

WYOMING FFA SOIL JUDGING CONTEST

PART 2

CONTESTANT
NUMBER

FERTILIZER AND SOIL AMENDMENTS

DATA FOR FERTILIZER RECOMMENDATION

SURFACE SOIL TEXTURE	LOAM
SUBSOIL TEXTURE	SANDY LOAM
SLOPE (%)	<1
WATER INFILTRATION RATE (IN/HR)	1.6
ELEVATION (FEET)	4300
PASTE PH	7.4
ELECTRICAL CONDUCTIVITY (DS/M)	4.3
ORGANIC MATTER (%)	2.1
ESTIMATE OF LIME CONTENT	HIGH
PHOSPHATE PHOSPHOROUS (PPM)	6
NITRATE NITROGEN (PPM)	8
AVAILABLE POTASSIUM (PPM)	235
AVAILABLE IRON (PPM)	2.4
AVAILABLE ZINC (PPM)	1.3

CROP TO BE GROWN
IRRIGATION

150 BUSHEL CORN
FULL

COMPLETE THE FOLLOWING

FERTILIZER RECOMMENDATIONS			SCORE	INOCULATE WITH RHIZOBIUM	
SCORE	LBS/ACRE	NUTRIENT		YES	NO
		NITROGEN			
		PHOSPHOROUS (P2O5)			
		POTASSIUM (K2O)			
		IRON		SPECIAL CONSIDERATIONS	
		ZINC		YES	NO
				IF YES, DESCRIBE	