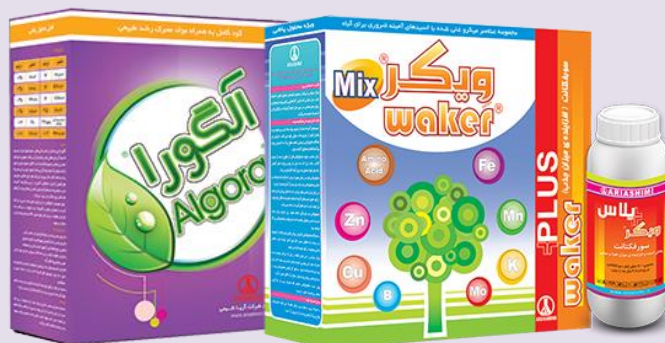


Effects of application Ariashimi fertilizers on Sugar beet



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
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



The effects of Algora & Waker mix on Sugar beet – Ardebil – Parsabad – Moghan - 2015



Feedmore	Elements	Advantages	Consumption
Amine ethanol borate	B=150 g/L (11% W/W B)	High ability in penetrating in leaves Removing boron deficiency in plants Rapid transfer in plant tissues	Spray: 1 to 1.5 Liter in 1000 liter water fertigation: 2 to 3 liter/ha
TABAK 10-52-10	Elements	Advantages	Consumption
Complete fertilizer(high phosphorous + micro elements)	N=10%, P2O5= 52% K2O= 10%, Fe=0.2% Zn=0.1%, Mn=0.1% Cu=0.07%, B=0.03%	Containing macro elements with high percent of phosphorous Roots stimulation Increases flowering and fruiting 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 Aria shimi fertilizers on sugar beet – Arak - 2015



Humic	Elements	Advantages	Consumption
Humic acid, enriched with folvic 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
Liquid Sitam	Elements	Advantages	Consumption
Liquid silicon fertilizer	SiO ₂ = 26%, K ₂ O= 19%	A rich source of potassium and silica Strengthening the plant against lodging and brittle Increase yield and its quality Improvement of plant resistance against pests and diseases Increases fruit size	Spray 1 to 2 liter /1000 liter water



The effects of Sitam & Hasmik on sugar beet - Arak - 2015



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

Feedmore	Elements	Advantages	Consumption
Amine ethanol borate	B=150 g/L (11% W/W B)	High ability in penetrating in leaves Removing boron deficiency in plants Rapid transfer in plant tissues	Spray: 1 to 1.5 Liter in 1000 liter water fertigation: 2 to 3 liter/ha



The effects of 20-20-20 Aria & Feedmore on sugar beet – Arak - 2015



10-52-10 Aria	Elements	Advantages	Consumption
Complete fertilize + high phosphorous +TE	N=10%, P ₂ O ₅ = 52% K ₂ O= 10%, Fe= 0.05% Zn= 0.02%, Mn= 0.02% Cu=0.02%, B=0.006%	Containing macro elements with high percent of phosphor Root stimulation Increase in flowering and fruits 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 sugar beet – Isfahan - Mobarakeh - 2015