



# POTATO

## FRAMEWORK PROGRAM FOR MINERAL™ USE ON POTATO

## POTATO

(gardeners and small organic growers look at the table in instructions for quantities of Mineral™ )

Development phase	Measure	Mineral™	Solution
<b>before planting</b>  <b>or</b> <b>immediately after planting</b> <b>and before covering seed</b> <b>potatoes with the soil</b>	<b>Soaking (best) for 30 minutes or spraying seed potatoes</b>  <i>-speeds up germination</i>	<b>MINERAL™ YELLOW</b>	<b>2 %</b>  ( 20 ml / 1 l water ) ( 2 dcl / 10 l water ) ( 2 l / 100 l water )
<b>immediately after planting</b>	Watering  If technology allows soak the soil with 10.000 l of clear water per hectare before watering with Mineral™ Green  <i>- delivers nutrients and water into the soil</i> <i>- speeds up germination</i>  <i>- It is not appropriate on sandy soils</i>	<b>MINERAL™ GREEN</b>	<b>4 %</b>  20 l / 500 l water / ha

<p><b>14 days after the emergence</b></p>	<p>Spraying - preventive</p> <p>Repeat after 10 days</p> <p><i>- increases the resistance of plants against diseases</i>  <i>- foliar feeding (through leaves)</i></p>	<p><b>MINERAL™ YELLOW</b></p>	<p><b>4 %</b></p> <p>8 - 12 l / 200 - 300 l water / ha</p>
<p><b>during the most intensive growth, with flowering varieties until the end of flowering</b></p>	<p>Spraying - preventive</p> <p>Repeat regularly once per week</p> <p><i>- increases the resistance of plants against diseases (Phytophthora)</i>  <i>- foliar feeding (through leaves)</i>  <i>- improves quality of the crop</i>  <i>- increases tubers, more even thickening</i></p>	<p><b>MINERAL™ YELLOW</b></p>	<p><b>4 %</b></p> <p>12 - 20 l / 300 – 500 l water / ha</p>
<p><b>At the announcement of potato mold (Phytophthora advisory service )</b></p> <p><b>or</b></p> <p><b>in humid weather with temperatures of 18°C to 26°C</b></p>	<p>Spraying - preventive</p> <p>Repeat every third day as long as conditions for infection persist</p> <p><i>- increases the resistance of plants against diseases (Phytophthora)</i>  <i>- foliar feeding (through leaves)</i></p>	<p><b>MINERAL™ YELLOW</b></p>	<p><b>5 %</b></p> <p>15 - 25 l / 300 – 500 l water / ha</p>

<p><b>during the most intensive growth, with flowering varieties until the end of flowering</b></p> <p><b>or</b></p> <p><b>to the end of vines growth</b></p>	<p>Spraying - prevention</p> <p>Repeat regularly on all above ground parts of plants, blossoms as well, once per week</p> <p>Always a day after spraying with Mineral™ Yellow</p> <p>- <i>increases the resistance of plants against pests and stress</i>  - <i>foliar feeding (through leaves)</i></p>	<p><b>MINERAL™ RED</b></p>	<p><b>4 %</b></p> <p>12 - 20 l /  300 – 500 l water / ha</p>
<p><b>till the vines start to turn yellow, tuber bulking phase</b></p>	<p>Spraying - prevention</p> <p>Two times in span of 10 days</p> <p>- <i>increases the resistance of plants against diseases (Phytophthora)</i>  - <i>consolidates the skins of tubers, increases resistance to form skin dots, increases the storage capacity</i>  - <i>increases the quality of products, uniformity of tubers</i></p>	<p><b>MINERAL™ YELLOW</b></p>	<p><b>4 %</b></p> <p>8 - 12 l /  200 - 300 l water / ha</p>
<p><b>IN THE EVENT OF</b></p>			
<p><b>the appearance of first signs of a disease</b></p> <p><b>( <i>Phytophthora infestans</i>, <i>Alternaria solani</i> ipd. )</b></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.)</p> <p>- <i>market growers should use an appropriate fungicide</i></p>	<p><b>MINERAL™ YELLOW</b></p>	<p><b>8 %</b></p> <p>24 - 40 l /  300 - 500 l water / ha</p>

<p><b>the appearance of first signs of a pest</b></p> <p><b>or in time of larvae hatching</b></p> <p><b>( <i>Leptinotarsa decemlineata</i> )</b></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.)</p> <p><i>Do not spray at the same time with Mineral™ Yellow.</i></p> <p><i>- market growers should use an appropriate insecticide</i></p>	<p><b>MINERAL™ RED</b></p>	<p><b>8 %</b></p> <p>24 - 40 l / 300 – 500 l water / ha</p>
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