

MKMFertilizers Zimbabwe Pvt Ltd t/a

**HUMUSON
COMPLEX**

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78 LOMAGUNDI RD HARARE



OKRA crop nutrition guide with integrated Organic Humuson Complex fertilizer/bio stimulant

Please note: The recommendations appearing in this page should be regarded as a general guide only. The exact fertilization program should be determined according to the specific crop needs, soil and water conditions, cultivar and the grower's experience.

Stage in weeks	Fertilizers/ Biostimulants	Mode of application	Benefits
At Planting or up to a week after germination.	Carbo Amin Basal Dressing 160ml/knapsack OR 2.5l/ha	Drench	<ul style="list-style-type: none"> Improved crop establishment and root development. Help alleviate the effects of salinity Reduce nutrient leaching Feeds soil microbes which help to mineralize nutrients into plant available forms. Provides a balanced diet required for quick establishment.
Week 2 after Germination	Grow Plus topdressing 80ml per knapsack OR 1l / ha	Foliar	<ul style="list-style-type: none"> Increases rate of photosynthesis Increases leaf surface area Increase the Sugar Brix content of the crop hence reduced pressure from pests and diseases. Improves the efficiency of foliar applied agrochemicals and fertilisers.
	Maxprolin 5g/ha	Foliar	<ul style="list-style-type: none"> Improves stress tolerance (Biotic and Abiotic stress. Reduces flower and fruit abortion.
Week 6 after germination	Grow Plus topdressing 80ml per knapsack OR 1l / ha	Foliar	<ul style="list-style-type: none"> Photosynthesis improvement. Improvement of plants' nutrients transport system. Increases the number of flower buds and reduces flower drop Increases leaf surface area for maximum photosynthesis

Week 8 after transplanting	Grow plus top dressing 80ml per knapsack OR 1l / ha	Foliar	<ul style="list-style-type: none"> • Increases fruit size, • longer shelf life • Better stay-green quality • Better taste
	Maxprolin 5g/ha	Foliar	<ul style="list-style-type: none"> • Stress reduction • Gives energy to the crop and energizes pollination

For better Results

1. Pre-irrigate the soil before soil drenching.
2. Apply foliar application during the early mornings and late afternoons.
3. For indeterminate tomato varieties, the application of grow plus should be repeated at 10 to 14 days interval
4. We advise to use the Humuson Complex fertilizer 4hrs before heavy rains to avoid leaching of the fertilizer beyond the root zone.

Carbo Amin 2.5l to be diluted with 250L of water. Grow Plus 1l to be diluted with 200L of water

Note that Humuson Complex is not a stand alone product but integrated with your fertiliser regime with a 20-30% reduction of your synthetic fertilisers in the first year of application. For organic farmers to be used with manures and composts