

AQUAKAT®

Water vitalization for agriculture

Area

Effect

Livestock

- Higher water consumption
- Increased performance
- Greater feed efficiency
- Improves water system performance
- Supports sustainability

Plants/Crops

- Better nutrient uptake
- Stronger plant growth
- Supports increased yield/productivity
- Reduces fertilizer & other input usage
- Improves field spraying efficiency
- Supports Sustainability



AQUAKAT[®]

WATER TREATMENT METHOD FOR DAIRY FARM USE



Improve water quality

Avoid harsh chemicals

**Achieve better health
and performance**



IMPROVED FIELD SPRAYING





Farmer observations when AquaKat water used in spraying:

- produces finer droplets (instead of a mist) so spray less inclined to drift/blow off course
- provides for better ground coverage
- can run sprayer boom lower down
- herbicides work more effectively
- water consumption rates may be reduced
- chemicals perform better in hard water conditions
- more even spray pattern achievable
- mitigation of stunting (brown spots/damage)

Note: variation in farm, sprayer equipment and water can influence on-farm results.

OPTION FOR USING AN AQUAKAT FOR SPRAYING:

- 1) AquaKat may be affixed to sprayer boom or
- 2) AquaKat water (from water truck or storage tank) may be used

<p>Chlorophyll Meter Test (Corn Leaf)</p>	<p><u>NO AquaKat</u></p>  <p>598</p>	<p><u>AquaKat</u></p>  <p>712 (20% higher than Control)</p>
<p>Brix Reading (Corn Leaf)</p>	<p>CORN LEAF No AquaKat August 2015</p>  <p>20</p>	<p>CORN LEAF With AquaKat August 2015</p>  <p>30 (50% higher than Control)</p>

EASY TO INSTALL: no plumbing required, no electricity, no magnets, no maintenance.

- ❖ Stabilizes hard water
- ❖ Reduces iron build-up in water
- ❖ Addresses chlorine or sulfur

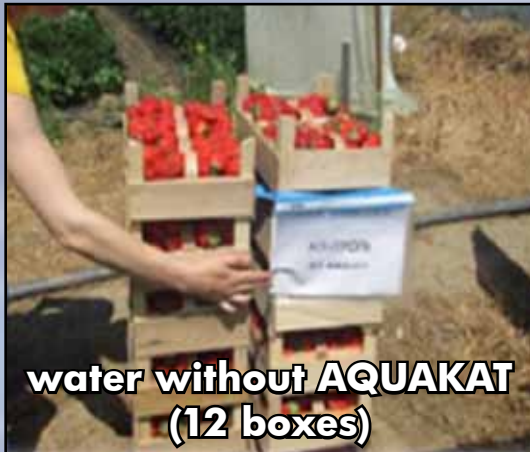
GERMINATING WINTER WHEAT



TAP WATER

AQUAKAT WATER

AQUAKAT affixed to a field sprayer



**water without AQUAKAT
(12 boxes)**

AQUAKAT affixed to water line for strawberries



**with AQUAKAT water
(17 boxes)**

EXAMPLES OF AQUAKAT MODELS (and daily capacity)



AquaKat XL (6,000 liters)



AquaKat 2" (12,000 liters)



AquaKat 8+ (for high water capacity systems)

For further information contact:

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