort

## Fermentables

| Type  | Name            | Amount        | Yield | EBC |
|-------|-----------------|---------------|-------|-----|
| Grain | Castle Pale Ale | 3 kg (96.8%)  | 80 %  | 8   |
| Grain | Carahell        | 0.1 kg (3.2%) | 77 %  | 26  |

## Hops

| Use for | Name   | Amount | Time     | Alpha acid |
|---------|--------|--------|----------|------------|
| Boil    | Mosaic | 10 g   | 60 min   | 10 %       |
| Boil    | Mosaic | 10 g   | 30 min   | 10 %       |
| Boil    | Mosaic | 10 g   | 10 min   | 10 %       |
| Boil    | Mosaic | 10 g   | 5 min    | 10 %       |
| Dry Hop | Mosaic | 40 g   | 3 day(s) | 10 %       |

## Yeasts

| Name | Type | Form  | Amount | Laboratory |
|------|------|-------|--------|------------|
| s-05 | Ale  | Slant | 200 ml | ---        |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |      |     |      |        |
|--------|------|-----|------|--------|
| Fining | mech | 6 g | Boil | 10 min |
|--------|------|-----|------|--------|

## Notes

- w single hopach bez karmelowych  
stosowac kolo 100g chmielu w proporcji 60/40 gotowanie a cicha  
*Jan 16, 2019, 9:31 PM*