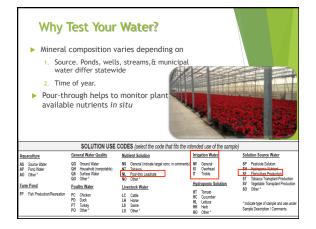
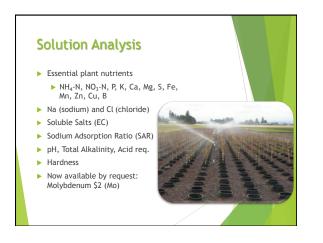


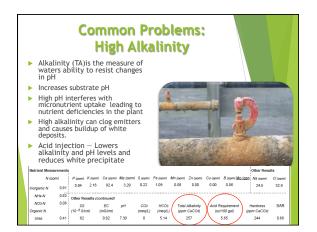
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Agronomic Services Highlights	Agronomic Services	Browse Division
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ver toor in more the series Peak-season Soil Testing Fee - \$4/sample Dec. 1, 2017 - April 1, 2018	Instructions for Par New Credit Card Parametrix Instructions for Online Data Entry for Nonetalization Santala PLAS Account Manage Mr. PLAS Account View Mr. Report, on PLAS - Yor Kr. Report, on PLAS	Solution Analysis Waste/Compost Analysis Ascretions News Releases Publications Starf











	Corr Sodi						ride	e (C	l)				
•	Both are leaves.	e toxic	at hig	h levels	s to rool	ts and	6	Lopes U			Ph.		
×	Can be irrigatio				leaves	so ove	rhead			14	10	No In	
Þ	Interfer drought		water	uptake	e (physic	ologica	il 🛛		74				T
×	Some cr			e sensit	ive thar	other	rs	dis.		12	CONF.		
•	Predict	s the sa io the g	lt haza	ard to th	tio of Na ne plant. c of detr	The h			R.A.		12		N.
Autrient Me	asurements											Other Res	ults
N	(ppm)	P (ppm)	K (ppm)									(ppt Na (ppm)	Cl (ppm)
norganic N	127	3.24	25.5	103	13.4	16.2	0.01	0	0.01	0.03	0.07	828	970
NH4-N	0.29	Other Re	sults (co	ntinued)									\sim
NO3-N Draanic N	127	SS (10 -5 S/c		EC	рH	CO3	HCO3		Alkalinity CaCO3)		equirement 100 gal)	Hardness	SAR
		(10-5/0	mj ((mS/cm)		(meq/L)	(meq/L)	(ppm	CacO3)	(02/	roo gal)	(ppm CaCO3	

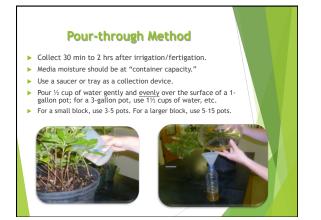


Irrigation Water



Can collect directly from tap or irrigation head. Let the water run for ~5 minutes before collecting the sample.











Media Analysi	is by SME	
Nitrate-N (NO ₃ -N)	Calcium (Ca)	Chloride (Cl)
Ammonium-N (NH ₄ -N)	Magnesium (Mg)	Aluminum (Al)
Phosphorus (P)	Sulfur (S)	рН
Potassium (K)	Sodium (Na)	EC (10 ⁻⁵ S/cm)
Results reported in parts per L) except EC and pH Also micronutrients:		ns per liter (mg/
 And nutrient balance 		
Now available with Molybdenum \$2 (Mo	media analysis & by req) & Bulk Density \$10	uest:

		Ceconin	iene	latior	13	
Greer	nhouse Flori	culture (GHF)		Nu	irsery Crop (NI	JR)
Laboratory	Greenhouse	Greenhouse		Laboratory	Nursery Crop	Nursery Crop
result	Floriculture	Eloriculture		result	Pre-Plant	Post-Plant
	Pre-Plant	Post-Plant		pH	4.0-4.5 (unlimed)	5.0-6.5
рH	5.0-6.5	5.0-6.5			5.0-6.5 (limed)	
EC (10 ⁻⁵ S/cm)	<75	75-350		EC (10 ⁻⁵ S/cm)	<25	70-150
EC (mS/cm)	<0.75	0.75-3.5		EC (mS/cm)	<0.25	0.7-1.5
IN-N (ppm)	<50	40-200		IN-N (ppm)	< 5	40-100
P (ppm)	<20	3-10		P (ppm)	< 5	3-12
K (ppm)	<50	60-250		K (ppm)	<25	10-40
Ca (ppm)	<50	80-400		Ca (ppm)	<25	15-40
Mg (ppm)	<25	30-140		Mg (ppm)	<5	10-20
%NO3-N		8-10%		%NO3-N		8-10%
%NH4-N		<3%		%NH4-N		<3%
%K		11-13%		%K		11-13%
%Ca		14-16%		%Ca		14-16%
%Mg		4-6%		%Mg		4-6%
%CI		<10%		%Cl		<10%
%Na		<10%		%Na		<10%

SAMPLE TYPE (rinde ene / exe instructions) Predictive (\$5) Diagnostic (\$5) Research (\$12) Out of State (\$25)		n Maili	A&CS Agronom ng Address: 104	REPORT #				
		Physical Pho	Address (UPS/F ne: (919) 733-26:	edEx): 4300 Reedy 55 Web Address	Y Creek Road : www.ncagr	, Raleigh NC 27607 gov/agronomi	INITIAL	
FARM	Key & Codes:	Recom	mendations (can be more sp	ecific whe	en this informa	tion is provid	ed.
DAMPLE	¹ Media Production System	tern Code	² Media Typ	2	^a Fertilize	r Type	⁴ Sample	Туре
Grow	GHE - GH Floricultu	ire	PMB = Pea	Moss Based	LIQ - LIC	uld or Fertigatio	on PRE-P	replant
DAMPLE	GHV - GH Vegetable			Bark Based	CRF - C	ontrolled Relea		Postplant
COUNT	NUR - Nursery Crop TOB - Tobacco Tran	PER - Perl OTH - Othe	er	NON - N OTH - O	ther	⁶ <u>Plantin</u> time sinc	g date or	
NUMBE	OTH - Other UNK - Unknown UNK - Unk				nknown	(d, wk, m		
LAS NUM (leave bi	ank) Ci	EDIA MEDIA	TYPE TYPE	CROP (solentific or common re	PLANTING ame) DATE ⁶	CORRESPOND Solution	NG SAMPLE ID Plant	COMMENTS (tertilizer del orop appearance)
		HF PMB	CRF PRE					Add Mo
2	GH1							Add BD
4								AUU DD
5								
5						Additional Commant	or information	
5 6 Key & Co	doo: Recommendation	s can be more	pecific when this	a information is prov	IOCO.	Additional Comments		
¹ Media Pro	oduction System Code ² Media T	<u>1996</u>	^a Fertilizer Typ	e ⁴ Samp	vie Type	Additional Communit		
¹ <u>Media Pr</u> GHF - GI GHV - GI NUR - NI	xiudion System Code ² Media T H Floriculture PMB - Pr H Vegetable PBB - Pr	ype eat Moss Base he Bark Based inte Based	³ Fertilizer Typ d LIQ = Liquid o	e ⁴ Samp r Pertigation PRE - led Release POST				



Soilless Media Sampling Post-plant

Destructive sampling

- Plugs and seedlings
- Remove plug from tray and shake or rub substrate away from plant roots.
- Make a composite of "subsamples" from 5-15 pots.



