

Root-Sponsor

Root-Sponsor uniquely combines Potassium Phosphite and Ammonium Acetate with *Laevo* isomeric forms of several key amino acids other plant extract carbohydrates and sugars with a unique active-uptake system based on short-chain Humic acids.

This novel formulation delivers phosphides to support healthy growth with ammoniacal nitrogen as acetate which is well documented as effectively promoting an increase in early root development from actively growing young plants.

The FREE (not bound in peptide bonds) Amino acid contents come from plant extracts and are predominantly in the left handed or *Laevo* isomeric form which can be readily assimilated into peptide chains and proteins to help with the overall effect of increased auxin synthesis, uptake and transport of nutrients and photosynthetic activity, which stimulates growth of roots and plants.

Root-Sponsor is formulated to contain the nutrients that satisfy EU fertiliser classification for markets that require this.

- **Nitrogen** (as NH₄) 4.0% w/w (48g/L)
- **Phosphide** (as P₂O₅) 14.0% w/w (168g/L)
- **Potash** (as K₂O) 12.0% w/w (144g/L)
- **Amino Acids** Min: 2.0% w/w (24g/L)
- **Includes many plant sourced beneficial amino acids and sugars**
- A blend of chelated trace elements is included (0.5% in total)
- *Formulated with alkyl polyglycoside surfactant for increased biostimulant activity*

Recommended for use on all forms of crops **Root-Sponsor** will generate improved plant health with yield and quality increases for growers under a wide variety of soil and climate conditions.

FEATURES

Root-Sponsor has been well recognised in recent years that the maximum potential of field crops is determined during the vital survival and development period during the first thirty days from germination. Sponsor functions during this early growth period to establish even and well rooted crops, more resistant to soil-borne diseases like *Pythium* and *Phytophthora*.

- Delivers enhanced root and seedling development from the ammonium acetate content.
- Improved resistance to disease attack from Oomycete family of fungi.
- Root mass and length are both increased from early vegetative stage applications.
- The acetate complex improves the efficiency of the increased root mass in foraging for soil nutrition.

- The natural amino acids will further improve rooting and enhance protein building within the flowering or fruiting plant
- The natural plant sugars support fruiting development.
- The APG surfactant provides enhanced uptake at the leaf surface leading to rapid movement of nutrients within the plant.
- High degree of compatibility with pesticides

RECOMMENDED USAGE

Cereals and other field crops:

- Spring sown crops: 1.0L/ha 3 leaf stage to flowering
- Autumn sown crops 0.8L/ha 3-5 leaf stage
- Spring treatment of Autumn sowings 1.2L/ha before end of veg growth.
- Spring follow-up to Autumn application 0.8L/ha at first flower or stem extension
- Maize: 1.5 to 2L/ha 5-8 leaf stage
- Newly sown grass 0.8L/ha GS13 to Tillering

Root crops:

- Potatoes: 2.0L/ha 20cm haulm growth (Then repeat 1L/ha with every other blight spray)
- Sugar/Fodder Beet: 1.5 to 2L/ha 3-5 leaf stage
- Carrots/Swedese/Turnips: 1.5L/ha 3-5 leaf stage
- Leaf brassica/onions/leeks 1.0L/ha 5 leaf stage or one week after TP

Fruit Crops

- Soft Fruit 1.0L/ha at commencement of spring growth 1.5L/ha at first flower then every 14 days
- Top Fruit 2.0L/ha at bud break and then at petal fall

Trials in a wide variety of crops have confirmed **Root-Sponsor** to be an effective and reliable growth promoter in agriculture, horticulture and amenity use. With excellent tank-mix compatibility, Sponsor may be applied in combination with almost all sprayable pesticides and other foliar nutrients.