

	Total plant number	Treatment	No. of plants with brace root development rating* of:					
			0	1	2	3	4	5
<u>Rootless</u>	94	TIBA - 100 micrograms daily	27	27	27	11	3	
<u>Rootless</u>	105	TIBA - 100 micrograms each third day	33	30	23	11	8	
	94	N <sub>6</sub> BZA - 100 micrograms daily	34	34	16	10		
	107	N <sub>6</sub> BZA - 100 micrograms each third day	38	27	28	13	1	
	197	none	79	56	44	11	7	
	100	water (control)	50	19	22	7	2	

Norton H. Nickerson

2. Races of maize in Panama.

Seeds from certain stocks collected in Panama, as noted in last year's Newsletter (Vol. 42), were grown in the Bahamas during the spring of 1968, and internode data on 5 - plant samples of fifteen stocks were obtained. The Bahamas experimental plot is being activated again this year in an attempt to obtain data on those stocks not yet known except from ear collections. The samples collected were analyzed for Fe, Cu, P, K, Ca, Sr, Mg, Mn and Zn by Dr. Jack Gamble of the University of Florida. In general, levels were low and did not vary significantly among the varieties or the locations collected.

Norton H. Nickerson

3. Bahamian Maize.

There are at least two "native" strains of maize in the Bahamas which apparently exhibit drought resistance. One of these appears to be an extreme Chandelle type which we have been able so far to see only in