XSilic

Special for Field Crops

Silicon and Calcium Magnesium Fertilizer

foliar

Yield and Quality

Composition

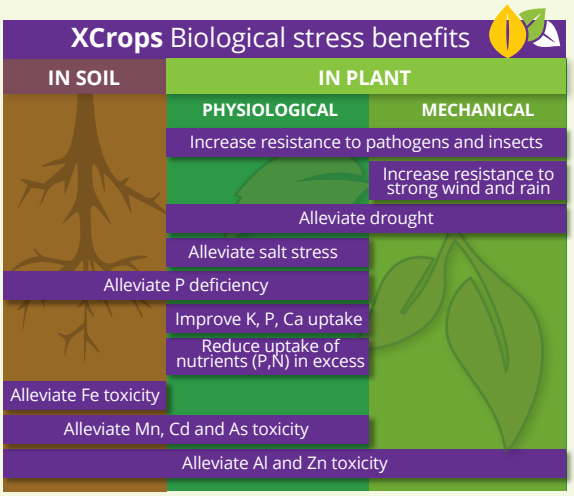
	%w/w
Silicon (SiO_2)	18
Calcium (CaO)	13,5
Magnesium (MgO)	5,5
Density	1,3
pH	5-6

Characteristics

XSilic is a silicon based antistress agent with biostimulating properties, it protects plants against stress factors by providing the best possible developement conditions and stimulates plant growth and developement.
There is a growing number of scientifics studies confirming the beneficial effect of silicon.

XSilic is a product wich fits perfectly into the concept of integrated crop production and may be used in organic farming.
"Silicon is the only nutrient wich is not detrimental when collected in excess" (Ma et al 2011)

Ideal for use with Biological Products as part of a sustainable pest and disease Control Program



Application

Crops	Details	General Dose 0,5 L/Ha
MAIZE	**1:** 2-6 leaves unfolded (BBCH 12-16). Optimal time is 4 leaves unfolded. **2:** Developement of leaves - begining of stem elongation (BBCH 17-31). **3:** Stem elongation cont. - begining of tassel emergence (BBCH 31-51)	
OILSEED RAPE	**Autum:** 4-8 leaves - 2 tillers detectable (BBCH 14-18) **Spring:** **1:** After de beginning of vegetation: beginning of side shoot developement - 6 internodes visible (BBCH 21-36). **2-3:** Developement of flower buds - beginning of flowering (BBCH 50-61), treatment every 10-15 days. **4:** Full flowering 50% flowers on main raceme open, older petals falling - development of fruit stage (BBCH 65-73)	
POTATO	**1:** 3-6 leaves on main stem unfolded (BBCH 13-16) **2:** Forming side shoots - crop cover (BBCH 21-39) **3-4:** Forming and growth of tubers (BBCH 40-49), treatment every 7-14 days	
RICE	**1:** Developement of leaves - tillering (BBCH 16-29) **2:** Stem elongation - early stage (BBCH 31-36) **3:** Beginning of heading (BBCH 51-53)	
RYE	**Autum:** 3 leaves - 2 tillers detectable (BBCH 13-22) **Spring:** **1:** Beginning of stem elongation - node 2 stage (BBCH 30-32) **2:** Flag leaf fully unrolled - beginning of inflorescence emergence (BBCH 39-51) **3:** End of flowering - early milk (BBCH 69-73)	
SORGHO	**1:** Developement of leaves - tillering (BBCH 13-29) **2:** Begining of stem elongation cont. - begining of heading (BBCH 31-51) **3:** Developement of fruit - early milk (BBCH 71-73)	
SOYBEAN	**1:** Developement of leaves and shoots (BBCH 13-29) **2:** Inflorescence emergence (BBCH 51-59) **3:** Beginning of pods developement (BBCH 71)	
WHEAT TRITICALE	**Autum:** 3-6 leaves (BBCH 13-16) **Spring:** **1: Winter wheat** - tillering (BBCH 22-29 **Spring wheat** - developement of leaves - tillering (BBCH 13-29) **2:** Stem elongation - heading - early stage (BBCH 30-51) **3:** Heading (stage cont.) - early milk (BBCH 51-73). Treatments are not recommended between stages BBCH 61-65	

XSilic is compatible with most pesticides and fertilizers. DO NOT mix with products containing, dicofol, dimethoate, oils and cupper products. For other products follow the label direction. A mixture test is advisable for compatibility.

SHAKE WELL BEFORE USE

sonar agro