



DK Biotec



iQBiotech



iQForte

the new biostimulant
that increases wheat yields



A novel biostimulant which optimizes green leaf area by improving chlorophyll production could benefit arable growers this season, with average yield increases of 0.6-0.7t/ha seen in wheat crops.

The product named iQForte – developed by iQBiotech – naturally boosts chlorophyll production and reduces the risk of environmental stress in crops.

“The formulation provides a precursor to maximize the efficiency of chlorophyll production within the plant under both normal and stress conditions,” says Jose Antonio de Cote, President and Head Technical .

STRESS REDUCTION

Used in both cereals and oilseeds, the biostimulant contains a high content of the amino acid L-arginine, which is associated with increased chlorophyll content and delayed aging.

It also contains a range of trace elements, which includes:

- **Magnesium** – essential for chlorophyll production
- **Iron** – together with magnesium, it is required for enzymes in respiration pathways
- **Sulphur** – stabilizes proteins, helping improve nutrient efficiency.

BENEFITS OF iQFORTE

- Increases chlorophyll biosynthe
- Enhances photosynthetic capacity
- Maximizes green leaf area
- Increases yield and quality
- Reduces environmental stresses
- Improves nutrient efficiency

BENEFITS OF iQFORTE

Derived from plant material, iQBiotech should be applied at 1.5 liter/ha, with applications targeted towards timings when plants are under physiological stress.

The product is available in a fully soluble and tank-mixable liquid formulation, which can be partnered with fungicides, plant growth regulators, additional magnesium, and other nutrients.

DETAIL OF APPLICATION MOMENTS

By:  **AGROCONSULTOR**

Trial Treatment	Dose	Phase	Performance (Kg/Ha)
T0: Control	As usual	As usual	3826
T1: iQForte	0.5Lx3 times: 1.5L Total	Phase 1, 2 y 3	4517
T2: iQForte	1.0Lx3 times: 3.0L Total	Phase 1, 2 y 3	4130
T3: iQForte	2.0Lx3 times: 6.0L Total	Phase 1, 2 y 3	4412
T4: iQForte	3.0Lx1 time: 3.0L Total	Phase 2	4353
T5: Competitor	1.0Lx1 time: 1.0L Total	Phase 2	4000

