



Sustainable Plant Nutrition

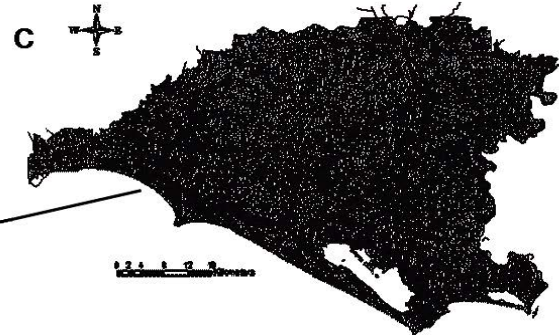
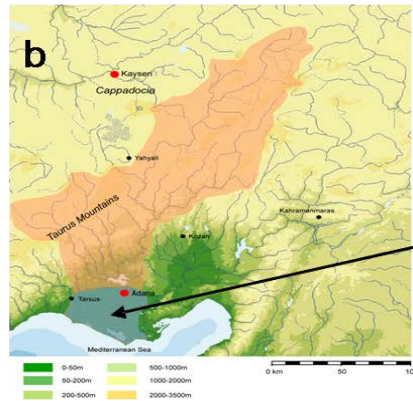
HUMAGRO TRIALS IN TURKEY

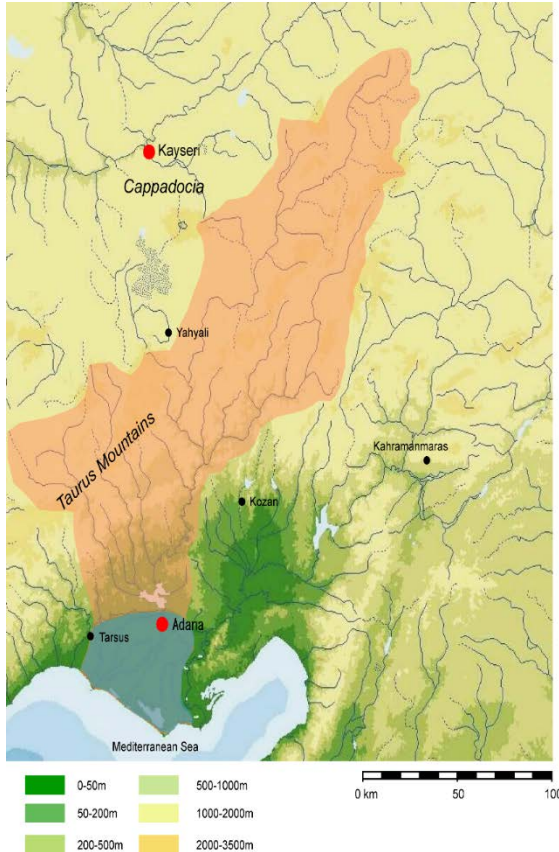
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and Haluk Köksalan***

Adana, Turkey



**MICRO CARBON
TECHNOLOGY®**





Why Seyhan River Basin?

- The Mediterranean region: sensitive to global warming
- Important food production area
- Various agro-systems; rain-fed agriculture, irrigated agriculture and stock farming/pasturage
- Catchment area: 19,300km²
- Climate: Mediterranean
 - Wet winter - Dry and hot summer
 - Annual Precipitation in Adana : 640mm
 - Annual Average Temperature : 18.8°C
 - Annual Potential ET in Adana : 1560mm
- Seyhan Reservoir: 1.2 billion m³
- Irrigated Area: 174,000 ha
- Main crops: wheat, maize, citrus, cotton, etc.

Large reservoirs midstream



Mountains upstream



Rainfed wheat upstream



Irrigated farmland in the lower delta

MEYER AND INTERDONATO LEMONS 3 YEARS OLD



MEYER LEMONS - 3 YEARS OLD





15 L/ha Super Phos® (Drip) + 20 L/ha Super K® (Drip)
2 L/ton Super Nitro® (Foliar) x 2
2 L/ton Breakout® (Foliar) x 2
0.5 L/ton Ghost™ (Foliar) x 2
0.5 L/ton Z-Max® (Foliar) x 2
2 L/ton Vitol® (Foliar) x 2
1 L/ton 44-Mag® (Foliar) x 2
2 L/ton Calcium (Foliar) x 2
0.5 L/ton Pentabor (Foliar)



INTERDONATO LEMONS - 3 YEARS OLD





MIHO WASE SATSUMA MANDARINS 5 YEARS OLD





25 L/ha Super Phos[®] (Drip)
25 L/ha Super K[®] (Drip)
2 L/ton Super Nitro[®] (Foliar) x 2
2 L/ton Breakout[®] (Foliar) x 2
0.5 L/ton Ghost[™] (Foliar) x 2
0.5 L/ton Z-Max[®] (Foliar) x 2
2 L/ton Vitol[®] (Foliar) x 2
1 L/ton 44-Mag[®] (Foliar) x 2
2 L/ton Calcium (Foliar) x 2
0.5 L/ton Pentabor (Foliar)



W. MURCOTT AFOURER - 5 YEARS OLD





COTTON - SUPER NITRO® - SUPER PHOS® - SUPER K® - 38 SPECIAL® - C-PHOS™



BANANA - SUPER NITRO® - SUPER PHOS® - SUPER K® - 38 SPECIAL® - C-PHOS™



TOMATO - MACRO AND MICRO ELEMENTS



PEPPERS (MURAT ÇETİN FARM)

VITOL® Application in Wheat





SOYBEANS - VITOL® AND GHOST™



VITOL®



BREAKOUT[®] 4-14-0

BREAKOUT® 4-14-0





VITOL[®] - BREAKOUT[®]



KONTROL

BREAKOUT



KONTROL

BREAKOUT



KONTROL

BREAKOUT



GHOST™ – BREAKOUT® and Z-MAX® (Murat Çetin Farm)



BREAKOUT® and GHOST™



BREAKOUT® and GHOST™





VITOL® and GHOST™



BREAKOUT® + C-PHOS™



BREAKOUT®







VITOL[®] + Z-MAX[®]



BREAKOUT®



Thank you...

