

## Mad Cow

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- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU ---
- SRM **30.5**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

### Fermentables

| Type  | Name                      | Amount         | Yield  | EBC  |
|-------|---------------------------|----------------|--------|------|
| Grain | Weyermann - Pale Ale Malt | 4 kg (63.5%)   | 85 %   | 7    |
| Grain | Pszeniczny                | 0.5 kg (7.9%)  | 85 %   | 4    |
| Grain | Carahell                  | 0.8 kg (12.7%) | 77 %   | 26   |
| Grain | Jęczmień palony           | 0.35 kg (5.6%) | 55 %   | 985  |
| Grain | Strzegom Barwiący         | 0.15 kg (2.4%) | 68 %   | 1300 |
| Sugar | Milk Sugar (Lactose)      | 0.5 kg (7.9%)  | 76.1 % | 0    |