

23-APR-2001

**VITAVAX SOLUBLE PACK  
FUNGICIDE  
Wettable powder seed treatment fungicide**

**COMMERCIAL**

**NET CONTENTS: 1.3 KG**

**GUARANTEE: Carathiin.....42.97% W/W**

**REGISTRATION NO. 26617 PEST CONTROL PRODUCTS ACT**

**KEEP OUT OF REACH OF CHILDREN**

**READ THE LABEL BEFORE USING**

**DANGER: SKIN AND EYE IRRITANT**

CROMPTON CO./CIE  
25 ERB STREET  
ELMIRA, ONTARIO

# **VITAVAX**

## **SP Soluble Pack**

Systemic fungicide seed protectant for wheat, barley, oats, rye and flax.  
Contains carbathiin for the control of smuts, bunt, seed rots and seeding  
blights in wheat, barley, oats, rye and flax.

### **COMMERCIAL**

**GUARANTEE:** Carbathiin.....42.97% W/W

**REGISTRATION NO. 26617 PEST CONTROL PRODUCTS ACT**

**KEEP OUT OF REACH OF CHILDREN**

**READ THE LABEL BEFORE USING**

**DANGER: SKIN AND EYE IRRITANT**

Individual soluble packages of this product must not be sold separately

**NET CONTENTS: 8 X 1.3 KG**

CROMPTON CO./CIE  
25 ERB STREET  
ELMIRA, ONTARIO

VITAVAX SP is a systemic fungicide to control the following diseases:

Barley	- False Loose, covered, True Loose Smut. Suppression of Leaf Stripe*, Net Blotch*, and Common Root Rot*
Wheat	- True Loose Smut, Stinking Smut or Bunt. Suppression of Common Root Rot*.
Oats	- Loose and Covered Smut. Suppression of Common Root Rot*.
Rye	- Stem Smut. Suppression of Common Root Rot*.
Flax	- Damping off and seed decay.

***\*Seed Treatment will not protect post-seedling plants from infection.***

VITAVAX SP will generally increase emergence and plant stands by reducing seed-borne seed rots and seedling blights. This beneficial effect will allow treated seed to give increased yields for crops growing under stress conditions such as disease, cool weather, and drought.

#### **DIRECTION FOR USE:**

Vitavax (SP) Soluble Pack is a wettable powder formulation packaged in water soluble sachets to minimize potential exposure to the user and reduce disposal problems associated with plastic containers.

Vitavax SP must be mixed with water before it can be applied to seed. A mixing tank with good circulation provided by a mixer or recirculation pump is required to dissolve the sachets. The Vitavax SP box contains 8 sachets of seed treatment enclosed in a protective plastic overwrap.

**Mixing: Use 1 sachet for every 8 litres of mixture.**

**Example: For 4 sachets to make 32 litres of mixture:**

1. Remove the protective overwrap from each sachet of Vitavax SP and place sachets in the mixing/slurry tank.
2. Add ½ the total volume of water (16 litres) and let the mixture sit for one minute.
3. Agitate for 5-10 minutes or until visible signs that the sachet material have been dissolved. Note: Longer mixing times are required in cold water or if agitation is marginal.
4. Add remaining amount of water required to bring mixture to the total slurry volume. While treating, set mixing/ recirculation at half speed, sufficient to keep the product gently mixed but not enough to cause aeration.

#### **TREATMENT RATE FOR VITAVAX SP**

Crop	mL per 25 kg of seed	Litres per tonne of seed	KG of seed treated by		
			1 sachet	4 sachets	8 sachets
Wheat	200-250*	8.0-10.0*	1,000-800*	4,000-3,200	8,000-6,400
Barley	200-250*	8.0-10.0*	1,000-800*	4,000-3,200	8,000-6,400
Oats	200	8.0	1,000	4,000	8,000
Rye	200	8.0	1,000	4,000	8,000
Flax	333	13.3	600	2,400	4,800

\*For wheat and barley varieties highly susceptible to true loose smut and high levels of smut or bunt on seed, the 250 mL rate will give increased disease control.

#### **METHOD OF APPLICATION:**

Vitavax SP is designed for commercial treaters and on-farm treating. This chemical when mixed with water is added directly to the seed as it enters a mixing chamber. It is important that the seed and chemical are mixed quickly and uniformly. See instructions supplied with the applicable treated system for information on proper application techniques.

#### **GENERAL INFORMATION:**

1. Seed is protected by VITAVAX SP as soon as it is treated. Seed may be planted immediately.
2. Calibrate seedling equipment using treated seed to ensure proper seedling rate.
3. Germination will not be affected by treatment when seed is properly stored. All seed carried from one year to the next, whether treated or untreated, should be checked for germination before planting.
4. Uniform coverage at the correct rate is important for satisfactory results. Under treatment will lead to loss of efficacy and over treatment could reduce germination. Refer to instructions supplied with your seed treater or to information supplied by CROMPTON CO. for assistance with proper treating.

#### **USE RESTRICTIONS:**

1. Do not graze or feed livestock on treated areas for four weeks after planting.
2. Treated seed must be labelled as follows: "This seed has been treated with Vitavax SP Seed Protectant - contains carbathiin: do not use for food, feed or oil processing."
3. Do not contaminate feed and foodstuffs.
4. Do not contaminate ponds, lakes or streams.

#### **SAFETY PRECAUTIONS:**

1. KEEP OUT OF REACH OF CHILDREN

2. Severely irritating to skin and eyes. DO NOT GET ON SKIN, IN EYES OR ON CLOTHING.
3. Wear coveralls over a long sleeved shirt and long pants, chemical resistant gloves, goggles or face shield and a NIOSH/MSHA/BHSE approved dust/mist filtering respirator during mixing, loading, application, clean-up and repair activities.
4. HARMFUL IF INHALED. Work in a well ventilated area when treating seed or while augering or handling treated seed. When handling treated seed, wear coveralls over a long sleeved shirt and long pants, chemical resistant gloves, goggles or face shield and a NIOSH/MSHA/BHSE approved dust/mist filtering respirator.
5. Augers used for handling treated seed should not be used to move seed for feed, food or oil processing.
6. Do not re-use bags from treated seed to handle food or feed products.

**TOXICOLOGICAL INFORMATION:**

This compound does not cause any definite symptoms that would be diagnostic. Contact with eyes may cause irritation.

NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically.

**FIRST AID:**

IF SWALLOWED: Induce vomiting by giving the patient syrup of IPECAC (adult or child 12 years or older, 30mL; child under 12, 15mL) followed by water to enhance vomiting. Keep patient quiet, seek medical attention immediately bringing this labelled container with you.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN/CLOTHING: 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.

IF INHALED: Avoid breathing dust. If irritation develops leave premises and seek fresh air. If irritation continues obtain medical attention.

Seek medical attention immediately if irritation persists or is severe. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**STORAGE AND DISPOSAL:**

1. STORAGE: Store product in original package and box only, away from other pesticides, fertilizer, food or feed. This product should not be stored at or below 0°C. Remove soluble pack sachets only when they are to be used.
2. If a sachet ruptures inside the outer bag, contents can still be used. Add contents to a mix tank and triple rinse bag with water. Top up mixing tank with required volume of water as discussed under Direction for Use.
3. Dispose of empty outer bags and box in accordance with provincial requirements. The box should be retained until all 8 pouches of product have been used.

4. For information on the disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:**

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

**NOTICE TO BUYER:**

Sellers guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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