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Nutrient uptake pattern in various growth stages of watermelon

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ABSTRACT : An experiment was conducted to find the effect of different levels of nutrients through water soluble fertilizers along with Azophosmet and humic acid on nutrient uptake pattern of hybrid watermelon 'Kiran'. Application of 125 per cent of water soluble fertilizers viz., 250:125:125 kg/ha of NPK in addition to Azophosmet and humic acid showed the best performance in almost all the parameters studied in both seasons I and II, as it recorded the highest nitrogen uptake, phosphorus uptake and potassium uptake by plant and it showed an increasing trend from 30th to 75th DAS invariably in all the treatments during both the seasons studied. Control plots showed un-satisfactory results regarding all the parameters.

KEY WORDS : Watermelon, Fertigation and water soluble fertilizer, Azophosmet, Humic acid, Nutrients uptake

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