

April 3, 2025
Nagase & Co., Ltd.

**Nagase Sanbio Announces the Handling of the Plant-Derived Fungicide "PROBLAD SL"
Toward the Realization of Sustainable Agriculture**

Nagase Sanbio Co., Ltd. (Head-Office: Chuo-ku, Tokyo; President, Toshihiro Sasaki), a wholly owned subsidiary of Nagase & Co., Ltd. (Chiyoda-ku, Tokyo; Representative Director, President and CEO: Hiroyuki Ueshima) has announced the registration and handling of "PROBLAD SL*1," a plant-derived fungicide extracted from the sprouted seeds of edible sweet lupin, developed by CEV S.A. (Portugal; CEO: Hugo Batista), with the Japanese registration approval on March 26, 2025 (Pesticide Registration Number: 24957).

As part of the growth strategy in its Medium-Term Management Plan ACE 2.0, Nagase & Co. has specified the four quadrants of Foundation, Focus, Development, and Improvement, and is carrying out its businesses along the axes of the trading, manufacturing, and R&D functions. The aim of this initiative is to strengthen the trading company functions in the life sciences sector, which is part of the foundation area.

The Ministry of Agriculture, Forestry, and Fisheries (MAFF) of Japan has proposed the "MIDORI Strategy for Sustainable Food Systems*2" for the development of a sustainable food system, which includes several goals such as reducing the use of chemical pesticides (risk-based) by 50% by 2050 and expanding the area dedicated to organic farming to 25% (1 million hectares) by 2050. PROBLAD SL, a natural fungicide based on plant proteins, is expected to contribute to these goals by reducing the use of conventional chemical synthetic pesticides.

Nagase Sanbio has been highly regarded by CEV S.A. for its commitment to developing and introducing environmentally friendly agricultural products. Consequently, Nagase Sanbio has been selected as the exclusive importer and distributor in Japan. The product will be available for sale around the spring of 2026, and Nagase Sanbio will work closely with pesticide manufacturers to promote sustainable agriculture.

Message from Hugo Batista, CEO of CEV S.A.:

The approval of PROBLAD SL for use in Japan marks an important first step in helping producers increase the added value of their crops. We are proud to have Nagase Sanbio as our marketing and distribution partner in Japan, contributing to Japan's strategy for a sustainable food system, the "MIDORI Strategy for Sustainable Food Systems." I would like to express my gratitude to both the Nagase Sanbio and CEV S.A. teams for their diligent and close cooperation in achieving this important goal.

About PROBLAD SL:

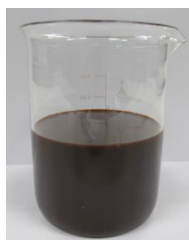
PROBLAD SL is an innovative natural fungicide based on concentrated plant proteins extracted from sprouted sweet lupin seeds. It prevents the growth of fungi and bacteria, primarily in vegetables, and a wide range of crops. The initial approved label includes the use of PROBLAD SL for powdery mildew *3 in general vegetables and gray mold*4 in tomatoes and cherry tomatoes.

Product Name: PROBLAD SL

Active Ingredient: Sprouted Sweet Lupin Extract Protein (BLAD)



Sweet Lupin Seeds



PROBLAD SL (Concentrate)



PROBLAD SL Bottle (image)

*1 : BLAD (Banda de *Lupinus albus* doce) is the abbreviation for the active ingredient name in Portuguese. "Banda" refers to the polypeptide that is the active ingredient extracted from sprouted lupin beans, which is represented by a band in electrophoresis. "Doce" means sweet variety.

*2 : A strategy aiming to improve the productivity and sustainability of food and agriculture through innovation. https://www.maff.go.jp/e/policies/env/env_policy/midori.html

*3 : A common plant disease that causes a white powdery coating on leaves and stems.

*4 : A plant disease caused by filamentous fungi (molds) that produces gray conidial spores.

■Nagase Sanbio Profile

- Company Name: Nagase Sanbio Co., Ltd.
- Head Office: Chuo-ku, Tokyo
- Representative: President, Toshihiro Sasaki
- Business Overview: : Sales of agricultural chemicals, wood preservatives, livestock and fishery feed, health foods, etc.
- URL: <https://division.nagase.co.jp/nagasesanbio/>

■Nagase & Co. Profile

- Company Name: Nagase & Co., Ltd.
- Head Office: Chiyoda-ku, Tokyo

- Representative: Representative Director, President and CEO Hiroyuki Ueshima
- Business Overview: Import/export and domestic sales of chemicals, plastics, electronics materials, cosmetics and health foods
- URL: <https://www.nagase.co.jp/>

◆**Product Inquiries**

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