

**CROP STAGE AND SUITABILITY**

PLANTING	VEGETABLE GROWTH	FLOWERING	SETTING	FILLING
Establish	Grow	Flower Pro	Calcium Buddy	Fruit Filler
Multi Trace	Nitro Trace	Full Bor	Harden Up	Grow
Silica	Multi Trace	Multi Trace		Multi Trace
	Silica	Silica	Silica	Calcium Buddy Harden Up
				Silica
				K

**NUTRAFEED LIQUID FERTILISER PRODUCT RANGE ANALYSES (%w/v)**

Product	N%	P%	K%	Ca%	Mg%	Fe%	Mn%	B%	Zn	Cu	Mo	Si	S
NutraFeed Liquid Full Bor	5.3	-	-	-	-	-	-	10	0.11	-	-	-	-
NutraFeed Liquid Calcium Buddy	10.4	-	-	16.8	3.3	-	-	0.1	0.13	-	-	-	-
NutraFeed Liquid Establish	11.5	10.5	4	-	-	-	-	0.13	0.35	-	-	-	-
NutraFeed Liquid Flower Pro	7.5	15	10	-	-	-	-	0.11	0.14	0.1	-	-	-
NutraFeed Liquid Fruit Filler	10.2	4.3	19.4	-	-	0.096	0.06	0.0125	0.0835	-	0.03	-	-
NutraFeed Liquid Grow	16	5	13	-	-	0.16	0.1	-	0.11	-	0.05	-	-
NutraFeed Liquid Harden Up	2	-	-	16	-	-	-	0.2	-	-	-	-	-
NutraFeed Liquid K	-	-	30	-	-	-	-	-	-	-	-	-	-
NutraFeed Liquid Multi Trace	3.3	-	-	-	2	1.7	1.11	0.63	1.38	0.65	0.03	-	5.4
NutraFeed Liquid Nitro Trace	32	-	-	-	0.38	0.19	0.06	-	0.11	-	0.05	-	0.6
NutraFeed Liquid Silica	-	-	8.3	-	-	-	-	-	-	-	-	20	-

**NUTRAFEED LIQUID FERTILISER PRODUCT RANGE COMPATIBILITY**

INTERNAL PRODUCT  
 C = COMPATIBLE  
 NC = NOT COMPATIBLE  
 CA = COMPATIBLE WITH AGITATION  
 This compatibility chart should be used as a guide only. Each farmer's climatic conditions, application processes and practices may differ. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total crop spray.

	Calcium Buddy	Establish	Flower Pro	Fruit Filler	Full Bor	Grow	Harden Up	K	Multi Trace	Nitro Trace	Silica
Calcium Buddy		NC	NC	NC	NC	NC	C	NC	C	C	NC
Establish	NC		C	C	C	C	NC	C	C	C	C
Flower Pro	NC	C		C	C	C	NC	C	NC	C	C
Fruit Filler	NC	C	C		C	C	NC	C	NC	C	C
Full Bor	NC	C	C	C		C	NC	C	NC	C	C
Grow	NC	C	C	C	C		NC	C	NC	C	C
Harden Up	C	NC	NC	NC	NC	NC		NC	C	C	NC
K	NC	C	C	C	C	C	NC		NC	C	C
Multi Trace	C	C	NC	NC	NC	NC	C	NC		C	NC
Nitro Trace	C	C	C	C	C	C	C	C	C		C
Silica	NC	C	C	C	C	C	NC	C	NC	C	

# LIQUID FERTILISER Product Range Guide



For more information contact Amgrow Specialty Ag  
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### Establish

Establish is a liquid starter fertiliser for use in a wide range of crops to accelerate root and shoot development in young plants.

Establish improves crop uniformity at establishment due to its spectrum of key nutrients that are essential for promoting root growth such as phosphorus, nitrogen, zinc and boron.

Nutrient deficiency zones in soil across your paddock can be evened out when using Establish early. The inclusion of Vitamin B1 and auxins to initiate and elongate root systems is a key ingredient that provides a unique benefit to establishment of young crops.

Establish also contains the dominant plant sugar (fructose) and the organic acid (citric) naturally found in the gummy exudates of plant root systems. These substances encourage soil rhizosphere fungal and bacterial colonisation, which increases nutrient availability to plant roots as well as providing stress and disease resistance.

### Nitro Trace

Nitro Trace is a high nitrogen liquid fertiliser for use in a wide range of crops to accelerate vegetative growth. Nitro Trace also has a unique formulation of key essential trace elements that support efficient nitrogen utilisation and chlorophyll production in plants to enhance the nitrogen response.

As a one shot growth boost to promote crop vigour in plants, Nitro Trace is an ideal product option. Ideal for crop recovery from waterlogged situations by encouraging leaves to remain active and photosynthesising until the soil dries out and root activity resumes.

Key trace elements include molybdenum for nitrogen utilisation, zinc for stem and leaf elongation, magnesium, iron and manganese for chlorophyll production and increased photosynthesis.

### Grow

Grow is a balanced NPK liquid fertiliser for use in a wide range of crops to boost general crop vigour at any crop development stage.

Due to the 1 : 0.3 : 0.8 NPK ratio, Grow can be applied as a multi-nutrient boost pre-flowering or during the reproductive stage without disrupting the physiological development stage.

Grow also has a unique formulation of key essential trace elements that support efficient nitrogen utilisation and chlorophyll production in plants to enhance the crop response.

Key trace elements include molybdenum for nitrogen utilisation, zinc for stem and leaf elongation, iron and manganese for chlorophyll production and increased photosynthesis. Grow improves overall crop fertility levels and increases general crop vigour.

### Flower Pro

Flower Pro is a high PK liquid fertiliser for use in a wide range of crops to promote flowering and flower uniformity.

Due to the 0.5 : 1 : 0.7 NPK ratio, Flower pro can be applied pre-flowering to enhance the reproductive physiological development stage.

Flower Pro also has a unique formulation of key essential trace elements that support flower fertility, pollen viability and fruit/nut/boll set. The use of Flower Pro in the lead up to early season flowering will reduce late flowering problems.

Key trace elements include zinc for flower fertility, seed, fruit and tuber sizing, copper for floral bud initiation and boron for pollen viability and reduced bud/flower/fruit/nut drop.

### Full Bor

Full Bor is a high analysis boron liquid fertiliser for use in a wide range of crops to improve flower fertility and fruit/nut/pod-set during the reproductive physiological development stage. Full Bor is ideal for use on crops prior to and during flowering to improve flower and pollen fertility and improve fruit/nut/pod-set and minimise abortions.

Produce quality issues relating to boron deficiency such as hollow heart and stems, empty pods, fruit pitting, root splitting and boll shedding can be minimised with the strategic use of Full Bor.

Nitrogen component in Full Bor is the amine form so doesn't disrupt flower development. Another key trace element included is zinc for increased flower and seed fertility.

### Multi Trace

Multi Trace is a multi-trace element liquid fertiliser for use in a wide range of crops to deliver all essential trace elements in a one shot approach at any growth stage.

Multi Trace delivers all key essential trace elements that support root development, reproduction, photosynthesis, and leaf/stem/fruit/nut/tuber expansion. Reproductive as well as vegetative physiological development stages are supported with the use of Multi Trace.

### Calcium Buddy

Calcium Buddy is a calcium/magnesium liquid fertiliser for use in a wide range of horticultural crops to improve produce quality. Calcium Buddy can be applied during the reproductive physiological development stages of crops (fruit/nut/pod-set and early filling stages) to maximise produce size and to physically harden soft tissue to reduce bruising and increase shelf life.

Calcium Buddy also has key essential trace elements such as zinc for fruit/nut/tuber expansion and boron for issues such as hollow heart and stems, empty pods, fruit pitting, root splitting and boll shedding.

Calcium Buddy is ideal for reducing produce quality issues relating to calcium deficiency such as blossom end rot, bitter pit, tip burn, die-back, soft fruit and more.

### Harden Up

Harden Up is a calcium liquid fertiliser for use in a wide range of horticultural crops to physically harden soft fruit tissue.

Harden Up can be applied during the reproductive physiological development stages of crops (fruit/nut/pod-set and early filling stages) to physically harden soft tissue to reduce bruising and increase shelf life.

Harden Up also has the key essential trace element boron for issues such as hollow heart and stems, empty pods, fruit pitting, root splitting and boll shedding. Harden Up is ideal for reducing produce quality issues relating to calcium deficiency such as blossom end rot, bitter pit, tip burn, die-back, soft fruit and more.

### Silica

Silica is a liquid silica fertiliser for use in a wide range of crops to reduce plant evaporation, increase shelf life of harvested produce, strengthen plants, reduce disease severity and resist insect attack. Silica can be applied during any crop physiological development stage to strengthen crops. Use Silica for issues such as wilting plants, crop lodging, short shelf life after harvest, splitting fruit and more. After Silica is applied to soil it is converted to various forms of silicic acid and taken up via the roots into the xylem and distributed to shoots, leaves and reproductive parts. Foliar application has proven to be less effective in getting silica into plants to provide the full benefits listed, so we recommend soil application only. After uptake, silica gel is deposited between the cuticle and cell wall and also between the cell membrane and cell wall (double silica gel layers). These layers act as a physical barrier to reduce evaporation and increase cell strength, helping to alleviate water stress (drought) symptoms. Inside plants, silica also mimicks bioactive plant molecules that trigger plant defence mechanisms, helping to protect plants and enable them to better resist disease. The higher plant strength reduces insect damage severity to crops.

### K

K is a high potassium liquid fertiliser for use in a wide range of crops to improve filling of fruit, nuts, pods, tubers and bolls. Potassium in K is present in dual forms, citrate and carbonate to cater for soil or foliar application situations. K can be applied post-flowering till harvest to enhance the filling of reproductive organs. K can be mixed with nitrogen fertilisers to achieve the desired potassium/nitrogen ratio solution. K is ideal for fixing crop symptoms relating to potassium deficiency such as yellowing or scorching of older leaf edges, small uneven fruit size, boll shedding and plants with little tolerance to drought and pests.

### Fruit Filler

Fruit Filler is a high PK liquid fertiliser for use in a wide range of crops to improve filling of fruit, nuts, pods, tubers and bolls.

Due to the 10.2 : 4.3 : 19.4 NPK ratio, Fruit Filler can be applied post-flowering till harvest to enhance the filling of reproductive organs. Fruit Filler also has a unique formulation of key essential trace elements such as zinc for reproductive organ expansion and shape improvement and boron for quality issues such as hollow heart and stems, empty pods, fruit pitting, root splitting and boll shedding.

Fruit Filler is ideal for fixing crop symptoms relating to potassium deficiency such as yellowing or scorching of older leaf edges, small uneven fruit size, boll shedding and plants with little tolerance to drought and pests.

