



CHELATED PHOSPHORUS ACTIVE SEED DRESSING OR SEEDLING DIP

INFORMATION SHEET FOR PHOS-START

PHOS-START A formulated liquid for stimulation of seeds or seedlings in phosphorus deficient soils, PHOS-START also contains chelated minerals to increase germination and vigor in young plants.

ACTIVE INGREDIENTS: PHOS-START contains proteins, **hydro-carbons, chelated phosphorus** that stimulates aerobic fungi and phos bacteria, it protects against pathogenic micro-organisms that sterilize nutrient pathways. **Phos-start is not a total fertilizer for a crop.**

APPLICATION RATES: PHOS-START should be applied directly to seed before sowing for maximum benefit. Do not apply Phos-start and store as this product is not a fumigant. PHOS-START when dry on the seed can be stored in a dry environment for a period of 2-3 weeks but moisture and humidity could activate germination.

5 litres of PHOS-START concentrate to 1 ton of seed in most cereal grains, for legumes apply with humic acid or sterilized peat for increased benefit of N fix.

NOTE:PREPARATION OF PHOS-START CONCENTRATE

Agitate well, dip with ladle or measuring device to determine if product is flocculated (product should have a orange tinge in direct sunlight) coagulation could take place if stored in cold area bring sediment into flocculation before decanting. Then dispense at desired rates into water if using fine spray jets a sizing mess may be needed.

DILUTION RATES: Dilute PHOS-START with water only, apply as micro spray to seed, to form film coat during sowing preparation, do not leave seed submersed longer than 5-6 minutes or skin shrinkage as damage may occur.

PHOS-START contains natural drying agent for use in air seeders.

STORAGE: PHOS-START can be resealed and stored in a dry cool area for re-use at later date. (best used under 18 months as proteins may become anaerobic.

MIXING: PHOS-START can be mixed as a nutrient supplement in micro-organism applications for fungi &bacteria as a food source. Phos-Start can be mixed with chemical fumigants as the minerals are chelated nutrients.

