

# First Steps to your SSC

Fax to  
**+49 6151 / 94 12 - 20**

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Please describe your indication in a few words:

Crop and pest

Reference cropping site(s) / region(s)

Target cropping site(s) / region(s)

I wish the following SSC:

### Quick Check

Assessment of the suitability of sites for a SSC to be developed

### Transfer Analysis

Similarity assessment based on the pairwise analysis of NDVI development

### StandardSSC

Similarity assessment based on processed satellite images and additional parameters recommended by EPPO

### Risk evaluation

Comparative risk evaluation between growing sites

### Optimized zonal trial planning

Trial sites selection within an EU zone for mutual recognition optimized in terms of agro scientific and economic parameters

Please contact me to discuss my requirements

Please contact me. I am interested in a presentation of SSC

Please send more information about SSC

Name

First name

Organisation/company

Department/position

Street

Postal code, city

Phone

Fax

Email

Date, Signature



## Site Similarity Certification



Bridging lack of field trial data

Substituting field trials

Optimizing zonal trial planning

Contact

Spatial Business Integration GmbH  
Marienburgstraße 27  
64297 Darmstadt, Germany  
Phone: +49 6151 / 94 12 - 0  
Fax: +49 6151 / 94 12 - 20  
ssc@spatial-business-integration.com  
www.site-similarity-certification.com

## A strategic decision

- **Optimise the strategic planning of trial sites location**

Assess where field trials sites can be substituted, decide where not

- **Identify the similarity of sites**

Identify any agricultural site having similar site characteristics as another specified site (n:1)

- **Certify the similarity of sites**

Prove the site similarity of two defined growing sites (1:1)

- **Shorten time for field trials to 1 year**

Prove the similarity of growing sites in the northern and southern hemisphere and conduct a 2-years trial in only 1 year



## A scientific approach

A Site Similarity Certification aims at proving the comparability of two cropping sites.

For each individual indication following data are considered and analysed *according to the related EPPO guideline*:

- **Satellite images**

As an objective information source for monitoring crop biomass and vitality

- **Physical-geographic parameters**

All kind of official regional weather data, climate, crop phenology stages and soil characteristics

- **Agronomical statistics**

Long term crop yield and acreage statistics, land use

These site characteristics are processed using state-of-the-art databases and software technologies.

They are interpreted for the phenological period to be considered and evaluated based on agronomic expertise.

The results are consolidated by agricultural experts within the SSC document and attached to your Biological Assessment Dossier.

## Many advantages



SSC supports the agrochemical industry in

- **Bridging the lack of field trial data**

In a short time by using a new kind of scientifically proved technology and large-scaled regional information

- **Substituting long lasting field trials**

Conducted for the registration of Plant Protection Products

- **Shortening time to market**

Thanks to substituted field trials

- **Short delivery time**

For a StandardSSC 4 to 8 weeks



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European Space Agency