

## Application Rates

### Fulvic Acid

| VEGETABLES                             | Foliar application: 400-1000 grams/ acre   |                             |                               |                  |  |
|--|--|-----------------------------|-------------------------------|------------------|--|
|  | Root/drip irrigation: 800-2000 grams/ acre |                             |                               |                  |  |
|  | First                                      | Second                      | Third                         | Optional         |  |
| melon, eggplants, pepper, squash, etc. | six leaf stage                             | early bloom                 | first fruit set               | four weeks later |  |
| bean, peas                             | six leaf stage                             | first bloom                 | first pods                    |                  |  |
| broccoli, cabbage, cauliflower         | six true leaf stage                        | three weeks later           | head initiation               |                  |  |
| cucumbers, cucurbits                   | six-leaf stage                             | just prior to bloom         | whilst picking                |                  |  |
| maize, sweet corn                      | six-leaf stage                             | 55-75cm/20-30 inch growth   | just prior to tasseling       |                  |  |
| leek, onions, carrot, turnips          | 2-3 weeks after emergence                  | root enlargement            | every two weeks until harvest |                  |  |
| potatoes                               | six leaf stage                             | when tuber approx. pea size | early bloom                   | bulking up       |  |
| tomato (fresh fruit market)            | six leaf stage                             | early bloom                 | whilst picking                | after 2 weeks    |  |

  

| FRUITS                     | Foliar application: 400-1000 grams/ acre   |                    |                       |                            |               |
|----------------------------|--|--------------------|-----------------------|----------------------------|---------------|
|                            | Root/drip irrigation: 800-2000 grams/ acre |                    |                       |                            |               |
|                            | First                                      | Second             | Third                 | Fourth                     | Optional      |
| grapes                     | 20-30cm cane                               | 45-60cm cane       | full blooming date    | berry set/early shattering | 3 weeks later |
| apples/pears               | green tip                                  | pre-bloom pink bud | full blooming date    | early fruit formation      | every 3weeks  |
| citrus                     | green tip                                  | petal fall         | with summer spray     | with fall spray            | every 3weeks  |
| bananas                    | plant emergence                            | adequate leaf size | fruit half size       | 3 weeks later              | every 3weeks  |
| strawberry & other berries | just a er transplant                       | prior to bloom     | whilst picking        | 3 weeks later              | every 3weeks  |
| stone fruit                | bud burst                                  | petal fall         | 4 weeks later         | 3 weeks later              | every 3weeks  |
| plums, cherries            | pink white bud                             | full bloom         | early fruit formation | 3 weeks later              | every 3weeks  |

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| Economic Crop | Foliar application: 400-1000 grams/ acre<br>Root/drip irrigation: 800-2000 grams/ acre |                               |               |               |
|---------------|--|-------------------------------|---------------|---------------|
|               | First  | Second                        | Third         | Optional      |
| cotton        | seedling stage   | the stage of flower emergence | fully bloom   | every 4 weeks |
| oilseed crops | before reproductive growth stage   | at height of flowering        | every 4 weeks |               |
| tobacco       | early post emergence   | early post emergence          | early bloom   | every 4 weeks |
| hops          | early post emergence   | five weeks later              | every 4 weeks |               |
| lucerne       | after each cut   |                               |               |               |

| PLANT                       | Foliar application:  |
|-----------------------------|--|
| Turf: 800-1200 grams/acre   | 1. Recommended to apply "little and often", once or twice a month throughout the year                                      |
| Golf Courses                | 2. Regular applications to greens and tees are especially beneficial   |
| Greens:800-1200 grams/acre) | 3. Applied as bio-stimulant to increase the number and activity of micro-organism. This will improve grass growth and help |
|                             | reduce soil borne disease symptoms in the turf   |
| Fairways:400-600 grams/acre | 4. Tiller will also be increased but without excessive top growth  |

| GRAINS                  | Foliar application: 400-1000 grams/ acre<br>Root/drip irrigation: 800-2000 grams/ acre |                                |  |
|-------------------------|--|--------------------------------|--|
|                         | First  | Second                         | Optional                                     |
|                         | winter wheat and oats  | first node                     | flag leaf                                    |
| winter (malting) barley | early post emergence   | after any environmental stress |  |
| spring wheat and oats   | 1-3 tillers  | first node                     | flag leaf and after any environmental stress |
| spring (malting) barley | 1-3 tillers  | first node                     | flag leaf and after any environmental stress |
| corn                    | at 2-6 leaf stage  | at 50-75 cm. growth            | just prior to tasseling                      |