



OSHOZYME®

Bio-organic Stimulant

Sea Weed Extract



Formulation: **Suspension Concentrate**

Composition: **Seed weed extract having high concentration of Nitrogen phosphorous, potash, Cytokinins, plant enzymes, protein, along with trace elements.**

General Description:

Oshozyme is a sea weed extract with high contents of nitrogen, phosphorus, potassium, magnesium and micro-nutrients. Beside this it also has good quality of Cytokinins, Auxin processors enzymes, Hydrolysed protein complexes, & Betaines.

Means of Application: Oshozyme can be applied through soaking seeds, soil dressing, root dipping, drip irrigation (fertigation) as well as foliar spray.

Key benefits

- Improved germination, stronger early root and shoot growth,
- Better root growth,
- Increased utilization of nutrients and moisture,
- Increases photosynthesis,
- Gives strength to plant for better stress management
- Enhanced productivity of perennial crops,
- Better retention of fruits and flowers,
- Improved grain fill and tuber development,
- Potential high oil content in oil crops,
- Enhanced keeping quality of produce.

Application Rates

The general recommended application rate is **500ml per hectare** (in 1000l water). **10ml/20L water.** The dilution can be made with sufficient water to ensure good coverage.

Recommended Application Rates

	1st Application	2nd Application
COMMERCIAL CROPS		
Cotton	15 – 20 DAS*	>50% Square Formation
Sugarcane	(5 – 7 leaf stage) 15 – 20 DAP*	after earthing up Flowering, Boll Development Stage
CEREALS		
Rice	Nursery (10 – 15 DAS)	Tillering
Wheat / Barley	Seedling Stage (12 – 15 DAS)	Pre-Boot Leaf Stage Panicle Initiation, Booting Stage 55 – 60 DAS (Grain filling Stage)
VEGETABLES		
Tomato, Eggplant Lady finger, Cucurbits, Pumpkins	Nursery	12 – 15 DAT (3 – 5 leaf stage) 50% flowering, fruit setting and after each picking
Cowpea, Pigeon pea, Bengal gram, French Cluster beans, Pea	Seedling Stage (15 – 20 DAS*)	Vegetative Stage Flower Initiation, 50% Flowering, Pod Development Stage
Cabbage Cauliflower, Knolkhol, Broccoli	Cabbage Nursery	2 applications at 15 – 20 days interval
Spinach Coriander, Amaranths	Seedling Stage	2 – 3 applications at 15 days interval
Carrot, Raddish	Seedling Stage	Vegetative Stage Carrot Development Stage
TUBER CROPS		
Potato, Sugar beet, Ginger, Yam	Seedling Stage (6 – 8 Leaf)	Vegetative Stage Flowering Stage

* DAS – Days after sowing * DAT – Days after transplanting * DAP – Days after planting

	1st Application	2nd Application
OILSEEDS		
Peanut	Seedling Stage	Vegetative Stage Flowering Stage
Soybean	Seedling Stage (6 – 8 Leaf)	Vegetative Stage Flowering, Fruit Development Stage
Sunflower	Seedling Stage (6 – 8 Leaf)	Vegetative Stage Flowering, Seed Development Stage
FRUITS		
Grapes	Bunch Formation	Cap Fall (15 Days after 1st Spray) Berry Development Stage (20 Days after 2nd Spray)
Mango	Flower Initiation	Peanut Stage of fruit Marble Stage of fruit
Citrus	Flower Setting	Fruit Setting Fruit Development
Apple	Bud Swell Stage	Petal Fall Stage Fruit Development Stage
Plums / Peaches	Bud Emergence	Fruit Setting Fruit Development Stage
PLANTATIONS		
Tea	Just after Pruning	Bud Breaking After Plucking
Coffee	Flowering Stage	Berry Formation Berry Development Stage
FLORICULTURE & ORNAMENTALS		
Roses Chrysanthemum, Jasmine, Anthurium, Tulip, Gladiolus, etc.	Bud Formation	Week after subsequent plucking

Phytotoxicity: Non phytotoxic. However, It is always advisable to check on a small area especially if tank-mixed with other products.

Compatibility : Compatible with most of the commonly used fertilizers and pesticides except those that are alkaline in nature. Not to be applied with growth retardant or herbicides.

