



Proplex is a combination of multiple raw materials adding up to so much more than the sum of its parts because of its unique formulation, the perfect example of Micromix technology.

Proplex is a unique material, originally developed to de- stress crops it has over many years proved to be an unusually reliable biostimulant product. At first developed for use on high- value fruit and salad crops, both protected and outdoor, in hotter climates. It became an effective tool to encourage earliness, yield and quality when used during the fruiting/flowering stage of growth.

In more recent years it was introduced to broadacre cropping in more temperate climates where it proved successful in helping overcome abiotic (environmental) stress, improving overwintering, and accentuating herbicide activity as well as helping to slow disease ingress and progression. It has been used from young plant stage right up until the later green- stages of many crops, with measurable responses at all timings. **'Rate for Rate'** it outperforms any other biostimulant.

Type:

Biostimulant

Features

- Low temperature activity, autumn treatments can dramatically reduce winter-kill.
- It has a lower application rate compared to many comparable and less sophisticated products
- It has excellent compatibility in tank- mix.
- It will benefit other tank- mix partners improving performance; fungicides etc. through plant strengthening.
- It helps high- potential crops to reach new heights of yield and quality.
- It helps stressed or damaged crops recover.
- It provides many intermediates for growth that can be readily incorporated into plant metabolic pathways, speeding them up.
- It has been used in combination with herbicides to improve herbicide activity without risk of adverse crop effect.
- It may be used in tank- mix with low- rates of Multi- N (3 to 5 L/ha) to provide a rapid boost to backward or badly stressed crops.
- Rapid acting: Immediately see the benefits in a matter of days
- Elicitation effect: causing increases in growth hormone production
- Low application rates when used as part of a programme

Product Specs:

Appearance:

Dark brown liquid

Typical analysis:

Nitrogen (N): 40.1 g/L

Potassium (K₂O): 13.0 g/L

Magnesium (MgO): 8.9 g/L

Sulphur (SO₃): 170.5 g/L

Boron (B): 1.8 g/L

Copper (Cu): 0.6 g/L

Manganese (Mn): 1.2 g/L

Zinc (Zn): 5.9 g/L

Ascophyllum nodosum : 118.0 g/L

Amino acids: 36.3 g/L

Betaines: 16.0 g/L

Crop Types & Application rates:

Proplex will stimulate rapid growth and early development of both gramineous and broad leaved plants. It will help plants recover from stress, prevent severe damage due to frost or heat, aid plants under moisture stress, and stimulate defence mechanisms in treated plants.

Winter sowings (Cereals and Oil Seed Rape) 1L/ha at 2-3 leaf -Repeat at GS30, then 1 to 2L/ha at GS 51+

Spring sowing (Cereals/OSR/Peas/Beans/Brassica) 1L/ha at 3-5 leaf stage - then 1.5L/ha at GS31/first flower

Top fruit/Grapes/Nuts/Roses/Shrubs 250ml/100L every 14 days from leaves unfurled

Tomatoes/Cucumbers/Soft fruit/Flowers 200ml/100L from 5 leaf and every 14 days

Sugar Beet/Potatoes/Carrots 2L/ha at 5 leaves/tuber initiation, repeat every 14-21 days

Maize 2.5L/ha at 4/5 leaf stage, repeat just prior to tasselling

Mixing & Spraying:

It has excellent compatibility in tank-mix

It will benefit other tank-mix partners improving performance; fungicides etc. through plant strengthening.

Compatibility:

Proplex is compatible with all pesticides, but avoid dinitroanilines, dormant oil, Bordeaux, lime sulphur or other highly alkaline materials.

For more information please speak to your distributor, qualified agronomist, or the team at Micromix Plant Health info@micromix.com