



syngenta®

Attention
to detail...

Makes perfect
tomato seeds

TM

 **GSPP**
Good seed and plant practices

Tomatoes from Syngenta: Perfection through GSPP

As one of the international leaders in crop protection and the breeding of high-quality seed varieties for the professional market, Syngenta has taken a leadership role as one of the key initiators of Good Seed and Plant Practices (GSPP), a hygiene and prevention system that significantly reduces the risk of *Clavibacter michiganensis* (Cmm), for the tomato market.

A worldwide effort for healthy tomatoes

As a leader in tomato seed production, Syngenta has a responsibility to significantly reduce the risk of Cmm. These dangerous and persistent bacteria can cause serious economic damage and are easily spread through plant handling, cropping, grafting and other host plants, even though infected plants may remain symptomless.

Together with market chain partners and other leading tomato seed companies, Syngenta continually works to develop new ways to keep tomatoes healthy. Good Seed and Plant Practices is the answer from the tomato seed industry to grower demand for healthier, better and safer seeds for the production of tomato plants and for the entire tomato value chain.

Third-party auditing

As part of GSPP, all seed companies and young plant raisers are audited by an independent organization to ensure strict adherence to GSPP standards. Audits are sometimes forewarned or are sometimes unexpected. Strong and weak points are noted during the audit so the participating companies can reinforce and upgrade their infrastructure and processes.



GSPP in seed production

Extracting the seeds for the best tomatoes in the world requires great attention to hygiene. Every detail counts and nothing is left to chance to ensure the excellent condition of the tomato seeds. When it comes to GSPP and seed hygiene and quality, Syngenta strives for perfection.

Syngenta GSPP tomato varieties

Beefsteak:	Growdena, Bigdena, 47455
Cluster:	Clermon, Topanga, T47110
Minicluster Oval >35:	38121
Minicluster Oval <35:	Angelle, Dimple, Sweetelle
Specialty:	Dunnè, Olmeca, Arawak
Rootstock:	Arnold

GSPP focuses on five main areas for hygiene

- The implementation of “green” compartments, separated by a system of locks from the “yellow” zones and “red” controlled areas with very strict entry rules and hygiene protocols
- Water management, including UV disinfection
- Personnel management
- Continuous equipment handling and cleaning
- Crop control (monitoring, sampling, testing)

All active (heated) greenhouse tomatoes will be GSPP

Syngenta plans to provide only GSPP-certified tomato seed for the AGH segment – including commercial varieties, new introductions and seeds for trials – and they will be recognizable by the GSPP logo.





GSPP is the answer from the tomato seed industry to the growing demand for healthier and better seeds for production of healthy tomatoes. GSPP protocols in seed production minimize Cmm risk in the early stages of growth, which is when the plant is at its most vulnerable stage.

- GSPP is a harmonized and transparent risk management tool that helps minimize the occurrence of Cmm infection and ensure the continuity of high-quality tomato production and supply.
- GSPP is shared and offered by all involved seed industry players active in the AGH tomato segment, and it is endorsed by an independent and credible third party.
- GSPP gives growers the assurance that all GSPP-participating seed companies are continuously upgrading their infrastructure and processes with state-of-the-art technology in order to reach the ultimate level of hygiene measures and minimize the Cmm infection risk.



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