

# STANWORTH CROP CONSULTANTS

## FIELD MAN'S QUICK SAMPLE CHECK-IN GUIDE

<b>CROP</b>	<b>SOIL ANALYSIS</b>	<b>PLANT ANALYSIS</b>	<b>GROWTH STAGE</b>
Alfalfa	0-1 ft - N, P, Sp, ECe, K		Preplant
	0-3 inches PO4 only		Established
	0-1 ft K only (SP, EC TOO IF NEW FIELD)		
Bermuda	Preplant - N, P, Sp, ECe	Whole top	Early Season
		TEN	Late Season
Broccoli Cauliflower	Preplant - N, P, Sp, ECe K, Zn	NO3, PO4 (Midrib)	Thinning 5-6 leaf 10-12 leaf Buttoning Pre-harvest
Carrots	Preplant - N, P, Sp, ECe K, Zn	NO3, PO4, K (Petiole)	Early Season Mid Season Late Season Pre-harvest
Corn/ Sweet or field	Preplant N, P, SP, ECe, Zn	(W. top) 3-18 in. NIR-N (Leaf) 18-72 in. NIR-N	Measure crop height (Inches) Tasseling Silking
Cotton	Preplant N, P, Sp, ECe	NO3-N, PO4 (petiole)	Measure crop height (Inches) or plant map
Fallow/GPS	1 <sup>st</sup> ft N, P, Sp, ECe, K, Zn		
	2 <sup>nd</sup> ft Sp, ECe		
	3 <sup>rd</sup> ft Sp, ECe		

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Lettuce	Preplant - N, P, Sp, ECe K, Zn	NO <sub>3</sub> , PO <sub>4</sub> (Midrib)	Thinning 5-6 leaf Rosette (10-12 lf) Heading Pre-harvest
Melons	Preplant - N, P, Sp, ECe	NO <sub>3</sub> , PO <sub>4</sub>	3-4 leaf 5-6 leaf Early runner (18 in) 2 inch fruit Large fruit
Onions	Preplant- N, P, Sp, ECe, K, Zn	NIR-N	Early Season Bulbing
Sudangrass	1.5 ft NO <sub>3</sub> -N 3 ft NO <sub>3</sub> -N	(W. Top)3-18 in. NIR-N (Leaf) 18-72 in. NIR-N (W. Top) Pre-cutting NO <sub>3</sub> -N	Measure crop height (Inches)
Sugarbeets	Preplant N, P, SP ECe 1 <sup>st</sup> foot NO <sub>3</sub> -N 2 <sup>nd</sup> foot NO <sub>3</sub> -N 3 <sup>rd</sup> foot NO <sub>3</sub> -N 4 <sup>th</sup> foot NO <sub>3</sub> -N	NO <sub>3</sub> -N, PO <sub>4</sub> (Petiole)	Planting Thinning Full cover Pre-harvest
Wheat/ Barley	Preplant N, P, SP, ECe	Basal stem NO <sub>3</sub> -N, PO <sub>4</sub>  Boot stage-flag leaf NIR-N	Tillering Jointing  Boot Heading Milk Dough