**TECHNICAL DATA SHEET**

**WHAT IS PROSPER**

Prosper is vitamin based 100% organic and ecofriendly biostimulant used for foliar application for all crops. It increases plant metabolism,and nutrient intake. It increase yield by 20-30%.The main ingredient of prosper is Folic acid (vitaminB9) whichhas several benefit in crop development.

**BENEFIT OF FOLIC ACID**

* **Folic acid** is vitamin-B9 which is involved in synthesis of many important biomolecules, such as amino acids, nucleic acids and vitamin B5 in plant cell.
* Folic acid are involved in methylation reactions which are necessary for the synthesis of lipids, proteins, chlorophyll and lignin in plant cell
* Folic acid play important role in plant metabolism.
* Folic acid also activate the rooting hormones in plant tissue and play important role in root development.
* folic acid may reduce virus multiplication inside plant cell.

**TECHNICAL DATA PHYSICAL PROPERTIES**

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| --- | --- | --- | --- | --- | --- |
| **S** | **Ingredients** | **Quantity** |  | Appearance | Liquid |
| 1 | Folic Acid | 1.0 % | Odour | Characteristics |
| 2 | Surfactant | 30% | Water Solubility | 100% |
| 3 | Dstilled water | q.s. | pH | 9.5 ±1 |
|  | **Total** | **100%** | Specific Gravity | 1.05-1-10 |

**TARGET CROPS**  It is use in all crops like Vegetables, Fruits, Spices , Cotton, Flowers, Plantation crops, Cereals and Pulses.

**DIRECTION OF USES**

2 or 3 dosage during active growing stage of crop. It can be applied as a foliar application.

**RECOMMENDED DOSAGE -** 100 ml/Acre

**STORAGE**  It can be stored in the cool dry place away from direct sunlight in unopened original packet for 2 years. Opened packet should be used up or be resealed immediately.

**PACKING** This product is available in 250 ml , 500 ml , 1 Litre and in 200 liter capacity HDPE or according to Client's request.