For 
$$N7j_{k}$$
,

$$|V_{n}(x)| \leq \sum_{j=0}^{n} |a_{j}x^{j}| \sum_{k=n+1}^{\infty} |b_{k}x^{k}|$$

$$+ \sum_{j=n+1}^{\infty} |a_{j}x^{j}| \sum_{k=0}^{\infty} |b_{k}x^{k}|$$

$$\leq Food \sum_{j=n+1}^{\infty} |a_{j}x^{j}|$$

$$= (Food + 600) |a_{j}x^{j}| |a_{j}x^{j}|$$

$$= (Food + 600) |a_{j}x^{j}| |a_{j}x^{j}|$$