PROTA
Crop Protection

PHOS-STOP 400SL

FUNGICIDE Systemic Effect

A water-soluble systemic fungicide for the control of diseases in crops as indicated.

Aktive Matter : Phosphonic Acid 400 g/L
Group U : 33

PHOS-STOP 400SL is an advanced systemic fungicide formulated with potassium phosphite that provides dual-directional transport through plant vascular systems (xylem and phloem pathways), effectively controlling and preventing fungal infections including leaf blight, crown rot, root decay, and other pathogenic diseases. The product contains two phosphorus elements in the form of phosphonic acid and potassium, which upon entering the plant sap stimulate the production of phytoalexins and proteins that eliminate pathogens and induce resistance against them. This compound has symplastic and apoplastic properties and penetrates all plant organs, delivering comprehensive disease management across diverse crop species through its broad-spectrum activity. Beyond its antifungal capabilities, this formulation provides essential plant nutrition benefits.



Broad-Spectrum Disease Control

The formulation provides exceptional control against diverse pathogenic organisms, particularly targeting:

***Oomycete Pathogens*:**
Phytophthora species (Crown rot, root rot, late blight)
Plasmopara species (Downy mildews)
Peronospora species (Downy mildew complexes)
Pseudoperonospora species (Cucurbit downy

***Disease Manifestations*:**
Foliar blights and leaf spot complexes
Crown and collar rot syndromes
Root decay and vascular wilt diseases
Fruit and storage rot conditions
Seedling damping-off and pre-emergence

SHAKE WELL BEFORE USE
KEEP OUT OF REACH OF CHILDREN

Poison Control Center
bd Said Touati, Bab El Oued Algiers 021 97 98 98

6 131511 231486

Fabriqué en Algérie

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Prod: 15-08-2025
Exp: 15-08-2030

The Best Safe Alternative to Dangerous Chemical Fungicides

bafagro™
Maximizing Yield
SARL BAFAGRO INVEST
Lot 04, Section 09, Group of Properties 248, 31038, Sidi Chahmi, ORAN, Algeria
www.bafagro.com
info@bafagro.com

Shake Well Before Use

1L
Soluble Liquid

MADE IN ALGERIA

FOLIAR APPLICATION:
Application table recommendations:

CROP/DISEASE	MAXIMUM RATE/Ha	RATE PER 100L WATER	RECOMMENDATIONS Thanks to its water-based formula, this fungicide poses no risk to humans or the environment.
Tomato (Field & Greenhouse) Phytophthora infestans (Late Blight)	6.0 L	500 ml	Apply preventively every 7-10 days starting when conditions favor disease development. Begin applications before symptoms appear. In greenhouse conditions, ensure good ventilation. DO NOT apply during flowering period. Can be applied up to 14 days before harvest.
Lettuce Bremia lactucae (Downy Mildew)	4.0 L	400 ml	Start applications at first sign of disease or when environmental conditions favor infection (high humidity, cool temperatures). Apply every 7-14 days as preventive treatment. Resistance management: Rotate with different mode of action fungicides due to potential insensitivity development.
Vineyard Plasmopara viticola (Downy Mildew)	6.0 L	500 ml	Begin applications at 10cm shoot growth. Repeat every 10-14 days during periods of high disease pressure. Apply in 1200-1500 l spray water per hectare. Tank mix with protective fungicides recommended. Critical timing: Pre-bloom and post-bloom applications essential.
Potato Phytophthora infestans (Late Blight)	6.0 L	500 ml	Apply preventively starting 21 days after emergence or when conditions favor infection. Spray every 7-10 days in 500 l water/ha. Increase spray volume as plants develop. DO NOT apply within 21 days of copper-based fungicide applications.
Cucumber (Greenhouse) Pseudoperonospora cubensis (Downy Mildew)	4.0 L	400 ml	Apply at first appearance of symptoms or when environmental conditions favor disease (high humidity, 15-20°C). Repeat every 5-7 days under high disease pressure. Ensure adequate spray coverage under leaves where pathogen sporulates. Resistance note: Clade 2 isolates may show reduced sensitivity.
Stone Fruits Botryosphaeria dothidea (Gummosis)	5.0 L	400 - 500 ml	Apply during dormant season and at bud break. Preventive applications before wound creation (pruning, harvesting). Special application: Can be applied as trunk spray or painting on affected areas after lesion removal. Timing critical during spore release periods.
Green Onion (Scallion) Peronospora destructor (Downy Mildew)	3.0 - 0.4 L	500 ml	Apply at first signs of yellowing or pale green lesions on leaves. More frequent applications needed due to continuous harvesting every 7-10 days during favorable conditions. Focus on young, tender leaves which are more susceptible. Critical timing: Before morning dew formation and during cool periods. Harvest interval: 14 days PHI.
Strawberry Phytophthora cactorum (Crown Rot & Leather Rot)	4.0 - 6.0 L	400 - 500 ml	Soil drench application preferred over foliar spray. Apply in fall after planting when overhead irrigation complete, and again in early spring during rapid root growth. Critical timing: 2-3 week intervals. Resistance alert: Mefenoxam resistance detected in some regions. Note: Less effective against P. nicotianae than P. cactorum.
Citrus Phytophthora citrophthora, P. nicotianae (Brown Rot & Root Rot)	5.0 - 0.6 L	400 - 500 ml	Foliar application: Apply preventively before rain periods and during fruit development. Root rot control: Apply as soil drench during winter months when P. citrophthora is most active. Critical timing: Pre-harvest applications (within 18h after potential infection). Resistance alert: Monitor populations - resistance detected in California. Tank mix with copper fungicides.

Precautions:
- Apply with copper fungicides at a time interval
- Do not mix with oil compounds containing zinc, copper or sulphur
- Do not mix with organophosphorus insecticides

Pre-Harvest Intervals (PHI) 0 days :
Tomato/Potato, lettuce
Grapes, Stone fruits, Green onion
Cucumber, Strawberry

Mixing & Application:
Add to spray tank with agitation
Compatible with most copper fungicides, mancozeb, protective fungicides
Check spray solution pH (optimal 6.0-7.0)
Use within 24 hours of mixing

RESISTANCE WARNING
For resistance management, PHOS-STOP 400SL is a code 33 fungicide. To delay fungicides resistance:
- Avoid the exclusive repeated use of the same fungicides group code. Alternate with or use in tank mixture with products with different fungicide group codes.
- Integrate the control method (chemical, cultural, biological) into disease control programmes.
- Specific resistance risks and management strategies: The registration holder of PHOS-STOP 400SL
- Strobilurine products (pH >8.5), adjuvants with strawberry applications.
Special note for strawberry: Do not tank-mix with copper fungicides, adjuvants, or foliar fertilizers (may cause leaf burn)
Test: Small scale compatibility before large applications

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