

**MPS**

driven by  
sustainability



# Data-driven verduurzaming *Datengesteuerte Nachhaltigkeit*

MPS Group | AgrolInno 2022



## De MPS Group | Die MPS Gruppe



### Milieuregistratie, audits en certificering onder één dak.

- De MPS Group maakt de duurzaamheidsinspanningen van tuinbouwbedrijven meetbaar, transparant en inzichtelijk.
- Wereldwijd werken 3.500 kwekers in 40 landen met de real-time, online monitoringstool.



### Umweltregistrierung, Audits und Zertifizierung unter einem Dach.

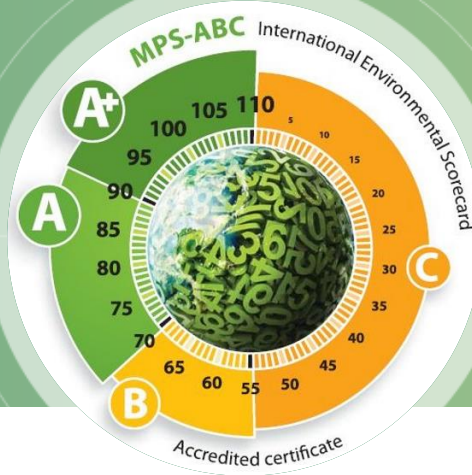
- Die MPS Gruppe macht die Anstrengungen der Gartenbauunternehmen rund um das Thema Nachhaltigkeit messbar, transparent und nachweisbar.
- Weltweit arbeiten 3.500 Gärtner in 40 Ländern mit dem zeitgemäßen onlinebasierten Monitoring.





# Productaanbod | *Produktpalette*

# Kwantificeerbare verbruiksdata | Quantifizierbare Verbrauchsdaten



**Verbruiksregistratie met kwalificatie A+, A, B of C**  
**Verbrauchsregistrierung mit Qualifikation A+, A, B oder C**

**CO<sub>2</sub>-voetafdruk op basis van energieverbruik, meststoffen en verpakkingen**

**CO<sub>2</sub>-Fußabdruck auf der Grundlage von Daten wie Energieverbrauch, Düngemittel und Verpackungen**



**MPS  
GAP**



**MPS  
SQ**



**MPS  
PRODUCT  
PROOF**





# Kerngegevens | *Eckdaten*



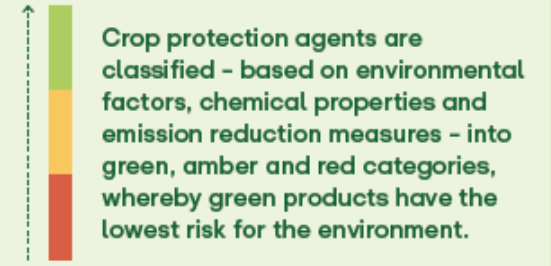
Resources used by growers within the horticulture sector have an impact on the environment.



Floricultural growers can reduce their environmental impact with the MPS-ABC record-keeping system.



Growers record the use of crop protection agents, fertilisers and energy for MPS-ABC. We make this data transparent and measurable.



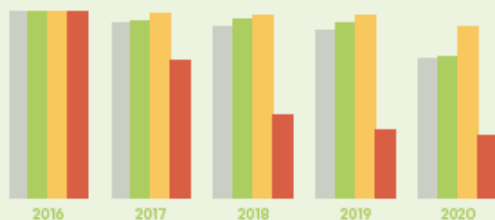
Crop protection agents are classified - based on environmental factors, chemical properties and emission reduction measures - into green, amber and red categories, whereby green products have the lowest risk for the environment.

The Environmental Indicator developed by MPS makes the impact of crop protection on the environment measurable.



## Crop protection agents (CPA)

Average usage crop protection (Indexed)

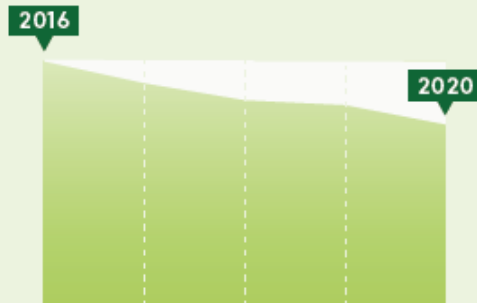


▼ 25%    ▼ 8%    ▼ 67%    ▼ 25%

▼ 25%



## Environmental impact (CPA)



▼ 26%



## Fertilisers

Decline over the past five years (Indexed)

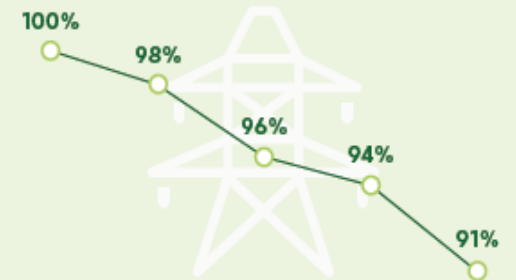


▼ 12%    ▼ 14%



## Fossil fuels

Fossil energy (GJ/ha) (Indexed)



▼ 9%

\* Based on 871 Dutch companies with the same crop that recorded their usage during five years.



# Uitdagingen | *Herausforderungen*

## Uitdagingen | Herausforderungen



### Onze uitdagingen.

- Soft- en hardwarekoppelingen
- Blockchain voor meer betrouwbaarheid
- Verschil digitalisering per regio
- Bewustzijn bij de consument
- HFC: meer 'impact categories'
- Uitdaging voor kwekers met A+



### Unsere Herausforderungen.

- Soft- und Hardwareverbindungen
- Blockchain für höhere Verlässlichkeit
- Unterschiede Digitalisierung von Regio zu Regio
- Bewusstsein beim Konsumenten
- HFC: mehr 'Impact Categories'
- Herausforderung für Gärtner mit A+





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