

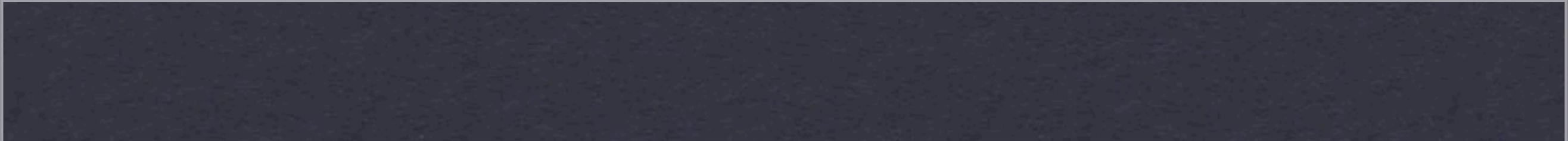


Green Business Expo Presentation

August 24, 2011

Presenters: Randy M. Loup & Monica Brandt

Solving High Salinity Soil Issues



RANGER 40 PETROLEUM - SITE 73

RANGER 40 PETROLEUM - SITE 73

START OF TRIAL.....60 DAYS LATER



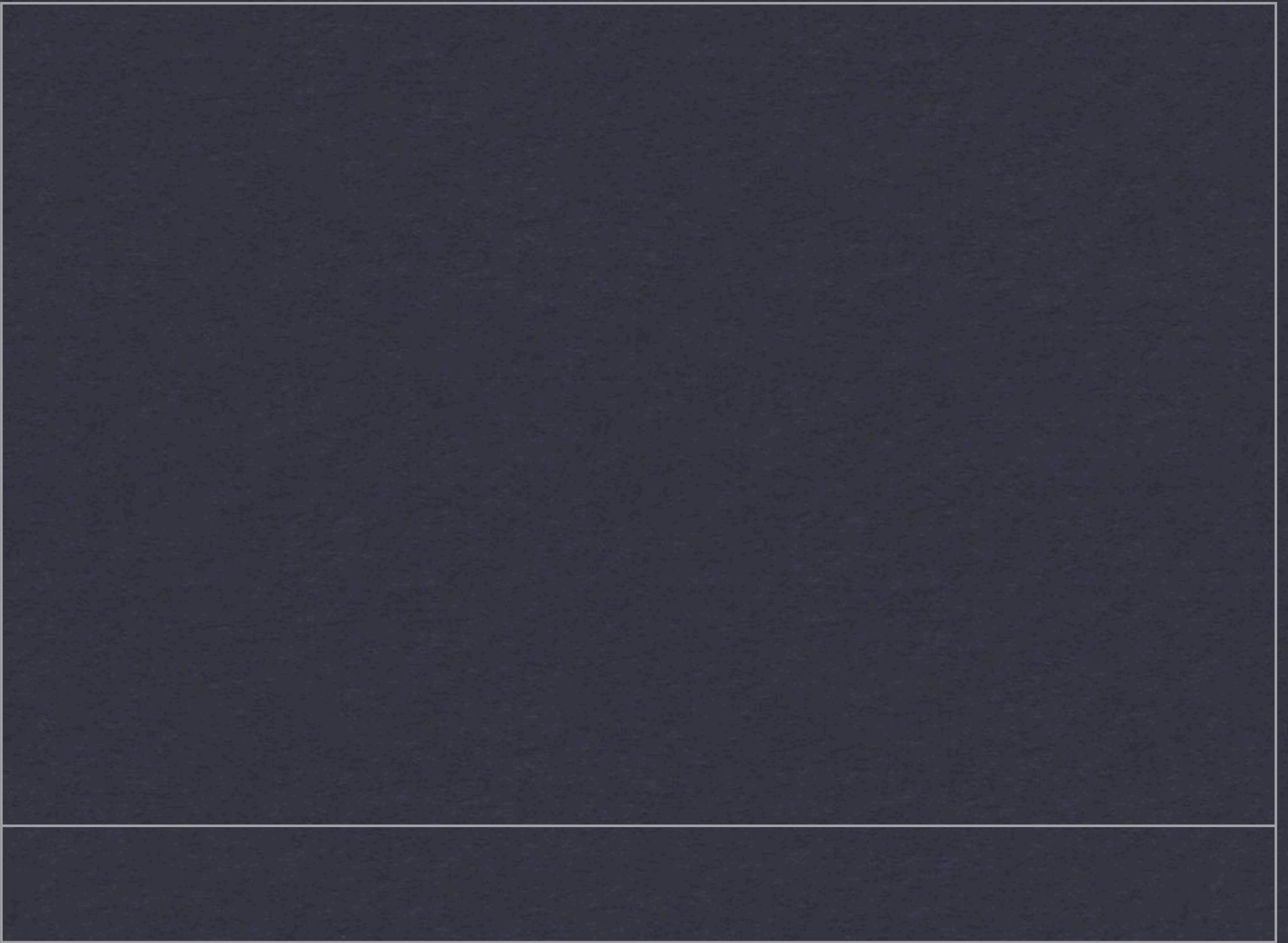
RANGER 40 PETROLEUM - SITE 73

START OF TRIAL.....60 DAYS LATER



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RANGER 40 PETROLEUM - SITE 43

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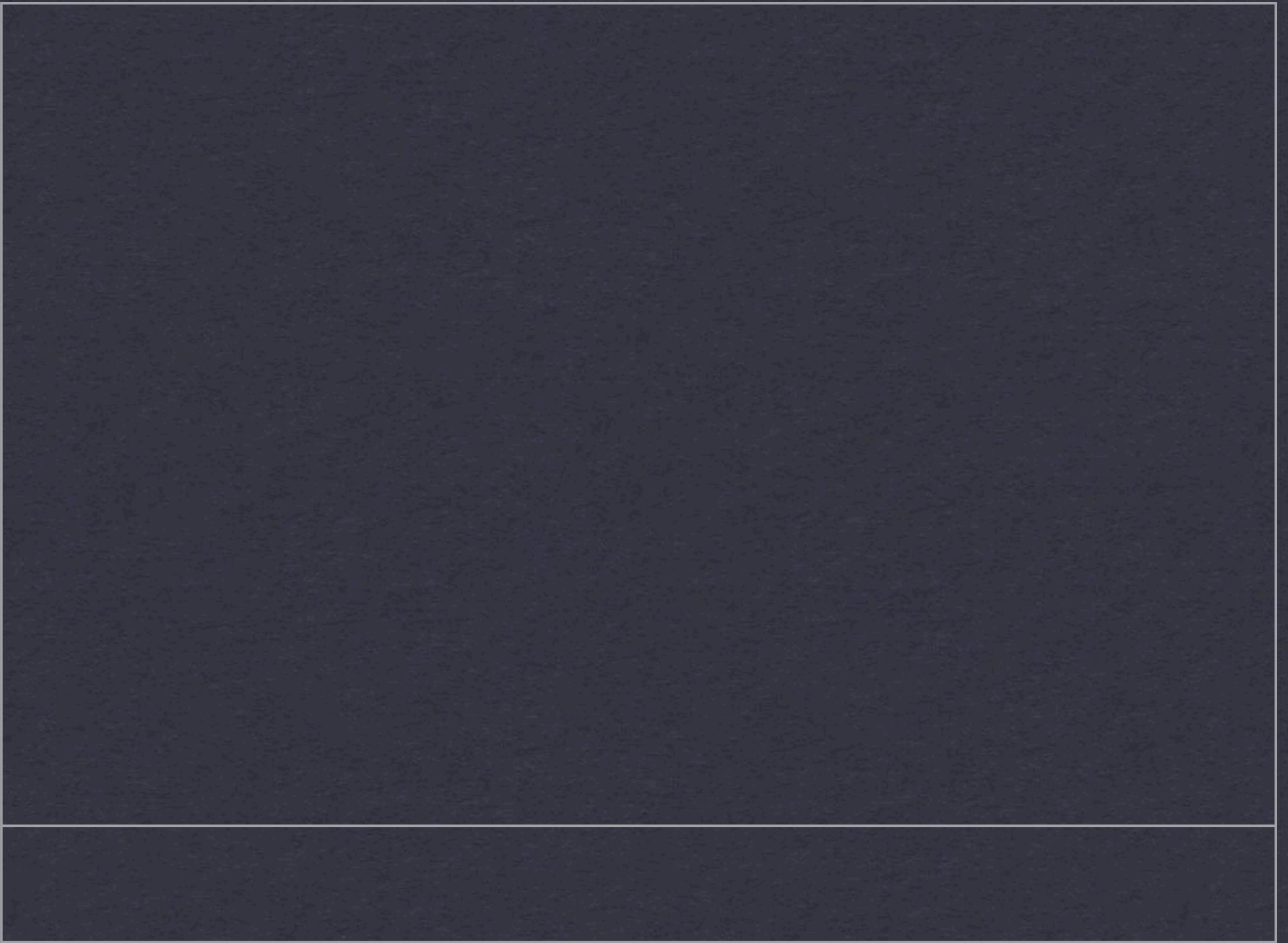
RANGER 40 PETROLEUM - SITE 43

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EMPIRE, LOUISIANA - PLAQUEMINES PARRISH

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DAY ONE PHOTOS



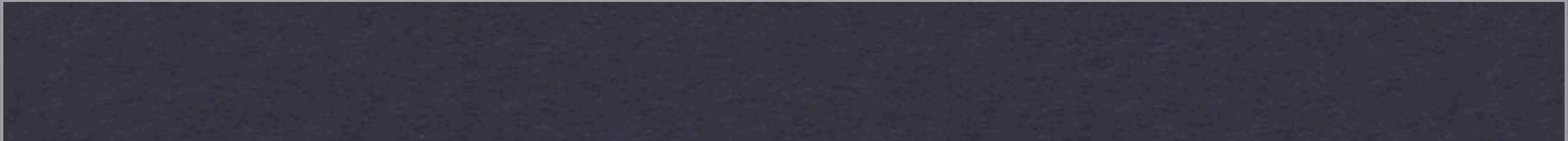
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DAY 5 GROUND COVER DAY 14 TRIAL NEXT TO CONTROL

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EMPIRE, LA



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DAY 14 TRIAL NEXT TO CONTROL

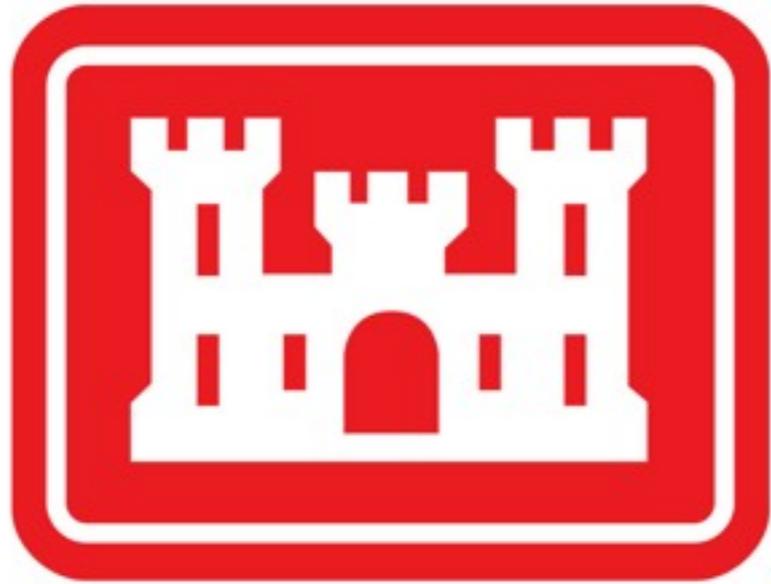
EMPIRE, LA



DAY 5 GROUND COVER

DAY 14 TRIAL NEXT TO CONTROL

EMPIRE, LA

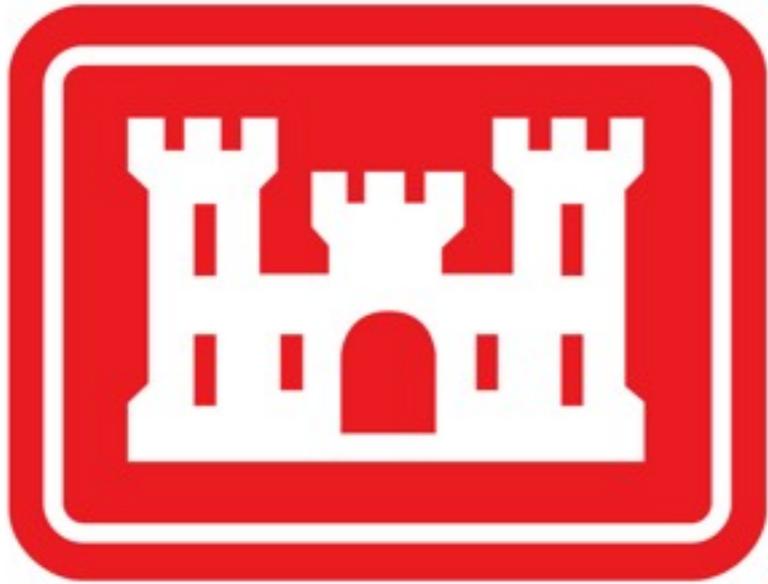


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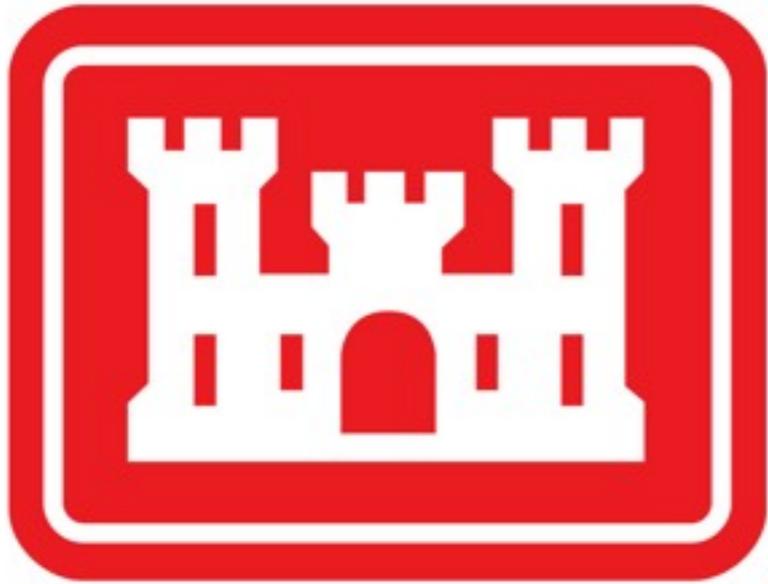
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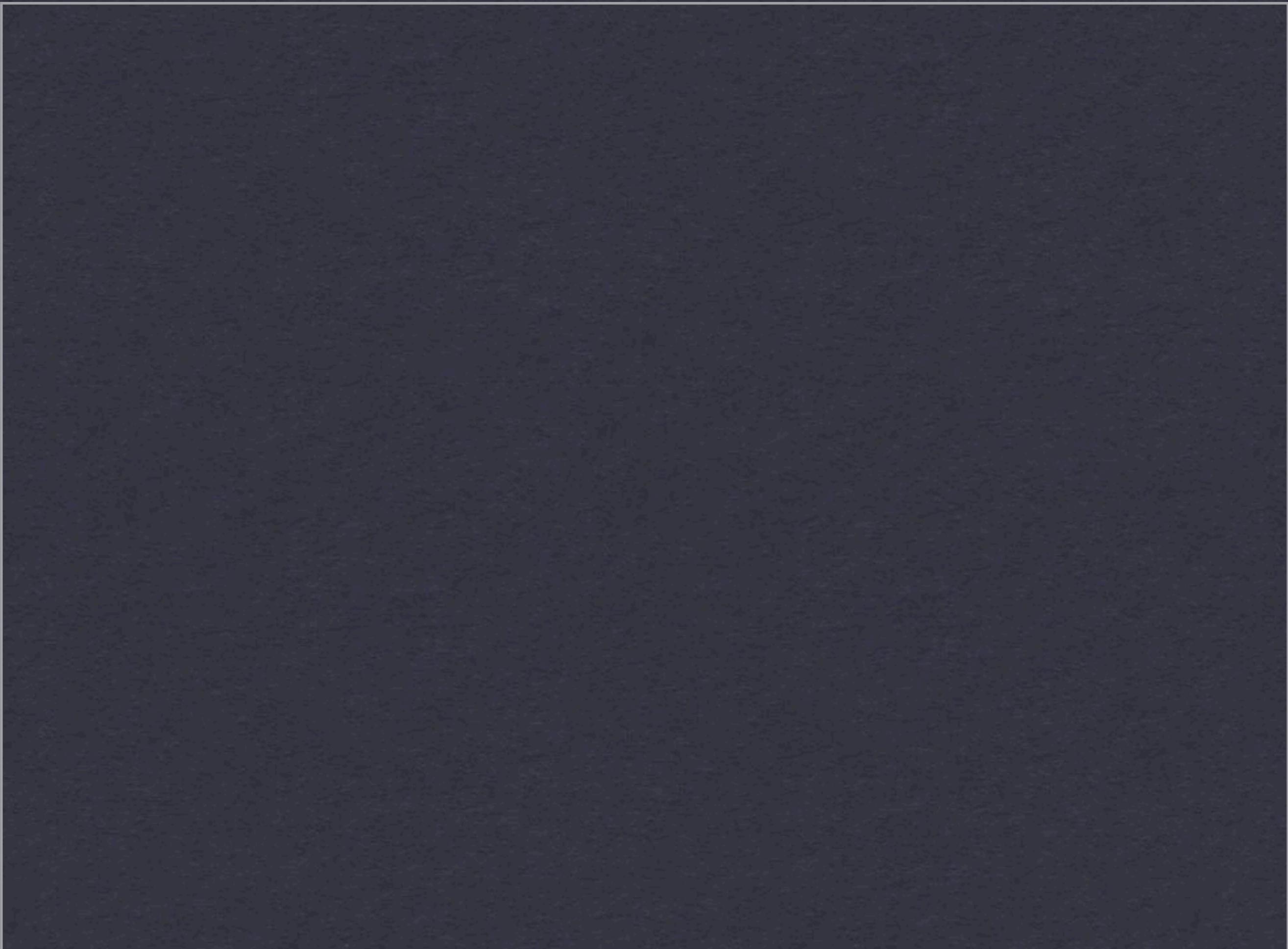
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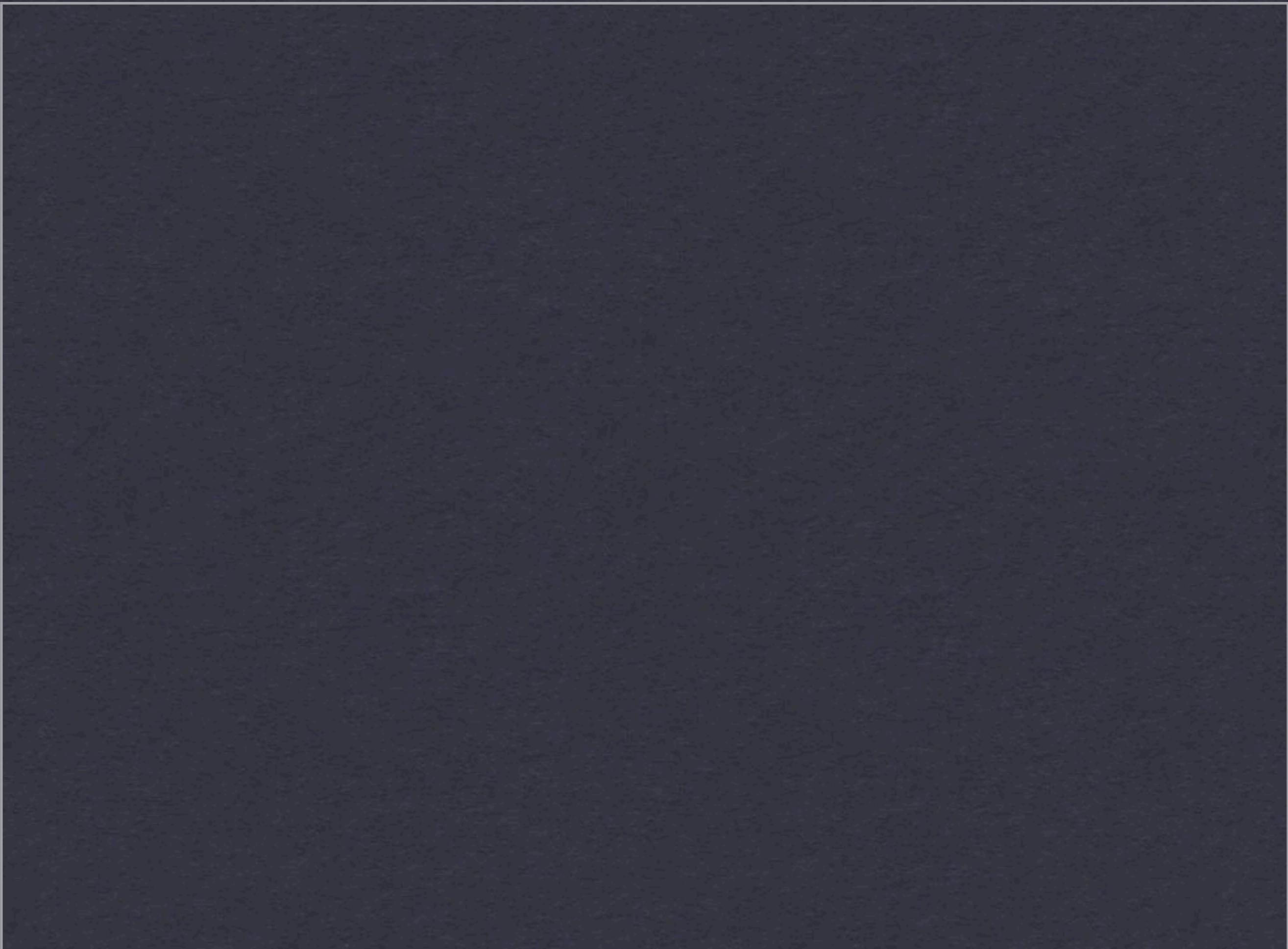




Who is Avelis?

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AVELIS IS A BIOTECHNOLOGY FIRM THAT IS INTERESTED IN IMPROVING THE CELLULAR FUNCTION OF ALL LIFE FORMS IN A SUSTAINABLE MANNER.

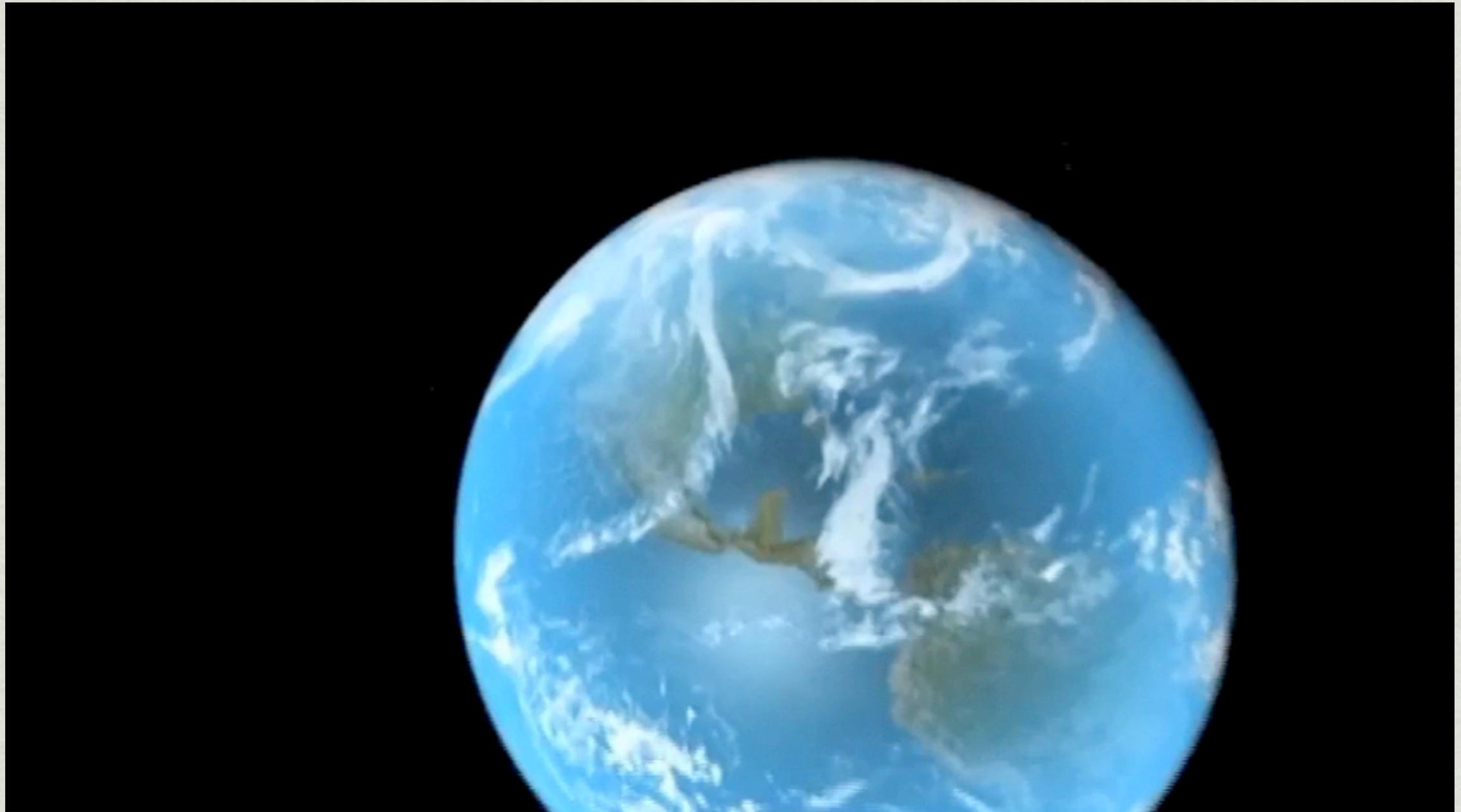


Our Technology: 3 Parts

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**NANO-MOLECULES...MACRO-MOLECULES...PROPRIETARY
ELECTROLYTES**

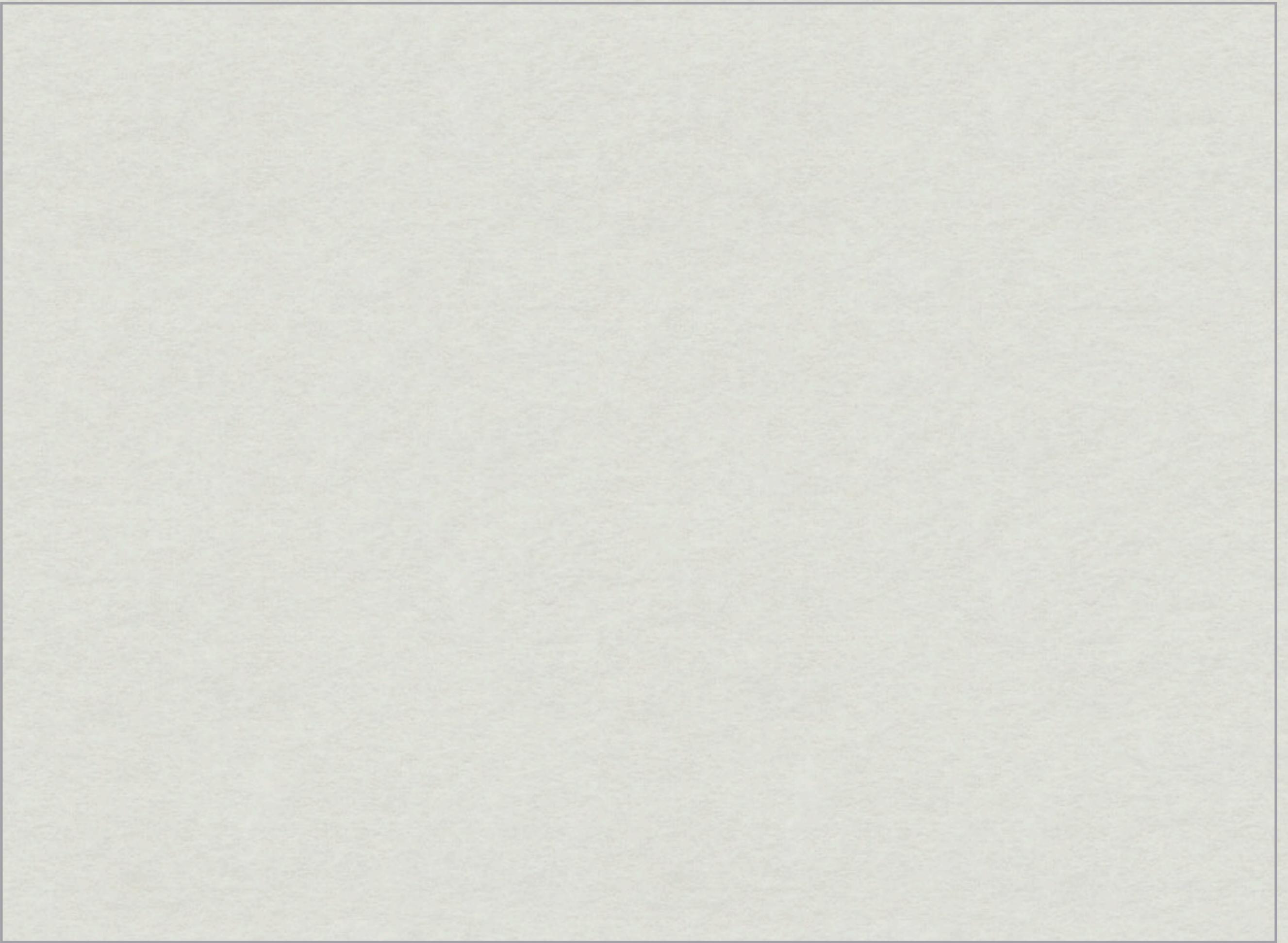
TECHNOLOGY ANIMATION - PLAYING AT BOOTH AND ONLINE WITH SOUND



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Dr. Justin Cannock - President & Chief Scientific Officer

Third Party Trial Data:





STUDY BY JESCO ENVIRONMENTAL WITH LSU



Avelis



Avelis Delayed



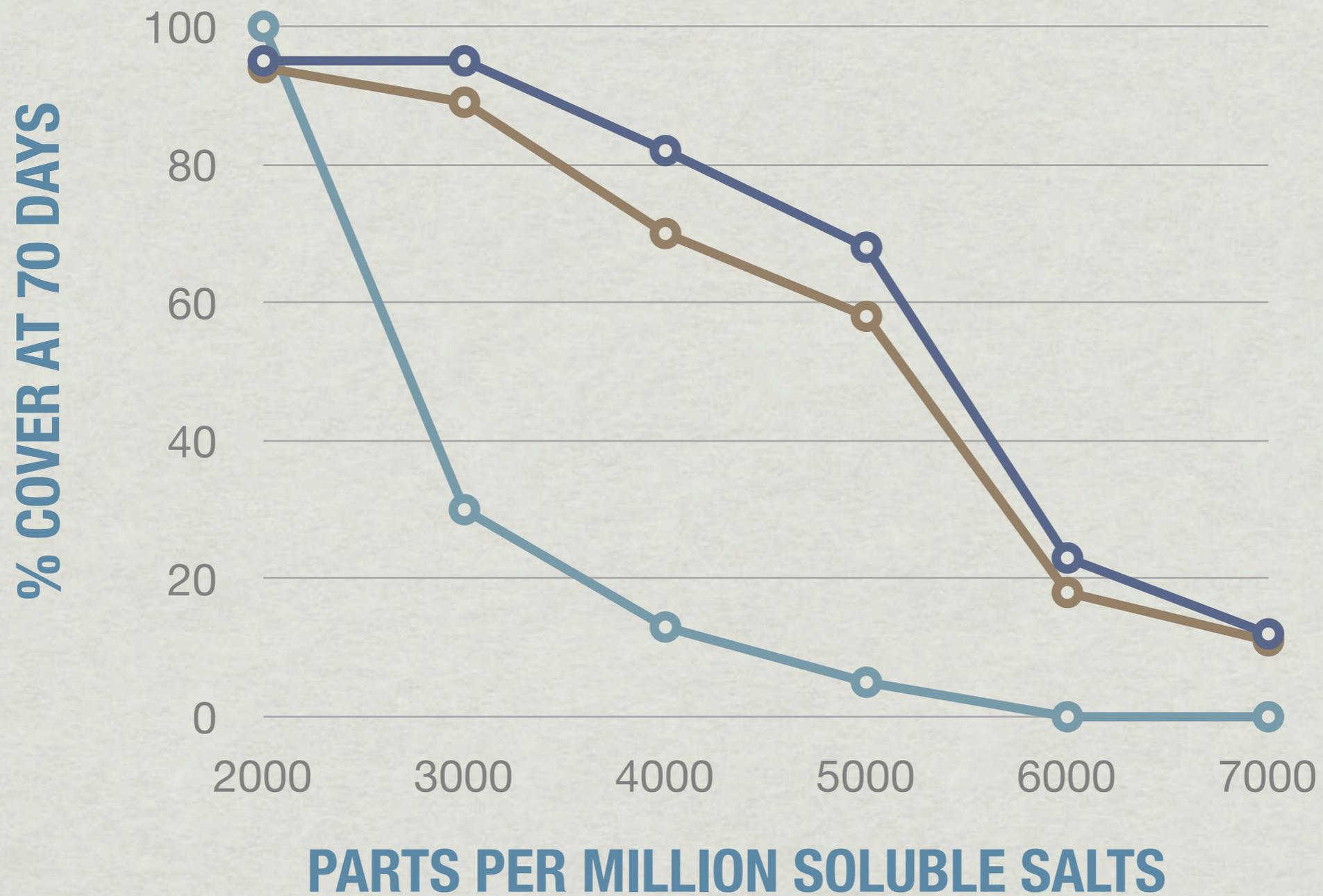
Control

% COVER AT 70 DAYS

PARTS PER MILLION SOLUBLE SALTS

STUDY BY JESCO ENVIRONMENTAL WITH LSU

○ Avelis ○ Avelis Delayed ○ Control



STUDY BY JESCO ENVIRONMENTAL WITH LSU

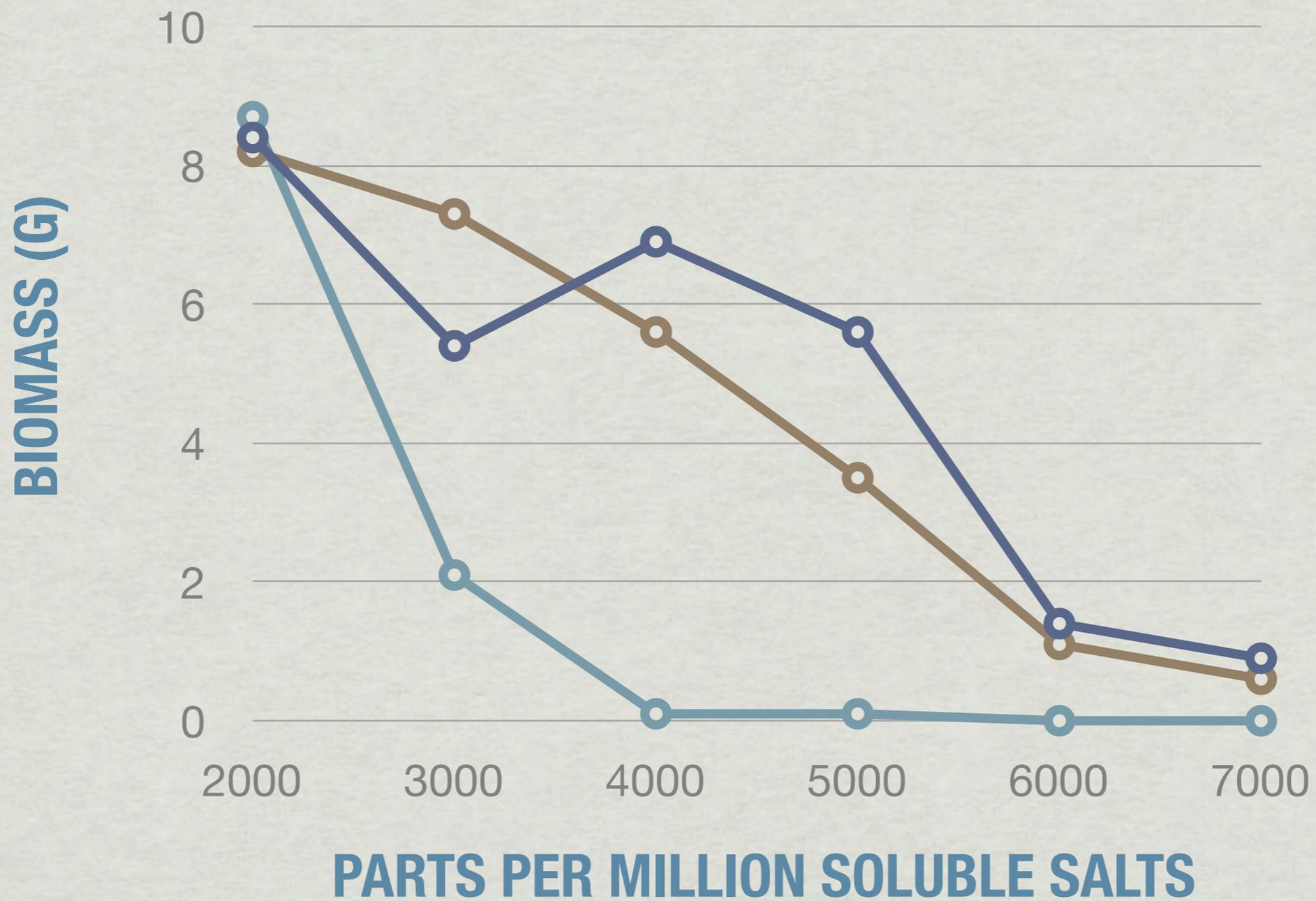
○ Avelis ○ Avelis Delay ○ Control

BIOMASS (G)

PARTS PER MILLION SOLUBLE SALTS

STUDY BY JESCO ENVIRONMENTAL WITH LSU

○ Avelis ○ Avelis Delay ○ Control



Trial Results:

“BASED ON THIS RESEARCH AVGRO MAY BE USED TO INCREASE BERMUDAGRASS ESTABLISHMENT ON CLAY SOILS HIGH IN SALTS UP TO 4160 PPM UNDER NORMAL ENVIRONMENTAL CONDITIONS.”

-JESCO ENVIRONMENTAL REPORT



Eliminate need for transport.

Cost Savings:

Per linear mile of levee

FREIGHT COST TO BRING IN NON-SALTY SOIL = \$150,000

AVGRO MEND COST PER LINEAR MILE = \$ 30,000

TAXPAYER SAVINGS = \$120,000!!!

Cost Savings of \$120,000

X 100 miles



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X 100 miles

**\$12 Million in Taxpayer
Savings!!!**

Secondary Cost Benefits Using AvGro Mend to Remediate Local Topsoil

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- **REDUCE ACCIDENT AND DEATH RATE
(APPROXIMATELY 2 PER 100,000 MILES)**

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- **REDUCE/ELIMINATE THE USE OF SYNTHETIC FERTILIZER
(ELIMINATING RUN-OFF POLLUTANTS)**

Coastal Erosion Solutions



LA Wetlands Receeding at Rate of 50 Acres a Day!

Plants Growing in Oil with AvGro



CONTROL ON LEFT

AVGRO TREATED ON RIGHT

T-BEB NURSERY TRIAL



CONTROL ON LEFT

AVGRO TREATED ON RIGHT

T-BEB NURSERY TRIAL - 2 WEEKS AFTER OIL SPILL OIL ADDED TO BUCKETS - AVGRO PLANTS THRIVE.



AVGRO PLANTS IN OIL AT EIGHT WEEKS!!!!

T-BEB NURSERY TRIAL

“The plants aren’t just living, they’re thriving,” said Herdis Neil, owner of T-Beb Nursery. “The prettiest ones are the AvGro ones with the oil in them. They’re better looking than the ones without!”





CONTROL



AVGRO A-1



AVGRO A-2

MARSH RESTORATION PLANTS GROWN IN AVGRO

PLANT STOCK GROWN AT T-BEB NURSERY. REMOVED APRIL 30, 2010.



PLANTS REMOVED FROM GROUND ON JUNE 1, 2010

PLANT STOCK AFTER ONE MONTH OF BEING IN THE GROUND

Cost Savings:

For Protecting & Rebuilding Marsh

COST TO RE-BUILD PER ACRE = \$200,000

COST OF AVGRO MEND PER ACRE = \$ 5,000

TAXPAYER SAVINGS = \$195,000!!!

Cost Savings of \$195,000

X 100 acres



Cost Savings of \$195,000

X 100 acres

**\$19.5 Million in Taxpayer
Savings!!!**

Benefits of Using AvGro Mend to Protect Marshes and Wetlands

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- **INCREASED BIOMASS**

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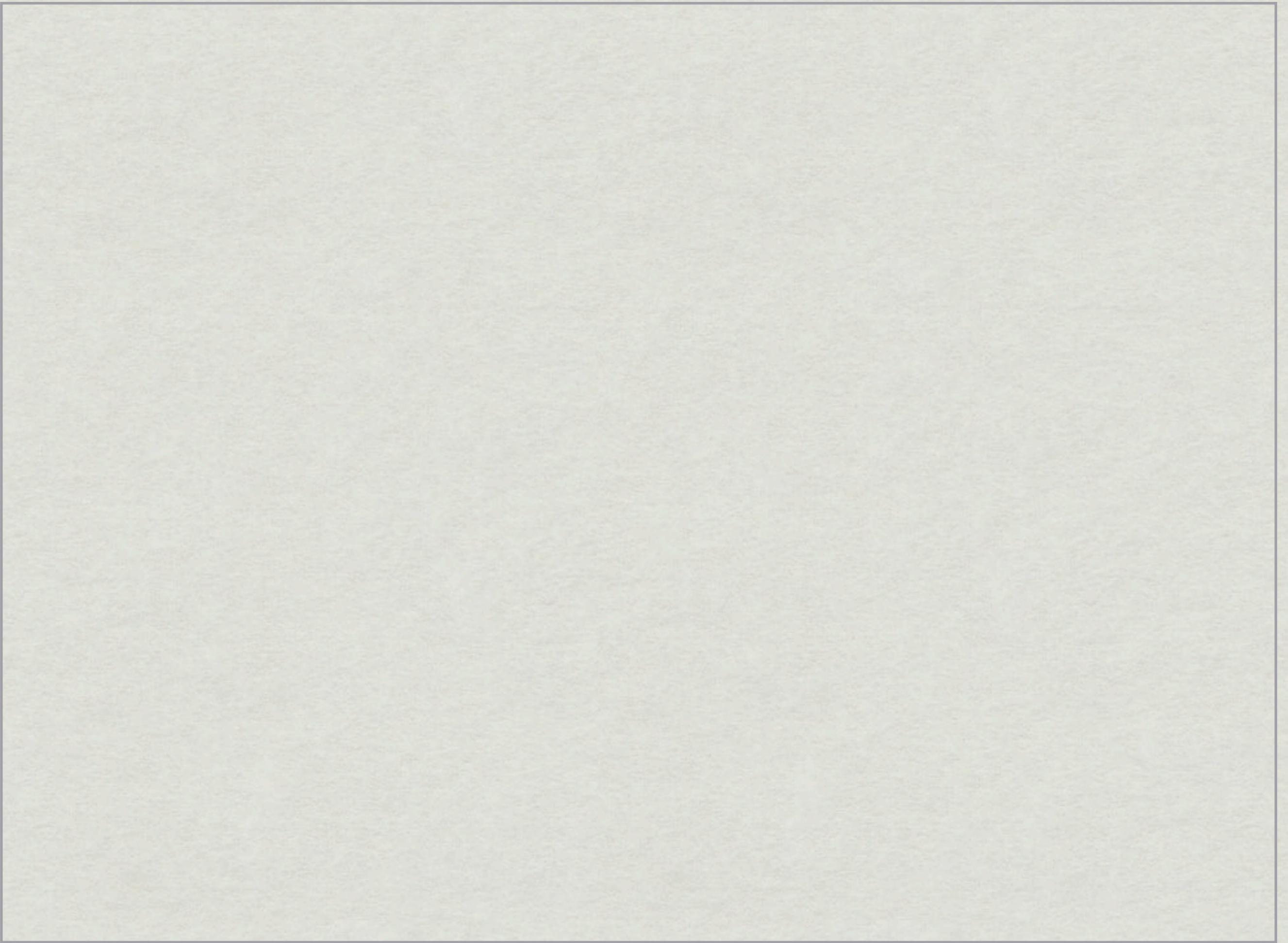
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- **REGENERATES THE SOIL FOOD WEB**



“Knowledge and the study of nature would somehow be weak and incomplete if it were not followed by practical results.”

- Marcus Tullius Cicero

START OF LA MARSH TRIAL - NOTICE POLE TO LEFT

PHOTO TAKEN MAY 6, 2009



START OF LA MARSH TRIAL - NOTICE POLE TO LEFT

PHOTO TAKEN MAY 6, 2009



LA MARSH TRIAL - NOTICE POLE IN CENTER

PHOTO TAKEN SEPTEMBER 9, 2009 - FOUR MONTHS AFTER SINGLE AVGRO APPLICATION



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- **FUNCTIONS IN BOTH SALINE AND FRESH WATER ENVIRONMENTS**

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AvGro Crop/Turf

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- **REDUCES WILTING**
- **PROVIDES ORGANIC PRODUCE OF HIGHER NUTRIENT DENSITY**

Pending Patents

7 patents pending for AvGro formulations



Dr. Justin Cannock - President & Chief Scientific Officer

Contact Information:

RANDY M. LOUP

CEO - AVGRO

LOUP@AVGRO.COM

504-421-7238

MONICA BRANDT

V.P. & MANAGING PARTNER - AVELIS

BRANDT@AVELIS-NUTRITION.COM

312-810-8222

