# CAVALIER

A CONCENTRATED MIXTURE OF HUMIC ACID



NON-PLANT FOOD PRODUCT CONTAINS NON-PLANT FOOD INGREDIENTS

#### **ACTIVE INGREDIENTS:**

ACTIVE INGREDIENTS: 18% Humic Acid (from Leonardite) INERT INGREDIENTS: 82% Inert Ingredients

TOTAL: 100%

NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE

## **KEEP OUT OF REACH OF CHILDREN** WARNING

#### PRECAUTIONARY STATEMENTS

If medical advice is needed, have product container or label at hand. Keep out of reach of children.

Read label before use.

### **HAZARD STATEMENTS**

May be harmful in contact with skin Causes mild skin irritation. May be harmful if inhaled Causes eye irritation.

Harmful to aquatic life

#### Prevention:

Wash hands, face and other affected areas thoroughly after handling

Avoid release to the environment

Call a POISON CENTER or doctor/physician if you feel unwell. If INHALED: Call a POISON CENTER/doctor if you feel unwell.

If skin irritation occurs: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eve irritation persists: Get medical advice/attention.



NET CONTENTS: 2.5 Gal (9.46 L) NET WEIGHT: 24 lb (10.88 kg) DENSITY: 9.6 lb/gal @ 68 °F



CAVALIER OAC is a concentrated aqueous mixture of Humic Acid that is suitable for soil (broadcast, band, drip) and foliar application. It can be used alone or mixed with a wide range of plant protection and plant nutrition products (it is recommended to do a jar mix test prior to use).

CAIVALIER OAC has been successfully used on tree crops, vegetables, cereal crops, grapevines, potatoes, onions, corn, sugar beets, sunflower, strawberries, etc.

Humic acid may aid in micronutrient uptake. pH: 4-5

#### APPLICATION RATES AND RECOMMENDATIONS

#### OTHER APPLICATIONS

1. Soaking seeds prior to planting:

Small seeds (wheat, barley, oats): 24 hours prior to sowing, soak sacks of seeds in a solution at 20 oz./30 gal water.

Large seeds (cotton, potato, etc.): Same as above but use solution at 10 oz./30 gal

2. In combination with iron chelates (EDDHA 6 % Iron):

8.0 oz. *CAVALIER OAC* + 4.0 oz. EDDHA/10.000 sf (applied via drip irrigation).

3. Applied via drip irrigation:

Vegetables: Immediately after planting and then every 3-4 weeks at 10-16 oz./10,000

Field crops (cotton, corn, cereals etc.): (32 oz./acre) repeated 5-6 times during growing season.

4. Mixed with foliar fertilizers:

CAVALIER OAC at 2.0 oz./30 gal water.

As buffer on spray tank to reduce pH: CAVALIER OAC at 2.0 oz./30 gal water.

#### MIXING INSTRUCTIONS

#### SHAKE WELL BEFORE USE.

Fill the spray tank half full with water. Add *CAVALIER OAC* at the recommended rate, as well as any fertilizers and plant protection products to be used. Agitate the solution when topping oil the tank with water — and then spray.

#### STORAGE

Keep *CAVALIER OAC* tightly sealed in the original container. **D0 N0T** store below 32 °F or above 104 °F. Under normal storage conditions the product will keep its physical and chemical properties for at least 3 years.

#### APPLICATION RATES AND RECOMMENDATIONS

(use lower soil rate if combined with foliar application) Crop quality, naturally.

CROP	SOIL	FOLIAR (can be applied in combination with fertilizers, growth regulators, herbicides or pesticides)
Potatoes, carrots, onions, sugar beet, red beet	Broadcast application at a rate of 32-64 oz/acre. Band application at a rate of 16-32 oz/acre.	When plants are 4-6 inches high, apply 16-32 oz/acre. Same rate can be repeated 2–3 weeks later.
Cotton, corn, soybeans, cereal, sorghum, wheat, sunflower	Broadcast application at a rate of 32-64 oz/acre. Band application at a rate of 16-32 oz/acre.	When the plants are 8-10 inches high apply 8-16 oz/acre. Same rate can be repeated 2–3 weeks later.
Vegetables (open air) Tomatoes, peppers, string beans, egg plant, lettuce, melons, cabbage	Broadcast application at a rate of 32-64 oz/acre. Band application at a rate of 16-32 oz/acre.	When plants are 4-6 inches high, apply 8-16 oz/acre. Same rate can be repeated 2–3 weeks later.
Vegetables (greenhouse)	After seeding/planting apply in band at 8.0 oz/10,000 sf.	Irrigate seedlings after transplanting with a solution of 24 oz. <i>CAVALIER OAC</i> per 100 gallons water. Apply with drip irrigation every 3–4 weeks.

CROP	SOIL	FOLIAR (can be applied in combination with fertilizers, growth regulators, herbicides or pesticides)
In vineyards and orchards (apples, grapes, fruits, citrus, olive, nuts, coffee, banana)	When vegetative growth begins, apply at 3.0 oz/5 gallons of water evenly beneath canopy for each small to medium sized tree or every 30 linear feet of wines. For larger trees over 30 feet tall use 6.0 oz/10 gallons of water. If a drin irrigation system exists, apply at 32 oz/acre with drip fertilizer. Follow soil application with 1-2 follar applications or label recommendations or repeat soil application after 5-6 weeks.	Can be applied with foliar fertilizers, plant growth regulators or pesticides at the rate of 4.0 oz/30 gal water sprayed directly on developing leaves. Repeat application after 3-4 weeks.
Turf Grasses	Apply 5.0 oz in sufficient water volume to cover 1000 sf prior to seeding or sodding.	Apply 2-3 oz in sufficient water to cover each 1000 sf in spring and repeat monthly until early fall.
Ornamental Trees, Shrubs and bedding plants	Trees and Shrubs: Ring 2.0 oz in 5 gallons of water under canopy of small to medium size trees and shrubs. For large trees use 4.0 oz. in 10 gallons of water spread evenly under canopy.  Ornamental Bedding Plants: Apply 2.0 oz in sufficient water to cover 1000 sf prior to planting.	For small trees and shrubs spray canopy at a rate of 1.0 tablespoon (0.5 oz) per gallon of water once leaves have developed. For ornamental beds mix 1.0 oz. of <i>CAVALIER OAC</i> in 2 gallons of water for every 100 sf of beds. Spray directly on developing leaves in Spring and repeat after 3-4 weeks.

#### WARRANTY AND LIMITATION OF DAMAGES

INNVICTIS CROP CARE. LLC warrants only that this product conforms to the product description on the label and is reasonably fit for the purposes stated in the Directions For Use. The Directions for Use of this product are believed to be adequate and must be followed carefully. It is, however, impossible to eliminate all risks associated with this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner or use or application, all of which are beyond the control of INNVICTIS CROP CARE, LLC. All such risks must be assumed by the buyer or user. Except as warranted on this label, INNVICTIS CROP CARE, LLC makes no representation, warranty or guarantee, whether expressed or implied including, but not limited to, warranty of merchantability, fitness for a particular purpose, or otherwise. No agent or representative of INNVICTIS CROP CARE, LLC or the seller of the product is authorized to amend the terms of this Warranty disclaimer or the product's label or to make a representation or recommendation different or inconsistent with the label of this product. To the extent consistent with applicable law, INNVICTIS CROP CARE, LLC's maximum liability for breach of its warranty or for use of this product, regardless of the form of action, shall not exceed the purchase price of this product. To the extent permitted by applicable law, INNVICTIS CROP CARE, LLC shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages. If the warranty and liability limitations or disclaimer are not acceptable, return the unopened container to the place of purchase for full refund. To the extent not inconsistent with applicable law or the label, the purchase, delivery, acceptance and use of this product by the buyer is subject to the terms and conditions of seller's sales invoice for this product. DC 51147961.2