



- Durably waterproof
- Breathable
- Highly insulated for maximum heat retention
- Resistant to penetration by commonly occurring chemicals<sup>1</sup>
- Certified in accordance with EN ISO 20347:2012 for protection level S3 safety footwear

**ELTEN**

Trial boot: JOSCHI GTX ESD S3 CI



## WINTER USER TRIAL WITH GORE-TEX INSULATED COMFORT FOOTWEAR

### Safety footwear (S3) with high climate comfort factor for the agricultural sector

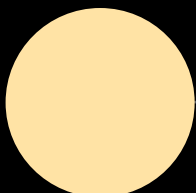
#### Details of the user trial

- User trial conducted by Gore in cooperation with the Neunburg-based agricultural division of **BayWa AG**, a globally operating trading company and services provider, and footwear partner **ELTEN**, Uedem, Germany.
- September 2017 to March 2018: the boots were tested by 31 workers in **BayWa's** agricultural division. For about 24 weeks they wore the S3 safety boots in normal everyday use. Over half of the test persons had so far worn safety boots without a membrane.
- Over 2/3 of the test persons wore the boots 4-5 days a week and 6-9 hours a day – predominantly in unheated buildings and outdoors.
- Most of the testing was done while the wearers were performing activities such as installation work in farm buildings, maintenance work or repairs in biogas plants. During the trial period temperatures in Neunburg fell as low as minus 16 °C, while rainfall was normal for the time of year.
- At the end of the 24-week user trial, feedback was collected through a questionnaire.
- The data was analysed by Gore and Hyve.

#### RESULTS OF THE USER TRIAL

##### WATERPROOFNESS

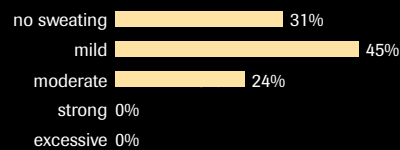
All of the test persons confirmed that the trial boots were totally waterproof. This feature proved to be particularly beneficial when working outdoors in slushy snow and icy conditions, and while performing tasks in the dairy or involving milk tanks.



**100%**  
**Waterproof**

##### SWEATING

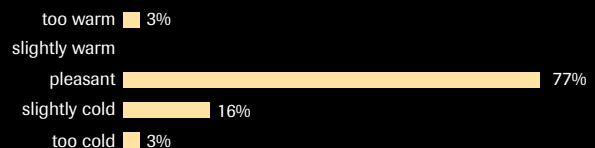
76% of the test persons said they perceived “no sweating” or only “mild” sweating in the trial boots.



20 of the 30 test persons (67%) said that they had even sweat “less” than in their old boots (half of which had no membrane).

##### PERCEPTION OF TEMPERATURE

77% of the test persons confirmed that the temperature inside the trial boots was “pleasant”, even when they were working outdoors in temperatures as low as minus 15°C.



18 of the 31 test persons (58%) said that the trial boots were “warmer” than their old safety boots.

<sup>1</sup> In accordance with EN ISO 13994/ASTM F 903, method C1 for commonly occurring chemicals, including AFFF fire-fighting foam (3%), sulphuric acid (37%), diesel and caustic soda (30%)

“ **Waterproofness:**

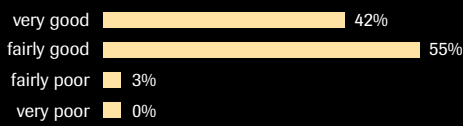
*The boots were durably waterproof: that was really important in the winter when it was raining or there was a lot of snow."*

“ **Thermal insulation:**

*They were the best winter boots I've ever worn!"*

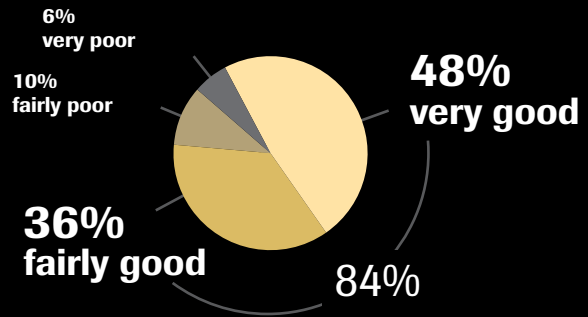
**WEIGHT / DURABILITY**

97% of the test persons were very satisfied with the weight of the trial boots. The same percentage were equally satisfied with the durability of the trial boots.



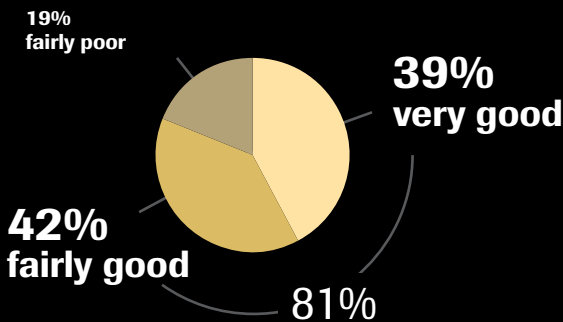
**WEAR COMFORT**

83% of the test persons said that the wear comfort of the trial boots was "very good" or "fairly good".



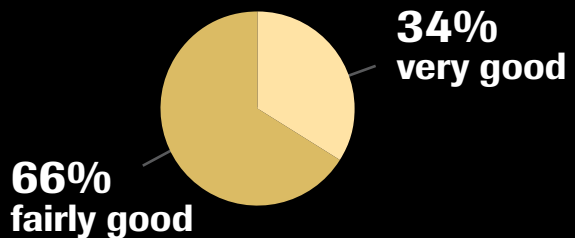
**FIT**

81% of the test persons were very satisfied with the fit of the trial boots.



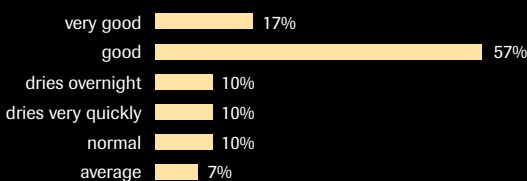
**SOLE GRIP**

Nearly all of the test persons were very satisfied with the sole grip of the trial boots.



**RE-DRY**

With regard to re-dry there was a mixed response: 74% of the test persons were very satisfied with the speed at which the trial boots dried, while 10% were particularly satisfied with the way in which they dried overnight.



(based on multiple answers)



**100% recommendation rate**