



# CEREALS

FRAMEWORK PROGRAM FOR MINERAL™ ON CEREALS:		Wheat, Barley, Rye, Oats, Millet, Triticale	
Development phase	Measure	Mineral™	Solution
Preparation of the soil before sowing	<p>Watering</p> <p>If the technology permits soak the soil (if dry) prior to watering with Mineral™ Green with 10 000 l clear water /per hectare</p> <ul style="list-style-type: none"> <li>- <i>delivery of nutrients and water</i></li> <li>- <i>speeds up germination</i></li> <li>- <i>not suitable for sandy soils</i></li> <li>- <i>use disinfected seeds if possible</i></li> </ul>	<b>MINERAL™ GREEN</b>	<p><b>4 %</b></p> <p>10 l / 250 l water per hectare</p>
End of tillering ( BBCH 27 – 29 )	<p>Spraying all parts of plants - prevention</p> <ul style="list-style-type: none"> <li>- <i>increases the resistance of plants against diseases, stress</i></li> <li>- <i>foliar feeding (through leaves)</i></li> </ul>	<b>MINERAL™ YELLOW</b>	<p><b>4 %</b></p> <p>10 l / 250 l water per hectare</p>

<b>Stem elongation Node 3. to 4. ( BBCH 34 )</b>	Spraying all parts of plants - prevention  <i>- increases the resistance of plants against diseases, stress</i> <i>- foliar feeding (through leaves)</i>	<b>MINERAL™ YELLOW</b>	<b>4 %</b>  10 l / 250 l water per hectare
<b>Stem elongation Node 4. ( BBCH 34 )</b>	Spraying all parts of plants - prevention  One day after spraying with Mineral™ Yellow  <i>- increases the resistance of plants against pests</i> <i>- foliar feeding (through leaves)</i>	<b>MINERAL™ RED</b>	<b>4 %</b>  10 l / 250 l water per hectare
<b>Flag leaf fully unrolled ( BBCH 39 )</b>	Spraying all parts of plants - prevention  One day after spraying with Mineral™ Yellow  <i>- increases the resistance of plants against pests</i> <i>- foliar feeding (through leaves)</i>	<b>MINERAL™ RED</b>	<b>4 %</b>  10 l / 250 l water per hectare
<b>Beginning of heading ( BBCH 51 )</b>	Spraying all parts of plants - prevention  <i>- increases the resistance of plants against diseases, stress</i> <i>- foliar feeding (through leaves)</i>	<b>MINERAL™ YELLOW</b>	<b>4 %</b>  10 l / 250 l water per hectare

IN THE EVENT OF			
<p><b>First signs of a disease</b></p> <p><b>(mold, rust, etc.)</b></p>	<p>Spraying - curative</p> <p>Spraying plants on all above ground parts of plants - curative</p> <p>Repeat at least 3 times every other day (day 1., 3., 5., (7.))</p> <p><i>-very useful on smaller areas</i></p> <p><i>- in very intensive production consider the use of corresponding fungicides</i></p>	<p><b>MINERAL™ YELLOW</b></p>	<p><b>8 %</b></p> <p>20 l / 250 l water per hectare</p>
<p><b>First occurrence of a pest or at the time if hatching larvae</b></p>	<p>Spraying - curative</p> <p>Spraying plants on all above ground parts of plants - curative</p> <p>Repeat at least 3 times every other day (day 1., 3., 5., (7.))</p> <p>Do not spray with Mineral™ Yellow simultaneously</p> <p><i>-very useful on smaller areas</i></p> <p><i>- in very intensive production consider the use of corresponding pesticides</i></p>	<p><b>MINERAL™ RED</b></p>	<p><b>8 %</b></p> <p>20 l / 250 l water per hectare</p>