

Glass Greenhouse 2.18 ha

Full-cycle multi-crop greenhouse complex · Firmmit Project · 2026

2.18 ha	4	9	Venlo	360°
TOTAL AREA	BLOCKS	CROPS	GLASS 4 mm	IoT CONTROL

Complex blocks G01-G04

G01 Exotic fruits 103.5 × 57.6 + 85.5 × 14.4 m 0.719 ha hydro + soil	G02 Banana 63 × 76.8 m 0.484 ha soil	G03 Strawberry 63 × 76.8 m 0.484 ha hydroponics	G04 Tomato, cucumber, greens 76.5 × 57.6 m 0.441 ha hydro + soil
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Exotic crops of block G01

- Pitahaya
- Passion fruit
- Papaya
- Guava
- Mango
- Pineapple

Firmmit technologies

Structure

- Venlo-type glass greenhouse
- Span 4.8 m along the length · ridges crosswise
- Gutter height 5.0 / 6.0 m · ridge 5.97 / 6.97 m
- Galvanised steel frame
- Diffuse tempered glass 4 mm

Engineering

- Separate climate control across 4 blocks
- 2 dosing units with recirculation
- Water treatment for local water
- LED lighting (strawberry, greens)
- Single IoT control room