



Draft Assessment Report

Evaluation of Active Substances

Plant Protection Products

Prepared according to **assimilated Regulation No 1107/2009**
as it applies in Great Britain

**Aqueous extract from the germinated seeds
of sweet Lupinus albus**

Volume 3 – B.4 (PPP) PROBLAD PLUS
Further Information

Great Britain

February 2025

Version History

| When | What |
|----------------------|--|
| June 2024 | Initial DAR |
| February 2025 | Updates made after ECP |
| February 2025 | Updates made after additional information submitted post ECP |
| | Updates made after public consultation |
| | Updates made after additional information submitted post public consultation |
| | [Updates made after any additional steps not covered by the above] |

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B.4. Further information

B.4.1. Safety intervals and other precautions to protect humans, animals and the environment

The applicant proposed pre-harvest interval (PHI) is 0 days for strawberries and tomatoes. However, HSE require a minimum PHI of 1 day.

Re-entry period (in days) for livestock, to areas to be grazed

No data required as no detectable residues present in treated crop.

Re-entry period (in hours or days) for man to crops, buildings or spaces treated

No data required as no detectable residues present in treated crop.

Withholding period (in days) for animal feedstuffs

PROBLAD PLUS is proposed for use on tomatoes and strawberries. No commodities derived from tomatoes or strawberries are incorporated into livestock diet.

A withholding period (in days) for animal feeding stuffs is not required.

Waiting period (in days) between application and handling treated products

No data required as no detectable residues present in treated crop.

Waiting period (in days) between last application and sowing or planting succeeding crops

No data required as no detectable residues present in treated crop.

Not applicable.

Information on specific conditions under which the preparation may or may not be used

PROBLAD PLUS is a broad spectrum, preventive biofungicide formulated as a soluble concentrate containing 20% w/w lead component BLAD. PROBLAD PLUS is recommended for the control or suppression of many important plant diseases. It may be applied as a foliar spray in alternating spray programs with other registered pesticides. PROBLAD PLUS may be applied with spray equipment commonly used for making ground applications.

B.4.2. Recommended methods and precautions

Handling:

Use handling procedures that minimize formation of dust.

Warehouse storage

Store in a cool, dry, well-ventilated place in original container. Keep container closed when not in use. Do not contaminate other pesticides, fertilizers, water, or feed by storage or disposal.

User level storage

Store in a cool, dry, well-ventilated place in original container. Keep container closed when not in use. Do not contaminate other pesticides, fertilizers, water, or feed by storage or disposal.

Transport

| | |
|-----------------------------|--|
| Land transport: | ADR / RID Class: Not classified as dangerous for transport |
| Inland waterways transport: | Not classified as dangerous for transport |
| Air transport: | ICAO/IATA: Not classified as dangerous for transport |
| Marine transport | IMDG/IMO: Not classified as dangerous for transport |
| Other information: | None |

Protective clothing and equipment proposed for use in storage, transport or in the event of fire – nature

For firefighters: In the event of fire, wear self-contained breathing apparatus.

Protective clothing and equipment proposed for use in storage, transport or in the event of fire – characteristics

For firefighters: In the event of fire, wear self-contained breathing apparatus.

Sufficient data to evaluate suitability and effectiveness of the protective clothing and equipment under realistic conditions of use

No specific data is available.

Procedures to minimise the generation of waste

Only purchase and store quantities of product required in the short term. Do not open larger containers than is necessary for immediate requirements.

Information on combustion products likely to be generated in the event of fire

None.

Fire Fighting Measures

For firefighters: In the event of fire, wear self-contained breathing apparatus.

Procedures for cleaning application equipment and protective clothing

Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labelled prior to recycling or disposal.

Effectiveness of the cleaning procedures

Report:

W.D. Gravelle (2014) PROBLAD PLUS: Effectiveness of cleaning procedures, small scale. CEV SA, Unpublished, report No.: 35990 (amended)

GLP

Yes

Method

1.2 g of product were weighted into 300 mL standard water D. 100 mL aliquots were poured into 3 polyethylene bottles, capped and allowed to stand overnight. The bottles were double rinsed with deionized water and allowed to stand overnight, the bottles were inverted twice to re-suspend any settled material and the tank mix discarded. This step was repeated. 10 mL of deionized water was added to the bottles and shaken and this rinsate analysed for BLAD using UV-Vis spectroscopy.

Results

Greater than 99% of the BLAD was removed.

Conclusion

Water with no tank cleaner is effective in removing BLAD.

B.4.3. Emergency measures in case of an accident

Containment of spillages

Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal.

Decontamination of areas, vehicles and buildings

Ensure compliance with EC, national and local regulations. Do not dispose of wastes in the local sewer or drainage system.

Disposal of damaged packaging, adsorbents and other materials

Containers must be disposed of in accordance with local regulations

Protection of emergency workers and residents, including bystanders

Use personal protective equipment

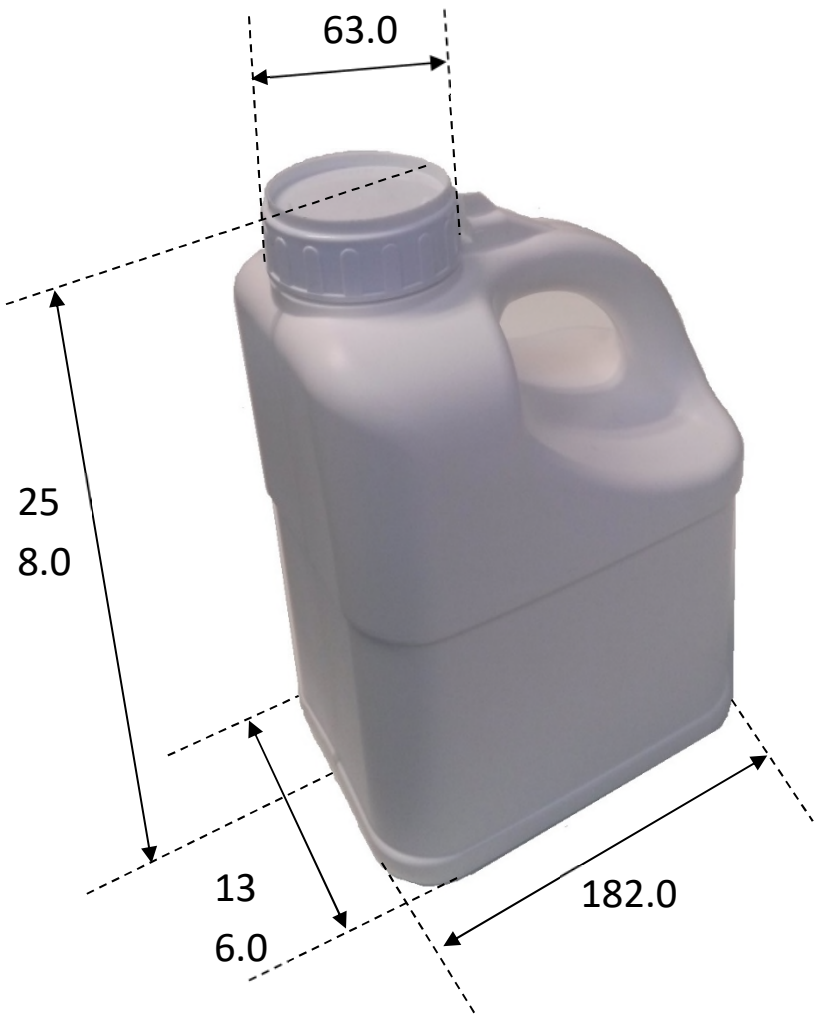
First aid measures

| | |
|-------------------------|---|
| Eye contact: | Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for further treatment advice. |
| Upon inhalation: | Move to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. |
| Following skin contact: | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. |
| Upon swallowing: | Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of |

water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

B.4.4. Packaging, compatibility of the plant protection product with proposed packaging materials

| Packaging item | Description |
|------------------------|---|
| Type of container | Jerricans |
| Material of container | High-density polyethylene (HDPE) blow molding copolymer resin EMDA-6200 |
| Manner of construction | Blow molding |
| Capacity | 4 liters |

| Packaging item | Description |
|---------------------------|--|
| Dimensions (mm) |  <p>63.0</p> <p>25</p> <p>8.0</p> <p>13</p> <p>6.0</p> <p>182.0</p> |
| Size of opening (mm) | 60.0 |
| Weight per unit (kg) | 0.205 |
| Type of closure and seals | HDPE Screw cap 63 mm DIN6063 with induction seal and degassing joint |

Final Packaging:

- Jerricans are packed in cardboard boxes (375x295x290 mm) (four jerricans per box);
- Boxes are palletized (EUR-pallet – 18 boxes per pallet);
- Pallets are charged in 20 or 40 foot shipping containers.

B.4.5. Procedures for destruction or decontamination of the plant protection product and its packaging

B.4.5.1. Neutralisation procedure

A neutralisation procedure is not proposed.

B.4.5.2. Controlled incineration

Not relevant. Dispose of contents/container via an approved waste disposal plant.

B.4.6. References relied on

| Data Point | Author(s) | Year | Title Company Report No. Source (where different from company) GLP or GEP status Published or not | Vertebrate Study Y/N | Data Protection Claimed Y/N | Justification if Data Protection is claimed | Owner | Previous evaluation |
|-------------------|------------------|-------------|---|-----------------------------|------------------------------------|---|--------------|----------------------------|
| CP 4/01 | Anonymous | 2016 | Safety Data Sheet PROBLAD PLUS Company Report No. Not stated Not GLP, Published ⇒ CA 3.8/01 | N | N | NA | CEV | None |
| CP 4.2/01 | Gravelle, W.D. | 2014 | Effectiveness of cleaning procedures, small scale (amended) Company Report No. 35990 Eurofins PSL, USA GLP, Unpublished | N | Y | Data protection is claimed in accordance with Article 59 of assimilated Regulation No 1107/2009 | CEV | |

| Data Point | Author(s) | Year | Title Company Report No. Source (where different from company) GLP or GEP status Published or not | Vertebrate Study Y/N | Data Protection Claimed Y/N | Justification if Data Protection is claimed | Owner | Previous evaluation |
|-------------------|------------------|-------------|--|-----------------------------|------------------------------------|--|--------------|----------------------------|
| | | | Study submitted to meet data requirements | | | | | |