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# Natural Care Lawn & Garden Products

Div. 6021018 Canada Inc.

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Wholesale suppliers of Natural fertilizers and soil conditioners

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## Liquid products

### Ascophyllum Nodosum ( Sea Plant Extract)

0-0-6

Turf and ornamentals around the world have benefits from using Ascophyllum nodosum extracts for decades. Extensive research with these extracts has determined that the growth hormones and cytokinin, coupled with Ascophyllum nodosum's diverse micronutrients, enhances growth development and yield.

Features/Benefits:

- \* 100% marine plant extract.
- \* Improves seed germination and increases root development.
- \* Provides deeper root systems.
- \* Increases microbial activity, thus reducing thatch.
- \* Increases bloom set and size of flowers and fruit.
- \* Increases and stabilizes chlorophyll in plants, which results in darker green leaves and increased sugar content in plants.
- \* Relieves stress in plants caused by extreme weather conditions, resulting in superior quality turf density and hardiness.
- \* Increased plant vigour, and thus a greater resistance to disease, insect attack, drought and frost.
- \* Increases mineral uptake from the soil and foliar feeding into the plant.
- \* Increases anti-oxidant activity in plants thus retarding the loss of protein, chlorophyll, RNA, and therefore the aging process in plants thereby lengthening the production season and delaying senescence.

Where to use Ascophyllum nodosum 0-0-6:

- \* Start foliar applications at initial growth stage, then every 3-4 week intervals.
- \* Apply additional applications after periods of stress, heavy use, newly applied sod, or late season to improve resistance to winterkill/frost damage.
- \* Can be added to foliar sprays to increase uptake & translocation. Flower beds to increase bloom set & recovery after cutting blooms. To lengthen the life of cut flowers, spray a 1-2 days before cutting.
- \* Anyplace for stronger, deeper turf roots and deeper colour, particularly in areas of stress such as high wear, poor soil conditions, etc.

- \* Excellent for improved colour/vigour of ornamentals, shrubs & trees.
- \* Product should be used as part of a complete fertility program.

#### Application Rates:

##### \* Mixing instructions:

Fill one-half of a mixing container with water. Gradually add Asco, mixing constantly. Bring to final volume with additional water and continued agitation. Sprayers: 1 1/2-3 oz in 2 1/2 gallons (High Vol.), 1 gallon (Low Vol.) of water per 1000 ft<sup>2</sup> or 45-90 ml in 10 litres of water per 100 m<sup>2</sup>.

##### \* Ornamentals:

Apply as above, or at a rate of 2-4 quarts per acre (5-10 litres/hectare). Make applications at 2-4 week intervals. Continue with applications to greens and shrubs, but avoid open flowers (product may stain petals). Continue with regular applications post-flowering. Compatible with other soluble fertilizer mixtures. Applications may also be made into soil of potted plants or watered directly into flower beds.

### Natural care Neem 6-4-4

Liquid organic fertilizer formulated from several natural botanical extracts including Neem Oil

It is approved as an organic input by BCS, Germany

#### Features/Benefits:

- \* Increases yield.
- \* Promotes healthy, rapid growth in all plants.
- \* More robust, healthier plants are more tolerant to environmental stresses including insects & disease.
- \* Conditions soil.
- \* Shortens harvest cycle.
- \* Low temperature resistance.
- \* Works in low temperatures.
- \* Biodegradable.
- \* Non-toxic.
- \* Environmentally friendly.

#### Where to use Natural Care Neem 6-4-4

- \* All plants including small and tree fruit, grapes, vegetables, container stock, nurseries, bare-root nursery stock, greenhouses, hothouses and hydroponics.
- \* Flowers, shrubs, ornamentals - indoor and outdoor.

#### Application Rates:

Apply Neem 6-4-4 as a foliar spray or via the plant root system from 1200:1 to 300:1 every 7 - 21 days or as required.

Field crops: Apply 4 1/2 - 6 1/2 L/Ha (11 1/2 - 3 l/acre) every 7 - 21 days or as required.

#### Other:

- \* Improves plant tolerance to extreme environmental and cultural stresses.
- \* Research is completed or is ongoing at many Research Stations looking at various benefits such as:
  - o Ag Canada, Agassiz, BC - inhibition of Botrytis cinera, Pythium, Fusarium, Didymella in greenhouse cucumbers & tomatoes.
  - o Ag Canada, Kentville, NS - controlling mites (ERM, TSSM, pear rust mite) and apple and pear scab and mildew.
  - o Ag Canada, University of Guelph, ON - strawberry gray mold (Botrytis), Rhizopus leak (rot), Penicillium rot, anthracnose rot (Collectotrichum). Stored carrots - Botrytis.
  - o Ohio State University - control of winter molds (Botrytis cinera) on bare-root nursery stock.
  - o Lincoln University, NZ - control of powdery mildew of grapevines.
  - o University of Florida, Apopka - black spot on roses

### Horticultural Vinegar

#### What is it:

Naturally produced from plants. Horticultural Vinegar contains 20% acetic acid and a plant based surfactant.

**Features /Benefits:**

Horticultural Vinegar is used to clean many area's from unwanted vegetation

Excellent for cleaning and de-scaling greenhouse and hydroponic equipment and drip lines.

Cleans up and brings back the life to patios, walkways, around pools, decks and stonework.

**Where to use it:**

Greenhouses, hothouses, solarium, garden shed, hydroponics.

**Rates:**

1:1 mix with water will adequate for most jobs.

Use it full strength for those hard to clean-to-clean or heavy duty job.

**Other:**

Use caution, when handling product full strength.

When cleaning patio stones be sure to rinse the stone to prevent etching.

Will not harm earthworms or beneficial bacteria and fungi.

Will not persist or build up residues.

Apply on calm days and in a matter that reduces risk of spray-drift as not to effect nearby desirable vegetation gardens.

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