Average yield per Highest yielding crop Lowest yielding crop Region with the Region with the lowest hectare highest yield yield Barley Soybean East South Total yield per rainfall level Average yield by crop per hectare Soil_Type **Crop** ● Soybean ● Cotton ● Wheat ● Rice ● Maize ● Barley 2,8928514... (22,37%) 5,91037... (45,7%) 4,72 Rainfall level Sandy High 4,62 Medium Peaty Loam Low Chalky Average yield 0K 4,13103373... (31,94%) Effect of fertilizer on crop yield Total yield per weather condition **Crop** ● Barley ● Cotton ● Maize ● Rice ● Soybean ● Wheat **Weather** ● Sunny ● Cloudy ● Rainy 5.000 27.94 27,91 27,88 Fotal crop yield in tons otal crop yield in tons Cloudy Sunny Rainv Effect of the temperature on crop yield 3.500 3.500 3.000 3.000 False 10 20 40 Fertilizer used Temperature (Celsius)

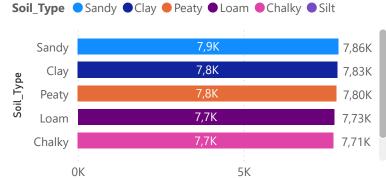
Sum of Yield_tons_per_hectare by Soil_Type and

Cloudy

___ Rainy

□ Sunny

Weather condition



Effect of irrigaiton on crop yield

Sum of Yield tons per hectare

