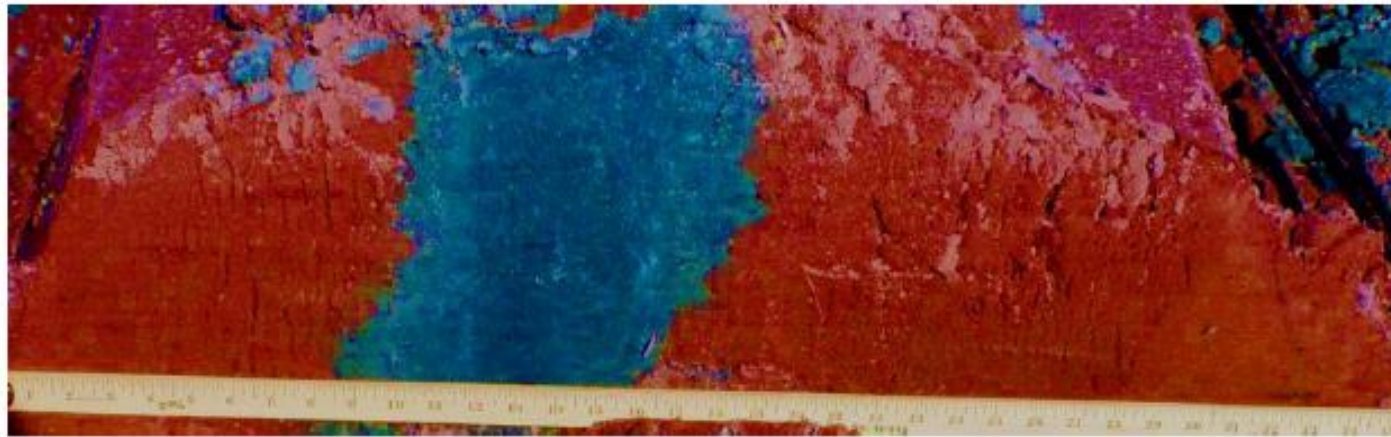




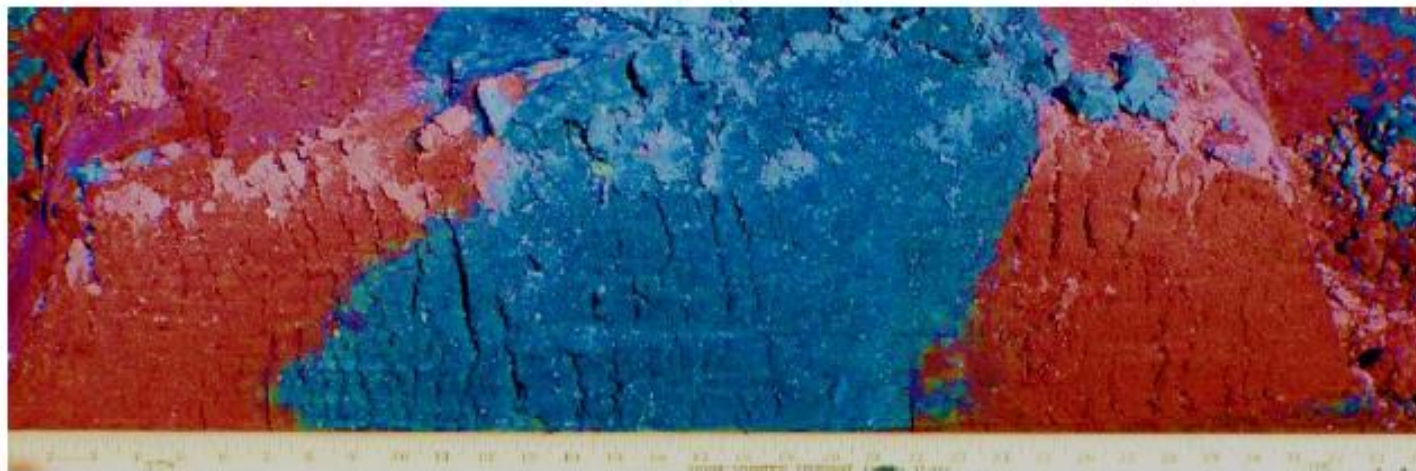
- H2FLO uses a blend of surfactants to improve both penetration and lateral movement of water within the rootzone.
- A liquid product that is applied to the soil via irrigation system which allows growers to maintain yield while cutting water rates by 25%+
- Combined with this is a root activator which promotes an increase in root mass
- H2Flo is **the** product for Specialty Agriculture

- Blend of Multi Block Polymer Surfactants 88%
- Inert ingredients (water + preservative) 12%
- Non ionic surfactant so very safe to plants and compatible with fertilizer chemistry
- Long chain surfactants that break down over time to give residual activity – not just a one shot penetrant.

Control: One drip tape, 1h (31% coverage)



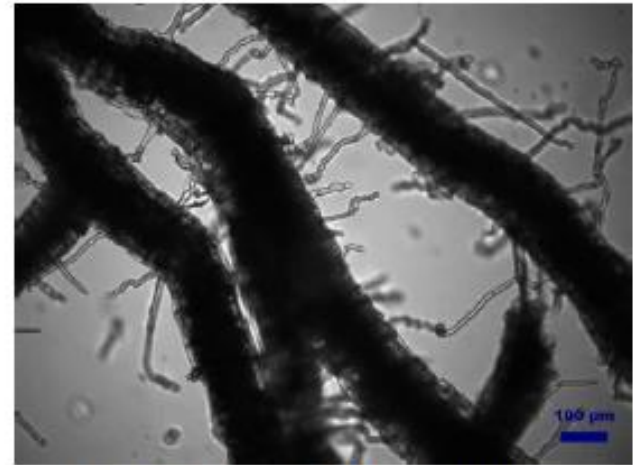
Water + H<sub>2</sub>FLO: One drip tape, 1h (52% coverage)



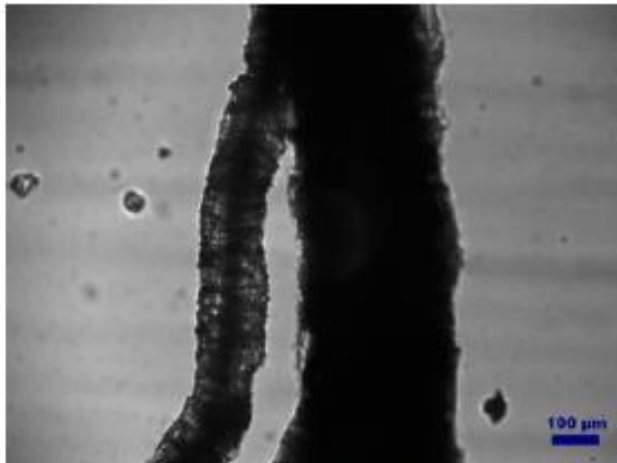
- Root Activator stimulates root production leading to a greater root mass.
- Plants treated with Root Activator show increases in both secondary rooting and root hair number in comparison to untreated roots
- Untreated gave an average of 22 root hairs per cm of root whereas Root Activator treated roots had an average of 236 root hairs per cm of root.



Untreated



Treated root after 28 days



Untreated



Treated root after 28 days

| TIMING                                     | H2FLO RATE (LITERS PER HA) |
|--|----------------------------|
| PRE PLANTING / WETTING UP OF GROWING MEDIA | 2.5 L                      |
| INITIAL APPLICATION IN CROP                | 2.5 L                      |
| MONTHLY IN CROP                            | 1.5 L                      |

Application Methods: Drip, Centre Pivot and Overhead Irrigation

First application of H2FLO should be applied prior to or close to planting. Subsequent application should be made on a monthly basis.

# H<sub>2</sub>Flo<sup>TM</sup>

Soil surfactant



- Highest loaded surfactant on the market.
- Unique technology that improves the efficiency of water and plant nutrients.
- Contains Root Hair Activator for better establishment.

For more information visit



8 712994 008000 >

**5L**  
Net weight

0310.03.20GC



- Fully biodegradable
- The product meets the EC 648/2004 requirements on biodegradability
- The product does not require a hazard warning label and is non hazardous
- Neutral pH of 7

- Limited research in this area to date but end user feedback is available
- Potato - The potatoes were boom sprayed at 2.5 L per Ha application in 1000-2000 L of water at hilling and then followed with irrigation over the top using a tow gun.
- H2Flo applied again at 1.5L before canopy
- Grower reported a 10% yield increase.

# H2FLO interaction with soil applied pesticides and herbicides

- H2Flo does not have adjuvant registration so should not be applied at the same time (tank mix) with soil applied pesticides.
- H2Flo is not a strong penetrant so will not 'flush' or move pre emergent herbicides as this is not the mode of action
- It can be applied prior to application in order provide more uniform soil moisture which will in turn give better coverage for pesticide.
- Example of this is work with fumigant metam potassium

# H2Flo interaction with soil applied pesticides

**Fumigant  
only**



**H2Flo applied 1  
day before  
fumigant**

