

HUMAX[®]



PRODUCT INFORMATION

HUMAX is a humic acid product extracted from leonardite and **HUMAX** has been labelled the *Black Gold in Agriculture*. It consists of a mixture of macromolecules that may increase the uptake of mineral nutrients in plants. Humic acid is the major constituent of humus.

HUMAX promotes the conversion of a number of essential plant nutrients into available forms by chelating with the nutrients.

HUMAX and its derivatives, in small amounts, increase the permeability of cell membranes and hence promote the uptake of nutrients by plants. The colloidal nature of **HUMAX** allows it to absorb a large quantity of water molecules and hence increases the water holding capacity of soil.

HUMAX can increase soil particle aggregation. As a result, it can increase soil aeration, tilth and workability, as well as better water movement.

HUMAX can be applied to ALL crops including all vegetables, potatoes, carrots, onions, all berries and strawberries, all brassicas, all fruit trees, avocados, persimmons, citrus, all nut trees, vineyards, kiwifruit, tropical fruit, lettuce, asparagus, all melons, beans, ginger, ornamentals, cut flowers and pastures.

GUARANTEED ANALYSIS

Humic Acid 80%

Derived from Leonardite

COMPATIBILITY

Always perform a compatibility test before mixing any products with **HUMAX**.

DO NOT mix **HUMAX** with Calcium based products.

HUMAX is best dissolved by sprinkling the product over the top of warm water gently and allowing the product to be absorbed gradually by the water. It is not advisable to pour the entire contents of the product into water as it may take longer to dissolve. Let the product settle under the water before agitating.

WARNING

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

PRECAUTIONS

Keep out of reach of children. Read label before use. Wash hands thoroughly after handling.

Avoid breathing dust. Wear protective gloves. Wear eye and face protection.

Use only outdoors or in a well-ventilated area. Wash contaminated clothing before reuse.

IF ON SKIN: Wash with plenty of water. If irritation occurs: Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. If irritation persists: Get medical advice.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell. Store in a locked, well-ventilated area. Keep container tightly closed.

Dispose of contents/container in accordance with local regulations.

24-hour emergency number: 0800 764 766 (NZ Poisons Centre)

Approved Pursuant to the HSN0 Act 1996, under the Fertilisers – Subsidiary Hazard group standard HSR002571. See www.epa.govt.nz for approval conditions.



Net Contents: 5kg
Lot#

Best Before Date:

Imported and distributed in New Zealand exclusively by: Roots, Shoots & Fruits Ltd, C/- 27 Hastie Avenue, Auckland, New Zealand. Ph: +64 (0) 9372 9155 Email: rsf@rd2.co.nz
Website: www.rd2.co.nz Manufactured by: JH BIOTECH, INC. PO Box 3538, Ventura, CA 93006, USA. www.jhbiotech.com This product embodies proprietary or patented information and may be used only for agricultural purposes. Any duplication, reproduction, breeding, transformation or reverse engineering is prohibited.

SOIL HEALTH · PLANT HEALTH · YOUR HEALTH

Directions and General Recommendations

SOIL APPLICATION

HUMAX may be applied before or at planting through irrigation water. The application rate is 1 - 2 kilograms per hectare depending on crop, soil conditions and application methods. It can be applied to all crops as a soil application.

ALL FIELD CROPS: (Grain crops, flowers, pastures, etc...): Apply 1 - 2 kilograms of **HUMAX** per hectare when crops are 15 - 30cms high or when deficiency symptoms appear. Repeat application as needed.

ALL VEGETABLE CROPS: Apply 1 - 2 kilograms of **HUMAX** per hectare at about 2 - 4 weeks after emergence. Repeat the application as needed.

APPLES, POME & STONE FRUIT: Apply 1 - 2 kilograms of **HUMAX** per hectare 3 - 4 times throughout the season. Reapply 6 weeks before dormancy also.

FRUIT TREES & AVOCADOS: Apply 1 - 2 kilograms of **HUMAX** per hectare in early Spring when new leaves emerge or 2 weeks before flowering. Repeat the application at least once

every month throughout the season and also as a post harvest application.

KIWIFRUIT: Apply 1 - 2 kilograms of **HUMAX** per hectare in early Spring when new leaves emerge or 2 weeks before flowering. Repeat the application at least once every month throughout the season and also as a post harvest application.

GRAPES: Apply 1 - 2 kilograms of **HUMAX** per hectare in early Spring when new leaves emerge or 2 weeks before flowering or any time. Repeat the application once every month throughout the season and also as a post harvest application.

FOLIAR APPLICATION

HUMAX can be applied as a foliar application at a rate of 0.5 – 1 kilograms per hectare.

HUMAX should not be applied as a foliar application targeting fruit or flower crops after fruit set, especially on kiwifruit, apples, peaches, persimmons, nectarines, table grapes, strawberries or flowers. **MOBILIZER** is a better alternative after fruit set for most crops as a foliar application.

HUMAX is best applied when plants are in an active growing stage, after irrigation or rainfall. For foliar application, it should be diluted with at least 1000 times of water.

HUMAX may be used at any time throughout the season. For best results and more specific recommendations, contact Roots, Shoots & Fruits.

LIMITED WARRANTY

Manufacturer or reseller makes no warranty, whether expressed or implied, concerning the use of this product other than for the purposes indicated on the label. Neither manufacturer nor reseller shall be liable for any injury or damage caused by this product due to misuse, mishandling or any application not specifically described on the label.