

# CKC RHIZOFLO

A unique dual formulation bio-fertilizer which promotes Nitrogen and Phosphorus for improved plant performance.

## PRODUCT SPECS

Active Agents *Pseudomonas fluorescens*  
*Azospirillum brasilense*

Agent Type Bio-fertiliser - Rhizobium Bacteria

## PRODUCT USES

Phosphorus (P) Solubilisation  
Nitrogen (N) Availability  
Stimulates vegetative and root growth  
Increases absorption capacity of water and nutrients  
Supports plant protection  
Improves stress response and plant vigour

**CKC RHIZOFLO** contains two rhizobium bacteria which facilitate the optimal solubilisation of Phosphorus and provide bioavailable Nitrogen.

## BIOLOGY

**CKC RHIZOFLO** contains a unique dual formulation of rhizobium bacteria – *Pseudomonas fluorescens* and *Azospirillum brasilense* – which promote plant performance by providing inoculated crops with Phosphorus (P) and Nitrogen (N) through their biological activity.

## MODE OF ACTION

When applied to a crop *P. fluorescens* contained in **CKC RHIZOFLO** facilitates the optimal solubilisation of phosphorus (P), stimulates plant growth and helps protect the plant root zone against some pathogenic fungi.

**CKC RHIZOFLO** also contains *A. brasilense*, which provides plants with bioavailable nitrogen (N), which promotes root and vegetative development. N is required for chlorophyll production and amino acid synthesis.

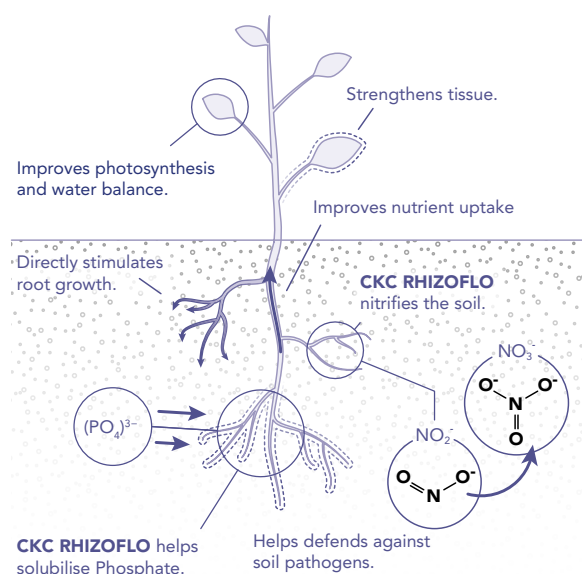


Fig1. Typical action of CKC Rhizoflo rhizobium bacteria in the crop soils.

## INTRODUCTION METHOD

**CKC RHIZOFLO** is applied as a seed dressing or drench, depending on crop. First prepare a slurry with inoculant and 150ml of clean water with 2/3 tsp of sugar to give more protection to the bacteria. Preferably use eccentric shaft rotating drums with interior fixed blades. It is recommended to place the seeds half the capacity of the drum and then apply half of the slurry smoothly rotated. Add the remaining broth and seeds; gently roll the drum for uniform application across the surface of the treated seeds. Leave to air in cool place away from sunlight and proceed with planting. Calibrate the planter with seed treated for it to flow more slowly.

## RATE SCHEDULE

		Dosage
Seed Dressing:	Maize, Sorghum	500ml/100kg seed
	Wheat	400ml/100kg seed
	Tomatoes	50-70ml/kg seed
Drench (Sowing):	Tomatoes	2% concentration.

## ADVANTAGES OF CKC RHIZOFLO

- › Improves availability of P and N.
- › Improves root growth.
- › Improves plant performance.
- › Improves plant protection by strengthening plant tissue.

## STORAGE

Storage temp.	4°C
Conditions	Dark and dry
Max storage time	18 months

Store upright in original unopened container.

## PACKAGING

As packed
Pouch volume
500ml

## IPM ADVICE

Before introducing **CKC RHIZOFLO** to your crop it is important that the plant is clean of negative chemical residues. Please consult the Dudutech SIDE EFFECT GUIDE on [dudutech.com](http://dudutech.com) for compatible chemicals.

If there are any questions about the product, please contact a Dudutech specialist in your area.

**CKC RHIZOFLO** is manufactured by CKC, Montesquieu 520 (C1437FCF) C.A.B.A.