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# AAPFCO BIOSTIMULANT MICROORGANISM DATABASE

BIOSTIMULANT INNOVATION COMMITTEE | BPIA

# AAPFCO Microbial Biostimulant Guidance Today



*Microorganisms and claims are progressing at different speeds, requiring clearer visibility.*

## Guidance Is Actively Changing

AAPFCO is regularly updating microorganisms and claims as new information is reviewed and discussed.

## Approval Status Is Not Clear

Microorganisms and claims exist across proposed, tentative, and approved stages — often moving on different timelines.

## The Primary List Is Static

The AAPFCO OP is printed, difficult to search, and becomes outdated quickly as guidance evolves.

# 200+

**AAPFCO-APPROVED  
BIOSTIMULANT  
MICROORGANISMS**

*...and growing*

Each with synonyms, alternate names,  
and permissible claims

# What We Built — In Collaboration



*Developed in collaboration with Nick Young at CDFA*

## **A Dynamic, Online Database**

Built as a living resource that can evolve as microbial guidance and claims continue to change — not a static snapshot in time.

## **Easily Accessible & Searchable**

Designed to be used in real life: fast searching, filtering, and review without flipping through printed documents or PDFs.

## **Connected Microbes & Synonyms**

Microorganism names and known synonyms are linked together to reduce confusion and support consistent interpretation across stakeholders.



[aapfcobiostimulants.brandmavenconsulting.com](https://aapfcobiostimulants.brandmavenconsulting.com)

# AAPFCO Biostimulant Microbe Database



AAPFCO Plant Biostimulant Microorganism List

Sign In

Note: We are currently in BETA testing. AAPFCO status ('proposed' vs 'tentative' vs 'approved') and search by accepted claims for each biostimulant are top features on the roadmap. If you have suggestions or would like to contribute, please reach out to Eric White at Brand Maven Consulting at [eric@brandmavenconsulting.com](mailto:eric@brandmavenconsulting.com)

**BETA Version**

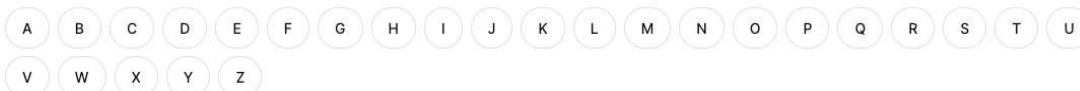
**How To Use**

Suggested by BPIA's BIC!

This list is intended to specifically identify microorganisms considered to be 'plant biostimulants' and to provide accurate identification and permissible labeling claims. This is a communication tool between state control officials and industry and is not an exhaustive list of all microorganisms "allowable" in fertilizers or beneficial substances. Omission of a microbe from this list should not be used as the sole basis for denying registration.

The presence of a "pesticidal property" of a microorganism does not indicate that it must be regulated as a pesticide in the absence of pesticidal claims; products should be evaluated on a case-by-case basis according to their claims, intended use, and supporting data. Similarly, low-risk (Risk Group 1) potential pathogens that pose little to no risk for healthy individuals should also be evaluated on a similar case-by-case basis. While these microorganisms may not be considered plant biostimulants, they may prove to be acceptable as general beneficial substances.

Filter by name



## Microbe Biostimulants

Search

<b>Acaulospora colombiana</b> Also Known As: Entrophospora colombiana, Kuklospora colombiana	>
<b>Acetobacter aurantium</b> Also Known As: Frateuria aurantia, Acetobacter aurantius	>
<b>Acetobacter aurantius</b> Also Known As: Frateuria aurantia, Acetobacter aurantium	>
<b>Acetobacter diazotrophicus</b> Also Known As: Gluconacetobacter diazotrophicus, Saccharobacter nitrocaptans	>
<b>Acidithiobacillus thiooxidans</b> Also Known As: Thiobacillus thiooxidans	>

**Microbe Biostimulants**

Dynamic list

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# AAPFCO Biostimulant Microbe Database



AAPFCO Plant Biostimulant Microorganism List

Also Known As: Peribacillus frigoritolerans, Brevibacterium frigoritolerans

**Bacillus macerans**  
Also Known As: Paenibacillus macerans

**Accepted Claim(s):**  
Nitrogen fixing; nif gene was identified.

Notes:

- "Accepted Claim(s)" are not intended to be verbatim. Label claims can vary as long as it adheres to the general intent of the acceptable claim(s).
- "Beneficial to plants and/or soils" is the default generally acceptable claim, if no additional supported claims have been identified.

**US State Acceptance:**  
All AAPFCO recognized biostimulants are expected to be accepted in all US states. Any known state-specific acceptance or claim issues are listed below.

State

- issue #1
- issue #2

**Found in These Products:**

**Bacillus mucilaginosus**  
Also Known As: Paenibacillus mucilaginosus

## Accepted Claims

w/ applicable notes from AAPFCO

## Potential Registration Issues

Suggested feature

# What's Coming Next



*Currently in Beta*

**COMING SOON**

## **AAPFCO Status Tracking**

Each microorganism will display its current AAPFCO status — Proposed, Tentative, or Approved

**COMING SOON**

## **Claim-Based Filtering**

Search microorganisms by accepted or recognized claims

Supports: Smarter formulation, more defensible labeling, alignment with regulatory expectations

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# Feedback & Collaboration

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*We Want Your Input!*

We're building this as a practical resource for industry and want it to be genuinely useful. If there's something would help make the database more useful, we'd love to hear from you.

## Reach Out

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