Development of a New Hop Cultivar
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**year 0**
Breeding Research
LfL

**year 7**

100 crosses / year
100,000 seedlings in the greenhouse

4,000 female + 600 male single plants in the breeding yards

20-30 female advanced selections grown in replications at 2 sites

**crossing**
resistance selection
- powdery mildew
- downy mildew

resistance, wilt stature, cone, yield, quality

resistance, yield, aroma + bittering quality, storage

**on-farm field trials:**
- field trials in rows
- large-scale field trials
- trials outside Bavaria

**agron. performance, resistance**

**brewing trials**
- individual
- standardized

**year 12**

variety registration

**variety registr. tests**

Plant Variety Rights