

AMERICAN SAISON 17-6

- Gravity **11.9 BLG**
- ABV ---
- IBU **47**
- SRM **12.7**
- Style **Saison**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.2 liter(s)**
- Total mash volume **17.6 liter(s)**

Steps

- Temp **52 C**, Time **20 min**
- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **13.2 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **20 min** at **52C**
- Keep mash **40 min** at **66C**
- Keep mash **10 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **17.2 liter(s)** of **76C** water or to achieve **26 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 3 kg (68.2%) | 80 % | 4 |
| Grain | Pszeniczny | 1 kg (22.7%) | 85 % | 4 |
| Grain | Caraaroma | 0.2 kg (4.5%) | 78 % | 400 |
| Grain | Wheat, Flaked | 0.2 kg (4.5%) | 77 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|-------|--------|----------|------------|
| Boil | Citra | 10 g | 60 min | 12 % |
| Boil | Citra | 20 g | 30 min | 12 % |
| Boil | Citra | 20 g | 10 min | 12 % |
| Whirlpool | Citra | 20 g | 0 min | 12 % |
| Dry Hop | Citra | 30 g | 4 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-----------------------------------|-----|-----|------|-----|
| Mangrove Jack's M29 French Saison | Ale | Dry | 12 g | --- |
|-----------------------------------|-----|-----|------|-----|

Extras

| Type | Name | Amount | Use for | Time |
|--------|------------|--------|-----------|----------|
| Flavor | curacao | 20 g | Boil | 10 min |
| Flavor | pomarańcze | 1000 g | Boil | 10 min |
| Flavor | pomarańcze | 400 g | Secondary | 4 day(s) |