

Bumper Harvest Application for Palm Trees

Add 150ml of bumper harvest; in a Knapsack sprayer and fill to the 15L or 16 L marking. Adjust the sprayer tip to mist mode and spray as mist on the leaves and stems. This shall eventually flow to the ground. Alternatively apply it evenly around the palm's base to the outer edge of the canopy.

Use a hand spreader/ spraying can/ Knapsack to distribute the fertilizer evenly under the entire canopy of the palm, from the trunk. **Make sure the palm is well pruned before.**

How to apply bumper Harvest:

1L = 7 sprayers =15 Trees

For 400 trees=4Hectares

$400/15 = 26L$

6L-7L per Hectare

September application: 2X

$26L \times 2 = 52L$

Apply Bumper harvest fertilizer to palm trees during their active growing season, typically **applications in March through the end of October or September.**

Bumper Harvest **application during the growing season** provides the necessary nutrients for healthy, vibrant fronds and a robust structure.

Applying fertilizer only during the active growing season prevents wasting nutrients on dormant plants and reduces the risk of nutrient runoff from heavy rain.

Bumper Harvest **contains essential micronutrients and macronutrients.**

Bumper harvest would **revive your soil** and increase soil pH

You can apply it to both newly planted palms and fully grown-up plants.

On average, a well-managed oil palm plantation with bumper Harvest can produce: 3-4 tons of crude palm oil per acre per year (7-10 tons per hectare) 0.3-0.4 tons of palm kernel oil per acre per year (0.7-1 ton per hectare)

Cost Calculation

Bumper Harvest vs. conventional inorganic fertilizer

Bumper Harvest	Inorganic fertilizer
7L/ Hectare	7-10Bags of 50kg fertilizer /Hectare
$7 \times 15000 \text{frs} = 105000 \text{frs}$	$30000 \times 7 \text{bags} = 210000 \text{frs}$
Increase in soil pH	Decrease in soil pH
Revitalize the soil	Soil is barren after excessive usage