

Pro-Cal

CALCIUM FOLIAR NUTRIENT FOR GROWTH, QUALITY AND YIELD

Pro-Cal is a new form of foliar nutrient combining stabilised Nitrogen with plant available Calcium together with essential micronutrients.

When to use

Pro-Cal can be used to benefit a wide range of horticultural and vegetable crops. Timed applications at important growth stages will promote initially a strong root system before helping maintain healthy development of the crop through to harvest. An application at later crop stages can also be timed to improve important quality parameters by increasing Calcium status in the crop just prior to harvest.



How it works

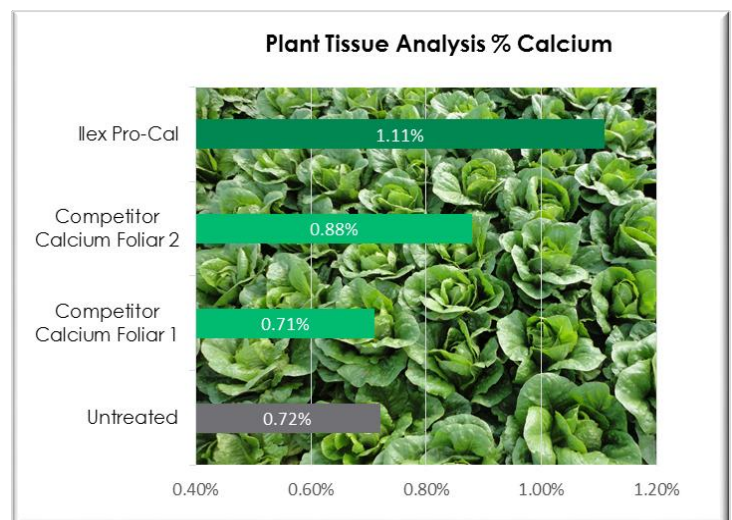
Calcium plays an essential role in plant cell formation and root development with deficiencies at key periods potentially leading to disorders such as Tip Burn in lettuce or Internal Rust Spot in potatoes. **Pro-Cal** incorporates amide Nitrogen combined with Calcium to provide a regulated supply of these crucial elements throughout the season. Careful balancing of the formulation with key trace elements such as Boron, Iron and Molybdenum, ensures **Pro-Cal** provides optimum nutrition at all times.



Key benefits

- Enhanced nutrient delivery system maximises calcium uptake
- Promotes root growth and plant health
- Improves appearance, colour and marketability
- Increases storage quality characteristics
- Easy to use liquid with good tank mix compatibility

Independent trials on Cos Lettuce measured calcium levels in leaf tissue samples. Plants treated with **Pro-Cal** showed a 54% increase in Calcium content over the untreated samples as well as higher levels over two competitor products.



TYPICAL ANALYSIS:

Total Nitrogen (N)	15.0% w/v	(150 g/l)
Ureic N	11.0% w/v	(110 g/l)
Nitrate N	4.0 % w/v	(40 g/l)
Calcium (CaO)	7.0 % w/v	(70 g/l)
Boron (B)	0.19% w/v	(1.9 g/l)
Iron (Fe)	0.12% w/v	(1.2 g/l)
Molybdenum (Mo)	0.14% w/v	(1.4 g/l)



Application rates & timings:

BRASSICAS :	Apply @ 5.0-10.0 l/ha from 4-6 true leaves. Repeat at 14-21 day intervals up to harvest.
CARROTS :	Apply @ 5.0-10.0 l/ha from 4-6 true leaves. Repeat at 14-21 day intervals up to strawing.
ALLIUMS :	Apply @ 5.0-8.0 l/ha from 4-6 true leaves. Repeat at 14-21 day intervals.
LETTUCE/ LEAFY SALADS :	Apply @ 3.0-6.0 l/ha from 4-6 true leaves. Repeat at 10-14 day intervals up to harvest.
POTATOES :	Apply @ 5.0 l/ha from start of tuber bulking. Repeat @ 5.0 l/ha during tuber bulking.
CEREALS :	Apply @ 5.0-10.0 l/ha at growth Stages (Zadoks) 23-30, 39-45 and 50-59. N.B. To enhance grain protein potential in milling wheat a further application of 30-50 l/ha is recommended at GS 69-75 (end of flowering to medium milk stage).
OILSEED RAPE :	Apply @ 5.0-10.0 l/ha at or just prior to rapid growth.

Pro-Cal is best applied as a foliar spray at water rates of between 200-600 l/ha depending on the crop type, stage of growth and amount of leaf area.

To avoid possible scorch do not apply in strong sunlight.

Pack Sizes: 20L Drums or 1000L IBC

This product is physically compatible with a wide range of tank-mix partners. Check compatibility prior to adding to the spray tank. Consult your local advisor or Ilex EnviroSciences for specific recommendations. Do not apply in strong sunlight. Efficacy may be affected by crop health, growth stage and weather conditions. Ilex EnviroSciences accepts no liability for damage to treated crops.