

Fertilizers & the Environment

Macronutrients

required in a relatively large proportion for the growth and development of plants

Micronutrients

nutrients required in smaller amounts

Fertilizer

source of plant nutrients used to supply one or more of the essential nutrient elements to the plant

Fertilizer Analysis

grade of the fertilizer

WIN

water insoluble nitrogen

WSN

water soluble nitrogen

Complete Fertilizer

contains the three macronutrients: nitrogen, phosphate and potassium

Incomplete Fertilizer

missing at least one of the major components of nitrogen, phosphate and potassium

Special Purpose Fertilizers

packaged for certain uses or types of plants

Slow Release Fertilizers

release nutrients at a rate which makes them available to the plants over a long period of time

Organic Fertilizers

derived solely from the remains or by-products of a once-living organism

Broadcasting

completed by evenly spreading the recommended rate of fertilizer over the growing area

Foliar Feeding

refers to the application of fertilizers to plant foliage