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Field evaluation of Vigore on Wheat crop.
Department of soil science & agricultural chemistry
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Experiment details :

Year of experiment: Rabi, 2014-15

Experimental design; Randomized Block Design

No. of treatment: 7

No. of Replications: 3

Crop & Variety: Wheat - GW-273

Treatments	Grain yield (kg/ha)	% increase	Straw yield (kg/ha)
T1 – RDF + Vigore 250 g/acre at basal dose	33.4	33.06	46.9
T2 – RDF + Vigore 250 gm/acre at 1st top dressing	31.1	23.9	44.4
T3 – RDF + Vigore 250 gm/acre at basal + 250 g Vigore / acre at 1st top dressing	34.7	38.25	48.6
T4 – RDF + Vigore 250 g/acre at basal + Vigore 1.25 g/ liter Foliar spray at tillering Vigore 1.25 g/ liter Foliar spray at panicle stage.	36.6	45.82	51.2
T5 – RDF + Vigore 250 g/acre at 1st top dressing + 1.25 g/lit. spray at tillering + Vigore 1.25 g/lit. Foliar spray at panicle stage.	35.6	41.83	49.7
T6 – RDF + Vigore 250 gm/ acre at basal + Vigore 250 g/ acre at 1st top dressing + 1.25 g/lit spray at tillering stage + Vigore 1.25 g/lit. spray at panicle stage.	38	51.4	53.4

Conclusion :

Findings of the present experiment conclude that effect of Vigore application in wheat was positive in terms of growth and yield. However, application of Vigore at the rate of 250 g per acre at both basal dose and first 1st top dressing with urea in combination of two sprays of 1.25 g/ liter at tillering and panicle stage of crop along with recommended dose of fertilizers was found superior. The difference in wheat yield among various treatments of Vigore application, top dressing of Vigore @ 250 g/ acre along with urea was found to significant.

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Field evaluation of effectiveness of silicon effervescent tablet – Tabsil on wheat crop.
Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Experiment details:

Block Design.

o. of treatments: 7

No. of replications: 3

Crop & Variety: Wheat – Gw273

Effect of Tabsil along with irrigation water and spray on yield of wheat crop.

Treatments	Grain (q/ha)	% Response	Straw (q/ha)	% Response
T1-Control	31.8		35	
T2-RDF 100% + Silica Tabs 5 Kg/ha	32.6	2.52	36.6	4.63
T3-Tabsil @1.25 kg/ha along with 1st irrigation water + spray @0.5 g/lit. at panicle initiation stage.	32.5	2.34	36.7	4.76
T4-Spray Tabsil @ 0.5 g/lit at 30 days, at panicle initiation stage & at grain filling stage.	32.2	1.47	35.7	1.87
T5-Spray Tabsil @ 1 g/lit. at 30 days, at panicle initiation stage & at grain filling stage.	33.6	5.81	37.4	6.86
T6-Spray Tabsil @ 0.5 g/lit at 30 days & at panicle initiation stage.	34.2	7.69	41.7	19.05
T6-Spray Tabsil @ 1 g/lit at 30 days & panicle initiation stage.	35.1	10.5	42.8	22.22

Conclusion:

The results clearly indicated that the Treatment -7 (T7) Spray Tabsil @ 1g/lit at 30 days + Spray @ 1g/lit at panicle initiation stage have given superior results interms of growth parameters like plant height, , number of effective tillers per plant, number of panicles per plant and yield parameters like grain yield and straw yield.