Company structure

In 2008, Hansabred GmbH & Co. KG was founded as a European strawberry breeding and research company. The shareholders are four major European strawberry companies: Kraege Beerenpflanzen (Germany), Vissers (Netherlands), R. W. Walpole Strawberry Plants Ltd. (UK) and Plantas de Navarra, S.A. (Spain).

Company goals

250 years of strawberry breeding have led to numerous so-called tunnel effects which resulted in susceptibilities to pathogens and in aroma patterns with low or even zero key volatile concentrations. Important aspects of the Hansabred breeding programme are: high resistance to different pathogens and improved strawberry flavour.

A large germplasm collection which originated from the “Professor Staudt Collection” is available with more than 460 accessions of wild species and more than 175 cultivars (status 2014). This background allows innovative pathways in strawberry breeding. Today, several vigorous clones with excellent flavour are in Europe-wide trials already. Hansabred has initiated a project network together with fruit processing companies as well as national and international research institutes and universities.

Number of clones

- 2009/10: 1227 clones
- 2010/11: 1699 clones
  (214 B-clones, 1485 A-clones)
- 2011/12: 782 clones
  (109 C-clones, 247 B-clones, 426 A-clones)

Facts and Figures

<table>
<thead>
<tr>
<th>Year</th>
<th>Seeds</th>
<th>Seedlings</th>
<th>after greenhouse selection</th>
<th>on the field</th>
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<td>2008/09</td>
<td>ca. 50000</td>
<td>ca. 29000</td>
<td>ca. 18000</td>
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<td>ca. 99700</td>
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<td>ca. 14000</td>
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Facilities

- 4 ha field
- greenhouse
- laboratory
- propagation tunnel
- germplasm
- wild species core collection

Sensoric evaluation by

unprejudiced experts

trained panel

International master students Humboldt University Berlin

Facts

- Mutation breeding (polyploidisation) with F. vesca, utilisation of genetic resources
- White clone selection, breeding of non-allergic cultivars
- FREEZE-DRIED FRUIT, INDUSTRIAL PROJECTS WITH THE PROCESSING INDUSTRY

Utilisation of genetic resources

strawberries as ornamentals

Hansabred has initiated a project network together with fruit processing companies as well as national and international research institutes and universities.