

PROGRESS – K (Potassium mobilizing bacteria)
TECHNICAL DATA SHEET
Product Composition:

| CONSTITUENT | W/W % | FUNCTION |
|------------------------------------------|--------|----------|
| Frateuria aurantia | 02.00% | Active |
| Carrier Powder – Kaolin/Dextrose/Lignite | q.s. | Inactive |

Biological Composition:

| CONSTITUENT | CFU/g. | FORMULATION |
|--------------------|-------------------|-------------|
| Frateuria aurantia | 5X10 ⁷ | Powder |

Storage, handling & usage Precautions:

1. All equipment to be thoroughly cleaned with water and detergent every time before & after using the same equipment for formulating other fertilizers/ pesticides.
2. Product left over to be disposed off in agricultural / farm lands.
3. During application, eating-drinking-smoking are prohibited.
4. Direct contact with **PROGRESS – K** may cause irritation. Operators are advised to use protective gear viz gloves, apron, mask, goggles and hood.
5. Avoid storing along with chemical pesticides, insecticides etc.,
6. Leave sufficient gap of at least 3 days before and after chemical sprays.

Symptoms & Treatment on exposure:

Symptoms: Occasional symptoms include head ache and nausea.

Treatment:

- In case of ingestion: symptomatic treatment is advised and vomiting may be induced.
- In case of contact with Eyes: Flush with water liberally for 20 minutes.
- In case of Skin contact: wash the affected area with water and soap.

Citations:

There are many citations in public domain for over a century on effectiveness of Potassium mobilizing bacteria as a BioFertilizer.

Eco Friendly Features:

- Approved for use in organic agriculture.
- Compatible for parallel use with all bio fertilizers, microbial bio pesticides, organic manure and micronutrients.
- Doesn't pollute Air, Soil, and Water or leave any residues in finished produce.
- Safe to use along with botanical and microbial bio pesticides.
- Effective component in IPM & INM programmes, to reduce usage of chemical fertilizers and preventing soil leaching.
- Doesn't cause resistance or resurgence problems and has zero residue levels unlike chemical inputs.

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Disclaimer:

- All the materials and components used in the manufacturing process are generally known to be non hazardous to human beings.
- It should be noted that the information is given in good faith and manufacturer assumes no responsibility for any damage that may be caused (by using the product) to men, machinery and materials.
- The onus of ascertaining suitability of the product to the proposed application/end use lies solely with the buyer/user.
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