

# FOSTERING BIODIVERSITY AT SÜDZUCKER

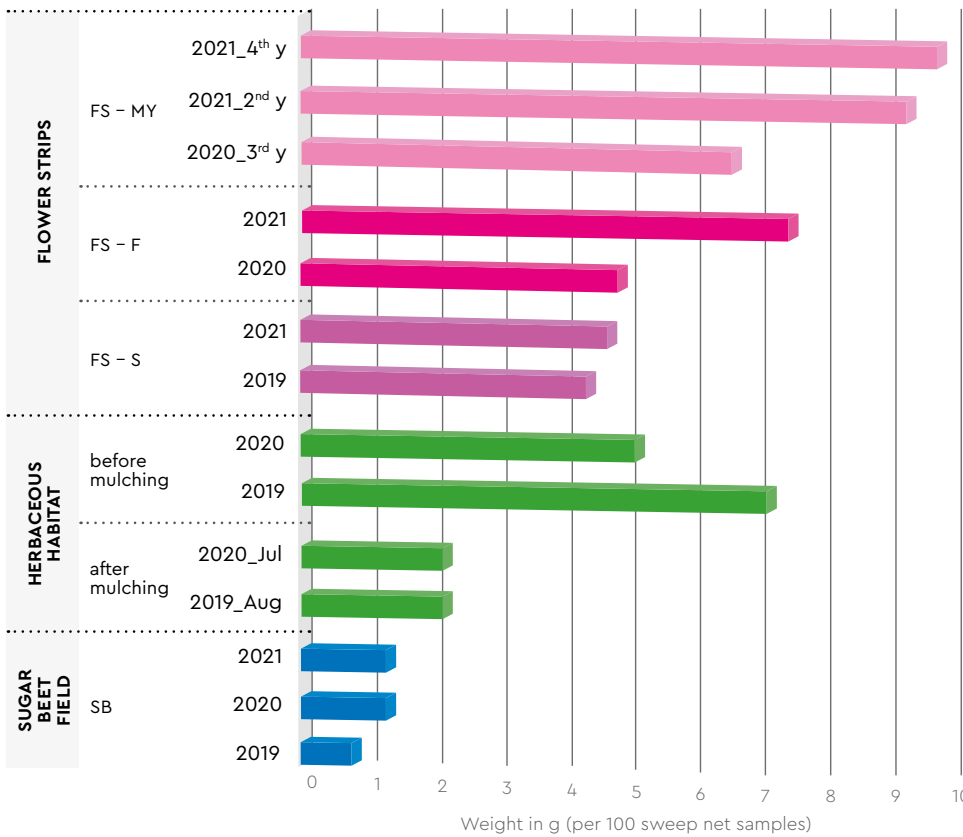


Within the sustainability strategy of the Südzucker Sugar Division, **'Fostering Biodiversity'** is one of the four strategic impact areas. It is our goal to contribute to a more pleasant and sustainable world and promote biodiversity in our natural ecosystems, together with our farmers.

Since 2018, Südzucker has been collaborating with the Institute for Agroecology and Biodiversity (IFAB) scientifically researching the impact of flower strips on biodiversity in and

around sugar beet fields. At our agricultural research farm in Kirschgartshausen, both annual (single-year) and perennial (multi-year) flower strips have been sown, integrated into sugar beet fields, in order to compare their differing effects. The results show a very clear picture: **flower strips have a huge effect on fostering regional biodiversity!**

## BIOMASS – SWEEP NET SAMPLES



Multi-year flower strips have the highest impact on insect biomass. The results from 2021 revealed up to 6 to 9 times more biomass in flower strips (2021) and up to 2 to 5 times more biomass in herbaceous habitats (2020) compared to pure sugar beet fields.

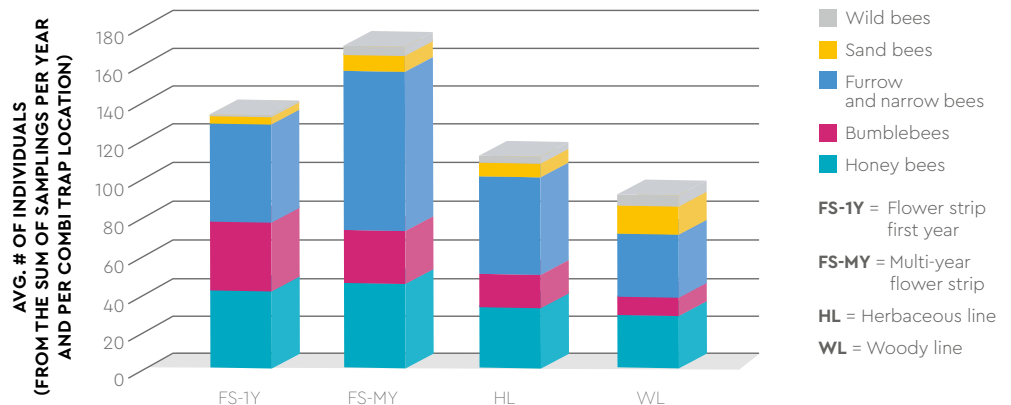
Also sowing flower strips already in fall (FS-F) showed a higher biomass and therefore higher impact on biodiversity than sowing in spring (FS-S).

- FS - S = Flower Strip Spring
- FS - F = Flower Strip Fall
- FS - MY = Flower Strip Multi-Year
- SB = Sugar Beet

## POLLINATORS IN DIFFERENT HABITATS (2018 - 2021)

The number of individuals is significantly higher in perennial flower strips, because they provide insect populations with an overwintering habitat, thus allowing them to complete their annual life cycles.

These results are just 2 snapshots of a wider research which includes more details, incl. breeding bird monitoring.



DOWNLOAD OUR FULL WHITEPAPER FROM 2021 ON THE RESEARCH AND KEEP YOUR EYES OPEN FOR THE UPCOMING UPDATE ON THE RESEARCH RESULTS, LATER IN 2023!

# THE SÜDZUCKER BIODIVERSITY ALLIANCE

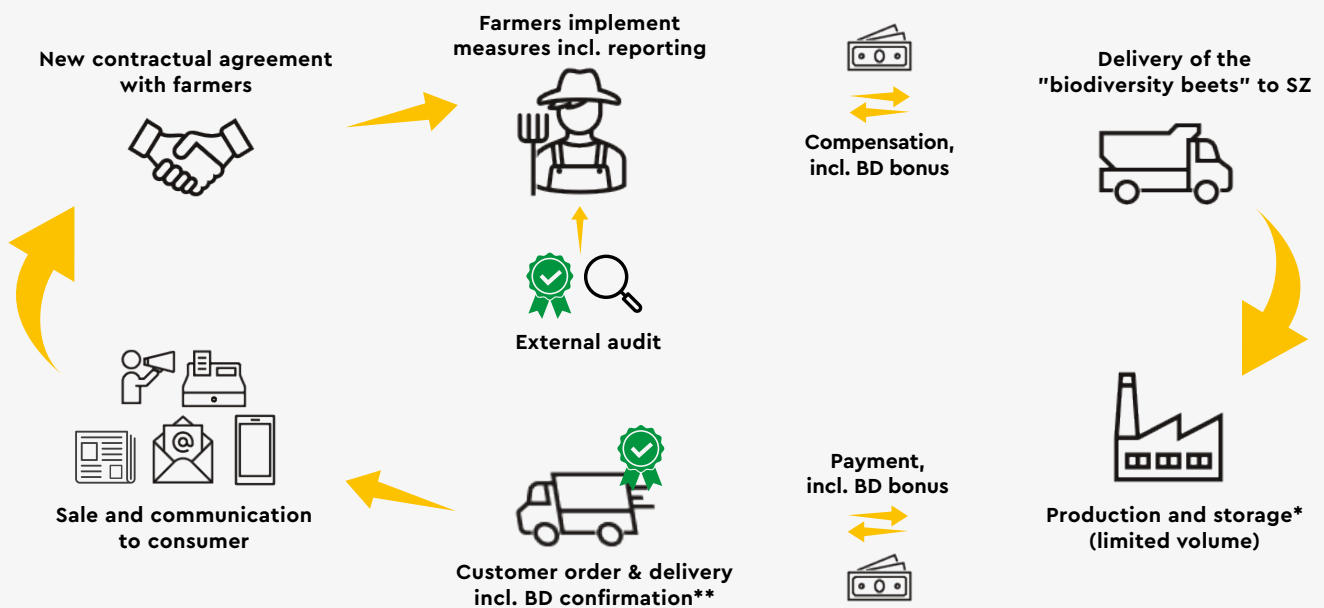


As the next step on our Biodiversity roadmap, the Südzucker Sugar Division has created the **Südzucker Biodiversity Alliance** – an alliance between our farmers, Südzucker, and interested industry customers to jointly foster biodiversity.



Südzucker, together with IFAB, has developed a biodiversity measurement catalogue of 5 – 7 measures, which participating farmers can choose from to implement on their own farm. The progress and results, which are transparently reported by the farmers step by step, also serve as a basis for future improvements. Of course, within this bilateral agreement with Südzucker, the participating farmers are remunerated for their efforts on top of the normal beet price.

## A FIRST PILOT WITH A COMMUNITY OF 6 FARMERS WAS STARTED IN 2022



\*Factory Offstein \*\*via Massbalance-Principle

On the other end of the value chain, Südzucker customers are more than welcome to join the Südzucker Biodiversity Alliance and benefit by gaining access to data, background information and marketing material for their own brand or product communication.

Are you interested in the Südzucker Biodiversity Alliance and want to find out how you can join? Reach out to us and let's discuss!

E-Mail: [info@suedzuckergroup.com](mailto:info@suedzuckergroup.com)



Biodiversity Alliance Blogpost



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