and to the influence on the reaction of the soils of CO₂ gas, CO₂ dissolved, CO₃ ion, and HCO₃ ion. It is suggested, however, that since tap water varies greatly and since it is exposed to the air so that its pH is increasing owing to changes upon equilibria between CO₃ HCO₃ ion, and CO₂, KCl/N might be used as a soil solvent.—M. PUFFELES, Government Central Laboratories, Department of Health, Jerusalem, Palestine.

A FERTILIZER TRIANGLE FOR SMALL WHOLE NUMBER FERTILIZER RATIOS

THE limitation of fertilizer grades on some basis of fixed ratios of nitrogen to phosphate to potash has long been approved in principle. The tendency in this direction has received recently an additional impetus through an action taken as a war measure in the Middle Atlantic states. Similar action elsewhere is anticipated. The action provides for the tentative limiting of fertilizers to certain grades that follow a small whole number ratio system.

Fig. 1.—A fertilizer triangle to show the location of small whole number ratios at each intersection of three ratio lines.