Biobest Flying Doctors System

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First commercially available bumblebee dispenser for pollination & biological control applications

For protected crops ... and outdoor use
• Patented dispenser system
• No products registered for use in US with this system yet
• Working with *Beauveria bassiana* in commercial greenhouses in Canada
• Future – will collaborate with UCCE and growers in USA

Biobest “Flying Doctors®” System
Applications

- Disease Control
- Pest Control
- Pollination

In all bumblebee pollinated crops
Advantages

- Targeted product delivery
- Strong reduction in product use
- Continuous application
- Considerable savings in labour
1. Easy introduction of product in replaceable trays

2. When bumblebees exit through the dispenser, the product adheres to their legs and hairs

3. The bumblebees then transport and deposit the product on flowers during pollination
Biobest “Flying Doctors®” System

Designed to ensure highest level of pollination activity
Patented **two-way** design...

...ensures product pick-up only when bumblebees leave the hive

**Biobest “Flying Doctors®” System**
Hives plus the biofungicide Verdera B4 (active: *Gliocladium catenulatum* Strain J1446): Proven effectiveness in controlling grey mold/ Botrytis in strawberry in European Greenhouses

**Disease control application**

Biobest “Flying Doctors®” System
Biobest “Flying Doctors®” System

Disease control application

Botrytis infection at harvest

![Graph showing disease control application results](image)

Verdera B4
Biobest “Flying Doctors®” System

Disease control application

Botrytis infection post-harvest
Biobest “Flying Doctors®” System

We deliver true innovations for sustainable crop management
Dros’ Attract

Improved Formulation to Catch
Drosophila suzukii
Better Catches

- *D. suzukii* were caught earlier with Dros’Attract than ACV alone
- Makes it an excellent attractant for monitoring purposes
- Optimal results: put 200 ml Droso’Attract per Droso trap plus a sugar cube (4-5 g)
- Renew attractant every 15 days
- Food grade products used and safe for users