

Horticulture main service's URL

<https://horticulture.wecr.wur.nl/MetadataService.svc/>

```
<service xmlns="http://www.w3.org/2007/app" xmlns:atom="http://www.w3.org/2005/Atom" xml
l:base="https://horticulture.wecr.wur.nl/MetadataService.svc/">
  <workspace>
    <atom:title>Default</atom:title>
    <collection href="AccessTypes">
      <atom:title>AccessTypes</atom:title>
    </collection>
    <collection href="Aggregates">
      <atom:title>Aggregates</atom:title>
    </collection>
    <collection href="ClassificationElements">
      <atom:title>ClassificationElements</atom:title>
    </collection>
    <collection href="Classifications">
      <atom:title>Classifications</atom:title>
    </collection>
    <collection href="CommonConcepts">
      <atom:title>CommonConcepts</atom:title>
    </collection>
    <collection href="DataSets">
      <atom:title>DataSets</atom:title>
    </collection>
    <collection href="DataSources">
      <atom:title>DataSources</atom:title>
    </collection>
    <collection href="DataTypes">
      <atom:title>DataTypes</atom:title>
    </collection>
    <collection href="ErrorMessages">
      <atom:title>ErrorMessages</atom:title>
    </collection>
    <collection href="KeyValues">
      <atom:title>KeyValues</atom:title>
    </collection>
    <collection href="Mappings">
      <atom:title>Mappings</atom:title>
    </collection>
    <collection href="MeasurementUnits">
      <atom:title>MeasurementUnits</atom:title>
    </collection>
    <collection href="VariableConcepts">
      <atom:title>VariableConcepts</atom:title>
    </collection>
    <collection href="Variables">
      <atom:title>Variables</atom:title>
    </collection>
    <collection href="UnitConversions">
      <atom:title>UnitConversions</atom:title>
    </collection>
    <collection href="KeyAttributes">
      <atom:title>KeyAttributes</atom:title>
    </collection>
    <collection href="Scopes">
      <atom:title>Scopes</atom:title>
    </collection>
  </workspace>
</service>
```

<https://horticube.wecr.wur.nl/MetadataService.svc/AccessTypes>

<https://horticube.wecr.wur.nl/MetadataService.svc/Aggregates>

<https://horticube.wecr.wur.nl/MetadataService.svc/ClassificationElements>

<https://horticube.wecr.wur.nl/MetadataService.svc/Classifications>

<https://horticube.wecr.wur.nl/MetadataService.svc/CommonConcepts>

<https://horticube.wecr.wur.nl/MetadataService.svc/CommonConcepts>

<https://horticube.wecr.wur.nl/MetadataService.svc/DataSets>

<https://horticube.wecr.wur.nl/MetadataService.svc/DataSources>

<https://horticube.wecr.wur.nl/MetadataService.svc/DataTypes>

<https://horticube.wecr.wur.nl/MetadataService.svc/ErrorMessage>

<https://horticube.wecr.wur.nl/MetadataService.svc/KeyValues>

<https://horticube.wecr.wur.nl/MetadataService.svc/Mappings>

<https://horticube.wecr.wur.nl/MetadataService.svc/MeasurementUnits>

<https://horticube.wecr.wur.nl/MetadataService.svc/VariableConcepts>

<https://horticube.wecr.wur.nl/MetadataService.svc/Variables>

<https://horticube.wecr.wur.nl/MetadataService.svc/UnitConversions>

<https://horticube.wecr.wur.nl/MetadataService.svc/KeyAttributes>

<https://horticube.wecr.wur.nl/MetadataService.svc/Scopes>

Horticonnect's URL

<https://horticube.wecr.wur.nl/HortiConnect.svc>

To test this service, you will need to create a client and use it to call the service. You can do this using the svcutil.exe tool from the command line with the following syntax:

```
svcutil.exe https://horticube.wecr.wur.nl/HortiConnect.svc?wsdl
```

You can also access the service description as a single file:

<https://horticube.wecr.wur.nl/HortiConnect.svc?singleWsdl>

This will generate a configuration file and a code file that contains the client class. Add the two files to your client application and use the generated client class to call the Service. For example:

C#

```
class Test
{
    static void Main()
    {
        HortiConnectClient client = new HortiConnectClient();

        // Use the 'client' variable to call operations on the service.

        // Always close the client.
        client.Close();
    }
}
```

Visual Basic

```
Class Test
    Shared Sub Main()
        Dim client As HortiConnectClient = New HortiConnectClient()

        ' Use the 'client' variable to call operations on the service.

        ' Always close the client.
        client.Close()

    End Sub
End Class
```

GENERAL INFORMATION

Add **\$format=json&** in the url to get the data in json format

Information about the ODATA protocoll: [http://wiki.sensenet.com/OData REST API](http://wiki.sensenet.com/OData_REST_API)

The Horticube service is a centralized web-based enabler which provides a possibility to query a data from different original sources from one endpoint by using OData interface.

Below are samples of using OData queries for various data sources:

DATA SOURCES

- KCB data (Odata protocoll)

<https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Export%20per%20maand%20KCB/>

Example:

Selectie: Gewicht van het product per ton

Filter: KCB productie -> Appelen -> Elstar

[https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Export%20per%20maand%20KCB/?\\$select=%20GewichtProduct_ton&\\$filter=\(KCBProduct%20eq%20%27Appelen%20elstar%27\)](https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Export%20per%20maand%20KCB/?$select=%20GewichtProduct_ton&$filter=(KCBProduct%20eq%20%27Appelen%20elstar%27))

- BRP data (Odata protocoll)

<https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Areaal%20open%20grond%20per%20provincie/>

Example:

Selectie: Areaal

Filter: Jaar -> 2015

[https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Areaal%20open%20grond%20per%20provincie/?\\$select=%20Areaal&\\$filter=\(Jaar_Jaar%20eq%20%272015%27\)](https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Areaal%20open%20grond%20per%20provincie/?$select=%20Areaal&$filter=(Jaar_Jaar%20eq%20%272015%27))

- WAPA data (Odata protocoll)

<https://dev.horticube.wecr.wur.nl/HorticubeService.svc/WAPA%20oogstramingen/>

Example:

Selectie: Productie

Filter: LEI country -> Belgium and France

[https://dev.horticube.wecr.wur.nl/HorticubeService.svc/WAPA%20oogstramingen/?\\$format=json&\\$select=%20Productie&\\$filter=\(LEICountry%20eq%20%27Belgium%27\)%20or%20\(LEICountry%20eq%20%27France%27\)](https://dev.horticube.wecr.wur.nl/HorticubeService.svc/WAPA%20oogstramingen/?$format=json&$select=%20Productie&$filter=(LEICountry%20eq%20%27Belgium%27)%20or%20(LEICountry%20eq%20%27France%27))

- Comtrade data (Odata protocoll)

<https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Comtrade%20Import%20AGF%20een%20Sierteelt/>

Example:

Selectie: Waarde Product

Filter: Jaar -> 2011

[https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Comtrade%20Import%20AGF%20een%20Sierteelt/?\\$select=%20WaardeProduct&\\$filter=\(Jaar%20eq%20%272011%27\)](https://dev.horticube.wecr.wur.nl/HorticubeService.svc/Comtrade%20Import%20AGF%20een%20Sierteelt/?$select=%20WaardeProduct&$filter=(Jaar%20eq%20%272011%27))

NOT ACTIVE UNTILL NOW

FAO data (Odata protocoll)

<https://horticube.wecr.wur.nl/>