

express® IRON

Premium iron amino acid chelate



pH 4.75

SG 1.24

| Product | N | P | K | S | Ca | Mg | Fe | Si | C | Zn | Mn | Cu | Mo | B | Co | HUMIC ACID | FULVIC ACID | AMINO ACID |
|---------------|-----|---|---|-----|----|----|----|----|---|-----|-----|-----|-----|-----|-----|------------|-------------|------------|
| | % | % | % | % | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % |
| express® IRON | 2.6 | | | 2.9 | | | 5 | | | | | | | | | | | 16.3 |

Typical uses and benefits include:

- **Helps correct and prevent iron deficiency.**
- **Suitable for foliar, in-furrow and fertigated applications.**
- **Small molecule, readily absorbed by leaf**

Express® IRON is used in a wide range of crops to correct and prevent iron deficiency. For horticultural, broadacre and viticulture production where boron deficiency may occur, Express® IRON can be applied via foliar, in furrow or fertigation.

Iron is necessary for the production of chlorophyll within the plant, as it assists with the movement of oxygen to the leaves for chlorophyll synthesis, making it a vital part of photosynthesis and respiration. It also assists with the formation of proteins. It is a constant requirement for young leaves as it is relatively immobile in the plant.

The most effective way to apply Express® IRON is via foliar application; however, it is suitable for in-furrow and fertigated applications as well as chelates, which minimise reactions in the soil solution, resulting in available nutrients for a longer period.

fertiliser for life

AVAILABLE IN 20L, 200L, IBC & BULK

For alternative applications or to arrange a soil/plant test please contact your Ecogrowth® nutritional expert.



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APPLICATION RATES



| Crop | Rate | Water L/ha | Notes |
|-------------------------|---|------------|--|
| CEREAL | 1-2L/ha | 50-80 | At Mid-late tillering. |
| CITRUS | 1-5L/ha Foliar 2-5L/ha Fertigated | 1,000 | At Spring flush, repeat applications may be necessary for severe deficiencies (separate intervals by 2-4 weeks). |
| TREE CROPS | 1-3L/ha Foliar 2-5L/ha Fertigated | 1,000 | Apply when deficiency occurs (separate intervals by 2-4 weeks). |
| GRAPEVINES WINE & TABLE | 2-3L/ha | 300-800 | Apply when deficiency occurs (separate intervals by 1-2 weeks). |
| VEGETABLES | 1-4L/ha | 300-800 | Apply at pre-flowering, repeat if necessary. |
| PASTURE | 1-2L/ha | 50-80 | When there is sufficient foliage, repeat if necessary. |
| LUCERNE | 2L/ha | 50-80 | 10-14 days before flowering, earlier if there is a known deficiency. |
| TURF | 2L/ha 20ml/100m ² | 300-800 | As required (separate intervals by minimum of 1 week). |

Iron deficiency:

Iron deficiency mainly occurs in poorly drained soils, over-limed soils and high pH soils. Iron availability can also be reduced by high levels of zinc, manganese and copper or low levels of potassium. Particularly sensitive crops include vegetables, cereals, tree crops, and vines.

Iron deficiency symptoms include:

- Interveinal chlorosis of young leaves.
- Veins remain green.
- Stunted growth, potentially taller slender trees.
- Severe deficiency can cause die back.