

## Effects of application Ariashimi fertilizers on Wheat and Barley



Zinc seed treatment Aria	Elements	Advantages	Consumption
Zinc Fertilizer for seed treatment	ZnO= 62%	Providing zinc element for rapid absorption and seed germination Uniformity seed germination Increase in initial growth rate and number of bush per square meter Rooting increases and germination in grains	Wheat and barley: 2 to 4 packs per ton of seeds Corn: 1 to 4 packs per ton of seed



The effect of Zinc seed treatment Aria on wheat field - West Azerbaijan – Oshnavieh - 2015



The effect of Zinc seed treatment Aria on wheat field – Isfahan- Zibashahr - 2015



The effect of Zinc seed treatment Aria on barely– Khorasan- e Razavi - Davarzan - 2015





The effect of Zinc seed treatment Aria on barely – Khorasan Razavi - Davarzan - 2015



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 effect of Zinc seed treatment Aria & Waker mix on wheat field – Khuzestan - Ramhormoz - 2015



Potassium Sulfate Aria 0-0-50+45 SO <sub>3</sub>	Elements	Advantages	Consumption
Potassium sulfate	K <sub>2</sub> O=50%, SO <sub>3</sub> =45% (S=18%)	Suitable for under pressure & dropping system due to high acidity High content of potassium for improving fruit size And increase its resistance in environmental condition (drought, salinity, old...stresses	fertigation: 10 to 15 Kg /ha



The effect of Potassium Sulfate Aria & Waker mix on wheat field – Chaharmahal and Bakhtiari – Shahrekord - 2015



15-5-30-+2MgO Aria Complete fertilizer+2 MgO+TE	Elements	Advantages	Consumption
	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

20-20-20 Aria	Elements	Advantages	Consumption
Complete fertilizer + TE	N=20%, P <sub>2</sub> O <sub>5</sub> = 20% K <sub>2</sub> O= 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 effect of 20-20-20 Aria & 15-5-30 Aria & Waker mix on Wheat field – Chaharmahal and Bakhtiari – Shahrekord - 2014



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 effect of Tabak 19-19-19 & Waker mix on Wheat – Khuzestan – Ramhormoz - 2015



Bostano 0-0-50+ 18 S + TE	Elements	Advantages	Consumption
Potassium +TE sulfate	K <sub>2</sub> O=50% SO <sub>3</sub> = 45%(S=18%) TE=1%	Suitable for under pressure &dropping system due to high acidity High contents of potassium for improving the size of product Nutrients in chelated form	fertigation: 10 to 15 Kg /ha



The effects of Bostano on Wheat – Isfahan - Aran va Bidgol - 2015



**The effects of Waker mix on Wheat – Khuzestan – Gotvand - 2014**