

# La Magia Negra

- Gravity **9.8 BLG**
- ABV ---
- IBU **23**
- SRM **13.2**
- Style **Dry Stout**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.9 liter(s)**
- Total mash volume **13.2 liter(s)**

## Fermentables

| Type  | Name                      | Amount       | Yield | EBC |
|-------|---------------------------|--------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 3.2 kg (97%) | 85 %  | 7   |
| Grain | Weyermann - Carafa II     | 0.1 kg (3%)  | 70 %  | 812 |

## Hops

| Use for             | Name       | Amount | Time   | Alpha acid |
|---------------------|------------|--------|--------|------------|
| Boil                | Challenger | 20 g   | 55 min | 7 %        |
| Aroma (end of boil) | Challenger | 10 g   | 20 min | 7 %        |

## Extras

| Type   | Name              | Amount | Use for | Time   |
|--------|-------------------|--------|---------|--------|
| Flavor | płatki jęczmienne | 500 g  | Boil    | 60 min |
| Flavor | Jęczmień palony   | 300 g  | Boil    | 60 min |