



## Plant Health Supplements.

Plant health can be maintained in several ways, but if a liquid fertilizer programme is the basis of the nutritional input then this opens up multiple options. Not only are the application rates of liquid fertilizers very flexible (you can apply 1lt of product evenly over a hectare, you can't apply 1 kilogramme of a granular fertilizer accurately and evenly over the same area) but you can tank mix several supplemental products to enhance the results.

At the present time where the majority of turf surfaces are closed, but still being maintained, several products will really benefit the turf professional in maintaining plant health.

### Root Development

A healthy root system usually ensures a healthy sward, so applying root development products will pay dividends in the future. By increasing root mass and length, the number of root hairs also increases, and the plant is able to access more nutrients and moisture from the rootzone and become less reliant on regular nutrition applications which are required for shallow roots.

### Humivate and Humivate XL

A natural soil conditioner and root developer formulated with humic and fulvic acids. Accelerated cell division within the root increases the development of the root system. Cation Exchange Capacity is also improved, so reducing leaching and improving the availability of nutrients. Humivate XL is fortified by the addition of a trace element package to ensure optimum utilization of macro nutrients

#### Humivate

<b>Humic Acid:</b>	<b>12%</b>
<b>Fulvic Acid:</b>	<b>3.0%</b>
<b>Nitrogen:</b>	<b>0.1%</b>
<b>Phosphorous:</b>	<b>0.18%</b>
<b>Potassium:</b>	<b>4.15%</b>
<b>Application Rate:</b>	<b>10-20lt/ha</b>
<b>Water Volume:</b>	<b>Min 500lt/ha</b>

#### Humivate XL

<b>Humic Acid:</b>	<b>5.76%</b>	<b>Iron</b>	<b>0.017%</b>
<b>Fulvic Acid:</b>	<b>1.44%</b>	<b>Manganese</b>	<b>0.10%</b>
<b>Nitrogen:</b>	<b>2.8%</b>	<b>Zinc</b>	<b>0.05%</b>
<b>Phosphorous:</b>	<b>3.05%</b>	<b>Molybdenum</b>	<b>0.05%</b>
<b>Potassium:</b>	<b>4.46%</b>		
<b>Application Rate:</b>	<b>10-20lt/ha</b>	<b>Water</b>	
<b>Volume:</b>	<b>Min 500lt/ha</b>		

### Activate R

A specially formulated biostimulant that contains an ERD complex and Humic acids to improve the rooting depth, development and vigour as well as rejuvenating soil structure. A fully chelated comprehensive trace element package maintains plant health and colour. A soil penetrant ensures movement of the ingredients through the rootzone.

#### Activate R Benefits

- Increased auxin synthesis
- Higher chlorophyll, carotenoid and plastoquinone levels
- Improved light absorption
- Increased uptake and retention of all nutrients
- Growth hormones and simple sugars improve seed germination
- Trace element package containing Mg, Cu, B, Mn, Mo & Zn.

**Application Rate: 10lt/ha**

**Water Volume: 500lt/ha**



## Plant Health Supplements.

Seaweed has been used for root development, nutrient input and stress relief for decades in the amenity market, and has many other benefits:-

- Stimulates plants own defence mechanisms
- Increased chlorophyll content
- Osmotic stress relief
- Rootzone enrichment
- Cytokinins regulate shoot and root growth.

- Valuable food source for micro-organisms
- Contains vital micro-nutrients.
- Increases rootzone moisture holding capability
- Increases mycorrhizae for greater nutrient uptake.
- Auxins stimulate root growth

### Seaquest

A cold pressed, naturally sustainable source of *Ascophyllum Nodosum* from clean Atlantic waters.

Application Rate: 10-20lt/ha  
 Water Volume: 300-400lt/ha  
 Pack Sizes: 10lt & 200lt  
 Year round use.

### Seaweed Compact

A dried seaweed extract of *Ascophyllum Nodosum*. A 2kg pack is the equivalent of 12lt of a traditional seaweed product

Application Rate: 2kg/ha  
 Water Volume: 300-500lt/ha  
 Pack Sizes: 2kg  
 Year round use.

### Maxicrop

A source of *Ascophyllum Nodosum* seaweed harvested off the Norwegian coast, where mineral rich mountain waters, the Gulf stream and arctic waters come together to produce perfect conditions.

**Maxicrop No 1 Triple Seaweed**  
 (3.05-1.43-2.92+Te)  
 Concentrated seaweed extract.  
 Application Rate: 10-15lt/ha  
 Water Volume: 300-600lt/ha  
 Pack Size: 10lt

**Maxicrop No 7 Organic Concentrate**  
 (0.3-0-3.6)  
 100% organic containing 24%soluble seaweed solids.  
 Application Rate: 10lt/ha  
 Water Volume: 300-600lt/ha  
 Pack Size: 10lt

### Maxicrop also has a range of products containing macro nutrients and seaweed

Product	App Rate lt/ha	Water Vol: lt/ha	Nutrient input (kg/ha) @ 40lt/ha		
			N	P	K
No 3 Pro-K Plus 2-0-18+Te	20-100	600-1000	1.03	0	0
No 4 Fine Turf 12-0-6+Te	20-100	400-800	5.71	0	2.86
No 5 17-0-0+Te	20-100	400-800	8.57	0	0
No 6 ProGreen 2-0-0+6Fe+Te	40	300-600	0.97	0	0

Maxicrop No 2 has an application rate of 150lt/ha for moss control

No 2 Mosskiller & Conditioner 2-0-0+16.4FeSO <sup>4</sup>	150	500	3.63	0	0
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For further information contact your local RT representative or visit the Rigby Taylor website at [www.rigbytaylor.com](http://www.rigbytaylor.com)