

## Effects of application Ariashimi fertilizers on Cucumbers



Husmic	Elements	Advantages	Consumption
Humic acid, enriched with folic acid and NPK+TE	Humic Acid= 30% Folic Acid= 10%, N=11% P2O5= 8%, K2O= 17% TE=1%	-Increases roots growth and development -Improvement of nutrients absorption through leave and roots -Increase in the performance and improvement of quality of the yields Increase in fertilizer efficiency, absorption and using nitrogen and phosphorus Improvement in ventilation and modification of soil structure	Spray: one to two packs in 1000 liter water fertigation: 2 to 3 packs /ha

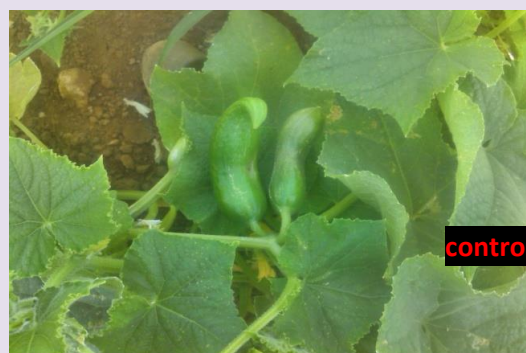
20-20-20 Aria	Elements	Advantages	Consumption
Complete fertilizer + TE	N=20%, P2O5= 20% K2O= 20%, Fe=0.05% Zn=0.02%, Mn=0.02% Cu=0.02%, B=0.006%	Containing balanced elements Help to growth, flowering and higher yield, High percent of micro nutrients in chelated form Foliar application ability	Spray: 2 to 3 Kg in 1000 liter water fertigation: 10 -15 Kg /ha



The effects of 20-20-20 Aria & Hasmik on cucumber- Isfahan- Mobarakeh - 2015



15-5-30+2MgO Aria	Elements	Advantages	Consumption
Complete fertilizer+2 MgO+TE	N=15%, P <sub>2</sub> O <sub>5</sub> = 5%, K <sub>2</sub> O= 30%, MgO= 2%, Fe=0.05%, Zn= 0.02%, Mn=0.02%, Cu= 0.02% B=0.006%	Containing macro element with high percent of potassium Increases fruit size High percent of micro nutrients in chelate form Foliar application ability	Spray: 2 to 3 Kg in 1000 liter water fertigation: 10 -15 Kg /ha



The effects of 15-5-30 Aria on cucumber- chaharmahal and bakhtiari - borujen - 2015



Deport	Elements	Advantages	Consumption
(EDDHA Chelated) Iron with high ortho- ortho	Fe= 6% Ortho- Ortho 4.5%	-Effective removal of yellowness caused by iron deficiency -stability to pH=11 -Rapid absorption and long stability -Increases growth	fertigation: 2 to 4 Kg /ha

Waker mix	Elements	Advantages	Consumption
Micro nutrient elements enriched with Amino -Acid	Fe=4.2%, Zn=2.7% Mn=2.4%, Cu=1% B=0.3%, Mo=0.06% Amino Acid= 22%	Provides all types of micro nutrients and various amino acids Increases quantity and quality yields Increases the speed and amount of element absorption due to chelating properties of amino acids	Spray: 1 to 1.5 liter per 1000 liter water



The effects of Diport, Hasmik & Waker mix on cucumber- chaharmahal and bakhtiari - borujen - 2015



Algora	Elements	Advantages	Consumption
Complete fertilizer, with plant growth stimulator	PGR= 317 ppm N= 14%, P2O5= 14% K2O= 14%, Fe=0.4% Zn=4%, Mn=0.4% Cu=0.1%, B=0.01%	-rooting increasing -Increases absorbing nutrients -improving the quality and quantity of the yields	Spray: one pack in 1000 liter water fertigation: 2 to 3 packs/ha

TABAK 19-19-19	Elements	Advantages	Consumption
Complete fertilizer(NPK+TE)	N=19%, P <sub>2</sub> O <sub>5</sub> = 19% K <sub>2</sub> O= 19%, Fe=0.2% Zn=0.1%, Mn=0.1% Cu=0.07%, B=0.03%	Containing balanced macro elements in same amount Help to the growth, floral and higher yield, High percent of micro nutrients in chelated form foliar application ability	Spray: 2 to 3 Kg in 1000 liter water fertigation: 10 Kg /ha



The effects of Tabak 19-19-19 & Waker mix on cucumber- Isfahan – Mobarakeh - 2015



Waker Fe	Elements	Advantages	Consumption
Fe enriched with Amino-acid	Fe=10% Amino Acid= 25%	-improvement in germination -removing leaf chlorosis -Increases photosynthesis output in leaves Containing large amount of different amino-acids to increase the quality and quantity yields	Spray: 1 to 2 Kg per 1000 liter water



The effects of Waker Fe on cucumber - Tiran - 2014