

## USER GUIDE

# YUVAANI

Organic bio-humus and peat-based biostimulant



Containing 50% bio-humus, YUVAANI is a 100% natural source of micro and macronutrients that are necessary for your plant's growth and development. YUVAANI includes high-grade peat, amino acids and biomolecules that support and enhance the early stages of plant growth. This well-balanced and easily assimilated plant food helps your crop achieve robust growth, better yield, faster flowering and fruiting.\*

**YUVAANI helps your organic produce stay fresh for longer—from farm to fork.**

\*Upon following recommended dosage.

### FEATURES & BENEFITS:

- ✓ Organic certified by NOCA
- ✓ Strengthens the roots
- ✓ Improves plant metabolism
- ✓ Enhances plant growth and quality
- ✓ Mitigates adverse effect of climate stress
- ✓ Improves plant immunity
- ✓ Improves soil water holding capacity
- ✓ Improves soil quality thus increasing soil productivity
- ✓ Ideal for floriculture—increases shelf life of cut flowers

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*Based on lab test report from Shriram Institute for Industrial Research, India. Dated: 26 Oct. 2020*

|   |      |
|---|------|
| pH (1:2)                                  | 6    |
| Conductivity (EC 1:5) mS cm <sup>-1</sup> | 0.41 |
| Organic carbon (g/100g DW)                | 31.8 |
| Humic acid (g/100g)                       | 3.8  |
| Fulvic acid (g/100g)                      | 1.4  |
| Ash (minerals) content (g/100g)           | 10.7 |

\*Diluted 1:2 from base product

This product contains more than 30 macro and micronutrients, over 18 amino acids, and vitamins which improve plant health and productivity.

### COMPATIBILITY

SOMRITH is compatible with a wide range of pesticides and fungicides. If compatibility of SOMRITH with a given product is not known, it is suggested to test the same by combining them together at the recommended rate before preparing a mix. **Suitable for all crops and compatible with all other agricultural inputs.**

### WARRANTY

No warranty of any kind, expressed or implied, is made concerning the use of this product. User assumes all risk and liabilities resulting from handling, use or application of this product.



### INSTRUCTIONS IF CONSUMED ACCIDENTALLY BY HUMANS OR ANIMALS



**Drink plenty of water and fluids and consult your doctor if any adverse symptoms appear.**

### STORAGE AND DISPOSAL

Store in cool and dry place and away from food and feed stuff. Dispose empty container in an approved sanitary landfill by burying or recycling.

## DIRECTIONS FOR USE

YUVAANI can be used for foliar application, root treatment, and seed treatment.

### I. Foliar spray, seed or root treatment for vegetables/plants

| Vegetables/Plants   | Qty to be used per acre | Time          | Application method           | Recommended ratio for dilution / preparing Working Solution in water/acre |
|---|-------------------------|---------------|------------------------------|---|
| Vegetables (beetroot, brinjal, cabbage, cucumber, flowers, garlic, gourds, onions, squash, tomato, pepper, potato etc.)<br><br>Leafy vegetables (carrot, fenugreek, lettuce, radish, spinach) | 40 ml<br>Seed treatment | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |
| Berries (strawberry, raspberry)   | 40 ml<br>Seed treatment | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |
| Grain & industrial crops (wheat, rice, maize, barley, oats, sorghum, pearl millet (bajra) etc.)   | 40 ml<br>Seed treatment | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |
| Technical & forage crops (mustard, soybean, groundnut, sunflower, jute, forages)  | 40 ml<br>Seed treatment | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |
| Legumes (chickpea, pigeonpea, peas, beans, lentils, etc.)   | 40 ml                   | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |
| Floriculture  | 40 ml                   | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |

| Vegetables/Plants | Qty to be used per acre | Time          | Application method           | Recommended ratio for dilution / preparing Working Solution in water/acre |
|-------------------|-------------------------|---------------|------------------------------|---|
| Cotton            | 40 ml                   | Before sowing | Soaking of seeds for 6 hours | 1 L water   |
|                   | 500 ml                  | 30 days       | Spray                        | 100 L water and 25 L cow urine  |
|                   | 600 ml                  | 60 days       | Spray                        | 120 L water and 30 L cow urine  |
|                   | 900 ml                  | 90 days       | Spray                        | 180 L water and 45 L cow urine  |
| Any other crop    | 40 ml                   | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|                   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|                   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|                   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |
| Turf              | 40 ml<br>Seed treatment | Before sowing | Soaking of seeds for 4 hours | 1 L water   |
|                   | 500 ml                  | 15 days       | Root drenching               | 100 L water and 25 L cow urine  |
|                   | 600 ml                  | 30 days       | Spray                        | 120 L water and 30 L cow urine  |
|                   | 900 ml                  | 60 days       | Spray                        | 180 L water and 45 L cow urine  |

### II. Replanting with shoots

| Vegetables/Plants       | Qty to be used | Time                    | Application method                                      | Recommended ratio for preparing Working Solution in water/acre |
|-------------------------|----------------|-------------------------|---|--|
| Banana and other shoots | 600 ml         | At the time of planting | Soaking of plants / root drenching / shoots for 4 hours | 6 L water  |
|                         | 800 ml         | 30 days                 | Spray / Through Drip Irrigation System                  | 160 L water and 40 L cow urine                                 |
|                         | 800 ml         | 90 days                 | Through Drip Irrigation System                          | 160 L water and 40 L cow urine                                 |
|                         | 600 ml         | 150 days                | Through Drip Irrigation System                          | 120 L water and 30 L cow urine                                 |
|                         | 600 ml         | 210 days                | Through Drip Irrigation System                          | 120 L water and 30 L cow urine                                 |

\* For best results use the indicated dosage.

**We recommend reducing your current recommended dose of fertiliser (RDF) by 50% when using it in combination with YUVAANI.**