

# Gro Spurt

## XCYTACEL

### PLANT GROWTH REGULATOR –WATER MISCIBLE SOLUTION

Registration Number- 2021722S -Fertilizer Act

Lot Number:

Guaranteed Minimum Analysis  
6 Benzyl Adenine (6BA).....1.9% w/w

6 Benzyl Adenine is a plant supplement to aid the growth and vigour of plants.

**Grospurt Enterprises Inc.**  
PO Box 74031 Hillcrest Park PO, Vancouver B.C., V5V 5C8  
[www.grospurt.com](http://www.grospurt.com) [info@grospurt.com](mailto:info@grospurt.com)

#### KEEP OUT OF REACH OF CHILDREN

Net contents: 19g 6BA per Kg

Container Size: 1 litre

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 604-540-4100 (CEDA Emergency response 24-hr) for emergency medical treatment information.	

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Do not get in eyes, on skin, or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before re-use.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below.

##### Applicators and other handlers must wear:

- Protective eyewear
- Coveralls worn over short-sleeved shirt and short pants
- Shoes plus socks
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE items separately from other laundry.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment wash waters or rinsate.

Do not apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs or wetlands) and estuarine/marine habitats.

#### PHYSICAL AND CHEMICAL HAZARDS

FOR EMERGENCY: spill, leak, fire, exposure, or accident call

Poison control center or CEDA Emergency Response Team 24-hr Telephone number 604-540-4100

#### DIRECTIONS FOR USE

This product contains a plant growth hormone and should be used as directed. It may prove harmful when misused. Specific instructions for use in each applicable crop type are contained in the label body under the crop type being treated

#### GENERAL INFORMATION

- Use only as directed. Read thoroughly and understand the label before making applications.
- Thoroughly spray all parts of the plant or crop to obtain the desired result.
- Prepare solution concentrations by mixing the required amount of product with water only in a clean empty spray tank.
- Dispose of any unused spray material at the end of the day. Refer to the Storage and Disposal section of this label for product disposal instruction.
- When a range of rates is indicated, consult your local agricultural representative or a professional agricultural consultant for the best program suited to your local conditions.
- Ensure that the pH of the water is less than 8.5.
- Absorption of Xcytancel into the plant is greatest under slow drying conditions. Nighttime applications will be more effective when daytime conditions cause rapid drying. Re-apply Xcytancel if significant rain occurs within 2 hours of application.
- Air blast application: Do not direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. Do not apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.
- Do not apply by air.
- Consult your local agricultural representative or a professional agricultural consultant regarding the compatibility of 6 Benzyladenine with other compounds.
- Do not re-enter or allow re-entry into treated areas until 12 hours after application.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Keep containers tightly closed when not in use.

**Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or puncture and dispose of in a sanitary landfill.

## WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

Grospurt Enterprises Inc. ("GROSPURT") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, GROSPURT makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of GROSPURT or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of GROSPURT or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) GROSPURT disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) GROSPURT'S liability under this label shall be limited to the amount of the purchase price or, at the election of GROSPURT, the free replacement of the Product.

## GENERAL INSTRUCTIONS AND EXPLANATIONS

### DETERMINING OPTIMAL APPLICATION RATES

The rates on this label are ranges and an optimum XcytaceL rate will depend on desired expectations as well as physical and environmental factors. Specific growing practices such as watering, potting media, fertilization, temperature, and light conditions will affect plant responses to a given XcytaceL rate.

Results from XcytaceL applications are dependent upon timing, rate, frequency of application, and plant vigour at application. XcytaceL applications made under slow drying conditions (cool temperatures, low air movement and medium to high relative humidity) will increase absorption by the plant, thus optimizing effectiveness.

To determine optimum use rates, conduct trials on a small number of plants under actual use conditions using the lowest recommended rate. When a range of rates is indicated, use the lowest concentration recommended until familiarity is gained.

### LIMITATIONS

**For optimum effectiveness, thorough spray coverage must be achieved; all parts of the plant or crop must receive the spray to runoff or desired results will not occur.**

Do not apply to plants under pest, nutritional, or water stress. XcytaceL will not correct or substitute for treatment of pest, nutrient, or water stresses. Avoid drift onto non-target species. Over-application has the potential to result in undesirable accelerated plant growth.

### MIXING INSTRUCTIONS AND RATE CONVERSION TABLE

Apply with standard spray equipment set according to manufacturer's indications.

XcytaceL mixes readily with water. For best results, have the water pH at 7.0 and always below 8.5.

Foliar Applications: Always make sure application equipment is thoroughly clean before mixing. When preparing XcytaceL for use as a foliar spray, fill tank to one half full. Add the amount of XcytaceL according to the rate conversion table below. Complete filling the tank. Dispose of any unused spray material at the end of each application following local, Provincial or Federal Law or guidelines.

### CONVERSION TABLE

ppm (6BA)	Milliliters(mL) of XcytaceL/100 L of water	Milliliters(mL) of XcytaceL/100 gal water	g ai/acre (ha)
1	5.25	20.0	0.4 (1.0)
5	26.25	100	2 (5.0)
10	52.5	200	4 (10)
20	105	400	8 (20)
25	131.5	500	10 (25)
50	263	1000	20 (50)
100	525	2000	40 (100)
250	1315	5000	100 (250)
500	2630	10,000	200 (500)

### Glossary of Terms

ppm	Parts per million
g ai/acre	Grams active ingredient per acre
g ai/ha	Grams active ingredient per hectare
REI	Restricted entry interval
PHI	Pre-harvest interval

### IMPORTANT NOTES:

-For best results, always apply XcytaceL as a foliar spray until runoff.

-As this is a potent plant growth enhancer it is important that adequate plant nutrients are given while applying XcytaceL.

## **SPRAYING GUIDE FOR FRUIT CROPS**

### **APPLE**

Apply **20-40 ppm (105-210mL/100 L)** 8-16g ai/acre (20-40g ai/ha) and spray twice at the higher rate and 3 times at the lower rate at 5 day intervals as a foliar spray to run off at blossom drop to increase fruit size. PHI 28 days.

### **PEAR**

Apply **20-40 ppm (105-210mL/100 L)** 8-16g ai/acre (20-40g ai/ha) and spray twice at the higher rate and 3 times at the lower rate at 5 day intervals as a foliar spray to run off at blossom drop to increase fruit size. PHI 28 days.