



# Certification

- ✓ OK Compost INDUSTRIAL
- ✓ SKAL: Dutch input list for organic farming



CERTIFICATION





## Ok Compost INDUSTRIAL

Growcoon has been tested and approved according to the harmonised European standard EN13432.

To qualify for this certificate Growcoon has been successfully tested by an independent lab on the following characteristics:

### Disintegration

The disintegration test shows that the Growcoon will disintegrate. This means that the firm structure of the Growcoon will fragment into smaller pieces and eventually towards invisible fragments.

#### Test method:

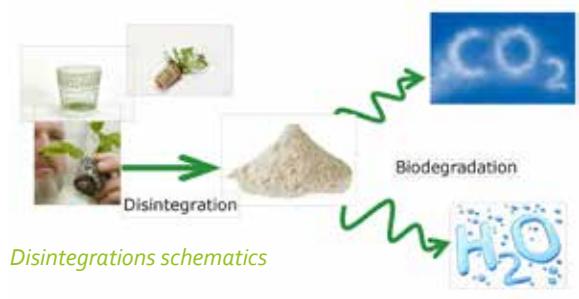
This has been measured with a composting test (ISO 16929). And is also approved according to the following norms: EN 13432, ASTM D6400 and ISO 17088.

### Biodegradation

The result of the biodegradation test has guaranteed that in compost, Growcoon material (even the small 'invisible' pieces), will be converted into water and CO<sub>2</sub>.

#### Test method:

This has been measured with test method, ISO 14855-1, according to the following norms EN 13432, ASTM D6400 and ISO 17088.



### Ecotoxicology

It has been shown that Growcoon and its residue does not have any negative effects on the composting process and seedling emergence and growth.

#### Test method:

This test is executed in line with the European norm EN 13432, the American standard ASTM D6400 and the international standard ISO 17088. From these results, it can be stated that the requirements of EN 13432 (2000), ASTM D6400 (2012) and ISO 17088 (2012 on ecotoxicity) are fulfilled.

### Material characteristics

Chemical analysis has shown that the level of harmful substances such as volatile solids and heavy metals of Growcoon are well below the limits of the certification scheme.

#### Test method:

This test is executed in line with the following norms: EN 13432 (2000), ASTM D6400 (2012), CAN/BNQ 0017-088 (2010) and ISO 17088 (2012).

### Conclusion:

**Each of these requirements must be met to be defined as compostable and to qualify for the certificate. Growcoon has met all requirements and is therefore approved.**

On a sidenote, these tests have shown that Growcoon won't have adverse effects on plant growth and will be broken down into CO<sub>2</sub> and water in a composting plant. To learn more about how the biodegradation of the Growcoon works, we advice you to read our Whitepaper with this subject and watch our movie "The biodegradation of the Growcoon explained".

# SKAL | Organic Cultivation in The Netherlands

Growcoon can officially be used for biological farming/organic cultivation in the Netherlands. To qualify for this, Growcoon has been evaluated and accepted on the Dutch input list for organic farming. All products on this lists are approved to be used by growers/farmers who are SKAL certified.

## Dutch input list

The Dutch input list is published on the Skal website:

<https://www.skal.nl/certificeren/teelt-van-gewassen/inputlijst/biologische-inputlijst>

## Biologische Inputlijst

De Skal inputlijst is een publieke lijst van commerciële middelen die gebruikt mogen worden in de biologische landbouw. De lijst beperkt zich tot meststoffen, bodemverbeteraars, gewasbeschermingsmiddelen en gerelateerde producten, kortweg "inputs". Het gebruik van inputs is toegestaan wanneer andere teeltmaatregelen onvoldoende blijken. Voor gebruik van de middelen op de Skal inputlijst gelden de in Nederland van toepassing zijnde gebruiksvoorschriften. Er is ook een [handleiding](#) geschreven over het gebruik van de inputlijst.

Laatste update: 16-12-2019

### [Informatie over Growcoon. Dit product mag gebruikt worden in de Biologische Landbouw in Nederland.](#)

<b>Productnaam</b>	<b>Growcoon</b>
Categorie	Meststoffen ,compost ,groeimmedia en biologisch afbreekbare materialen
Subcategorie	Biologisch afbreekbare potten
Opmerkingen van de leverancier	
Opmerkingen van het evaluatieteam	

### [Het product voldoet aan de voorwaarden voor de onderstaande regelgeving](#)

Regelgeving	Beperking	Geldig tot
Toegestane inputs voor de Nederlandse ...		31-12-2020
VO (EG) 834/2007		31-12-2020

### [Informatie over de leverancier](#)

Handelsnaam	<u>Maan</u>
Bedrijfsnaam	<u>Maan BioBased Products B.V.</u>
Straat en huisnummer	<u>Zomstraat 10</u>
Postcode en plaats	<u>NL-8102 HX Raalte</u>
Telefoonnummer	<u>+31 572 35 80 85</u>