

## PRO- PLEX

**PRO- PLEX is a NEW multi-nutrient product (MNP) carefully designed to stimulate plants into achieving optimum levels of production. To be used by farmers who are striving to reach high levels of production, economically with tomorrow's technology**

### General Information:

**PRO- PLEX** can be used on the following crops:

#### Fruit trees, soft fruit:

Mango, avocado, citrus, apples and pears, stone fruit (peaches etc), bananas, berries (strawberries etc), kiwi (actanidia), melons (watermelons, cantaloupe, etc) .

#### Vegetables:

Asparagus, aubergine (egg plant), baby corn, beans (French, navy, lima, etc.), broccoli, Brussels sprouts, cabbage and other brassicas, carrots, celery, cucumber and other cucurbits, garlic, lettuce, okra, onions, peas, peppers, potatoes, sweet corn, tomatoes.

#### Field Crops:

Alfalfa, barley, beans, cotton, maize, oats, oil seed rape, peas, peanuts, rice, soybeans, sugar beets, sun flowers and wheat. **Please refer to your distributor for information on other crops.**

#### Application Rates:

The following are only suggested rates for application to the crops described below. In practise growers will become familiar with this product and may want to change the rates to suit there own husbandry techniques.

Always spray to run-off in sufficient water to ensure good coverage. 200-400 litres water per hectare for most crops and 2000 - 4000 litres of water per hectare for top fruit. Spray nozzle tips vary and as water is only the vehicle selected to enable an even coverage, local practise will vary considerably.

Always ensure that your spray nozzle tips are clean and tested for accuracy regularly.

#### Fruit trees/Soft fruit:

**2-2.5 litres per hectare per application and some 4-5 applications can be made .**

FRUIT	1st Appln.	2nd Appln.	3rd Appln.	4th Appln.
Apples & pears	pink bud	full bloom	early fruiting	21 days later
Citrus, avocado	3/4 days pre-bloom	petal fall	after 14 days	6 weeks before harvest
Grapes, kiwi	10-25 cm of new growth	early bloom	berry set	14-21 days later
Stone fruit	pink bud	full bloom	early fruiting	21 days later
Strawberries	at transplant* or early spring growth	at first sign of bloom	7-10 days later	every 21 days to mid harvest

\* Transplant dip: mix 8-10mls with 10 litres water and dip roots

#### Bananas, Oil palm, rubber:

**2.5-3litres per hectare**

1st year	transplant dip, 8ml per 10 litre water	1 month after planting. 2.5-3L/ha	2 month after planting 2.5-3L/ha	3 & 4 months after planting 2.5-3L/ha
2nd and subsequent years	mid-late February 2.5L/ha	early-mid April 2.5L/ha	early October 2.5L/ha	

## **Vegetables :**

<b>2-2.5 litres per hectare</b>	1st Appln.	2nd Appln.	3rd Appln.	4th Appln.
General rule	2-2.5L/ha when there is enough foliage for spraying	2-2.5L/ha at first signs of flowering	2-2.5L/ha 14-21 days later	2-2.5L/ha 14-21 days later
Peas, beans,	at 4-5 leaf stage	at 1st signs of flowering	at early pod initiation	
Baby corn, sweet corn	at 4-6 leaf stage	just prior to tasselling		
Cucumbers, squash, melons, egg plant, peppers	transplant dip of 8-10mls per 10 litre water	at 4-5 true leaf stage	just prior to 1st bloom	10-14 days later, and at 14 day intervals
Potatoes, sweet potatoes	a solution of 10mls per 10L as tuber dip at planting	at 3-5 leaf stage	at tubers 15-20mm in diameter	at early bloom
Tomatoes	at 15-20 cm growth	just prior to 1st bloom	repeat at 14 day intervals	
<b>Flowers, Ornamentals and grass @ 2 L per hectare</b>				
Carnations, Chrysanthemums	transplant root dip of 10mls per 10L water	10 days after transplanting	repeat 10-14 days later	repeat if necessary up to blooming
Roses	transplant root dip of 10mls per 10L water	10-14 days after transplanting	repeat 10-14 days later	repeat as soon as possible after 1st cutting
Ornamentals	transplant root dip of 10mls per 10L water	10-14 days after transplanting	repeat at 2-3 week intervals	
Turf grass	apply at 1st signs of growth in spring	repeat at 21-28 day intervals	apply in autumn to improve frost hardiness.	

## **Field Crops:**

### **1.5-2.5 litres per hectare**

Alfalfa	2L per hectare at 4-5 leaf stage	2L per hectare after 1st cut	2L per hectare after each cut
Cereals	1.5-2L per hectare at Growth Stage 21 in autumn	1-2L per hectare at Growth Stage 30	optional: 1-2L/ha at Growth Stage 51-71
Cotton	2.5L per hectare at early squaring	2.5L per hectare at first signs of flowering	2.5L per hectare 14 days later
Maize	2.5L per hectare at 4-5th leaf stage	2-2.5L per ha just prior to tasselling	
Oilseed rape	2L per ha at 5 leaf stage (Growth Stage 1.5)	2.5L per hectare at green bud stage (Growth Stage 3.1)	
Peanuts	2L per hectare at 4-6 leaf stage	2L per hectare at pegging	
Rice	2L per hectare at 4-6 leaf stage	2L per hectare at flag leaf emergence	

Soybeans	2-2.5L per hectare at 4-5 leaf stage	2-2.5L per hectare at first sign of flowering	
Sugar beets	2-2.5L per hectare at 4-6 true leaf stage	2-2.5L per hectare 14-21 days later	

**Field Transplants or addition to starter fertilizer:**

Field transplants should be dipped in a solution containing PRO•PLEX plus a high phosphate fertilizer such as PRO•SOL 10-52-10 (see label instructions). Use PRO•PLEX at a rate of 1 litre per 100 litres water.

For addition to starter fertilizers use at an inclusion rate of 1 litre per 100 litres.

**Tank Mixing Compatibility:**

PRO•PLEX should be compatible with all organic pesticides, although if an uncertainty exists carry out a jar compatibility test. Always add PRO•PLEX to half filled spray tank, keep agitated and add other spray tank ingredients. If a pH problem exists with acidic mixes then the use of a recognised buffering agent is recommended.