

Other Hormones

Besides the major categories of hormones, alternatives hormones are used to induce stimulatory responses in plants. Jasmonic acid regulates plant responses under abiotic and biotic stresses, chitosan improves plantlet quality, picloram aids in callus induction and regeneration of plants from calli while phloroglucinol increases shoot formation and somatic embryogenesis.

Other Hormones			
Product Name	Code	Packing	Application
Ancymidol	PCT0837-50MG PCT0837-100MG	50 mg 100 mg	Inhibits gibberellin biosynthesis, increases bud proliferation. Increases fresh weight over dry weight
Chitosan	PCT0817-500G	500 gm	Enhances secondary metabolite production in cell suspensions and calli of various plant species. Improves plantlet quality in vitro, facilitating subsequent acclimatization of plantlets <i>ex vitro</i>
Chlormequat chloride	PCT0824-1G PCT0824-5G	1 gm 5 gm	Inhibits cell elongation leading to formation of thick and sturdy stalks
Daminozide	PCT0838-1G PCT0838-5G	1 gm 5 gm	Stimulates callus formation and plant regeneration from undeveloped ovules
Dikegulac	PCT0832-500MG PCT0832-1G	500 mg 1 gm	Slows down the elongation process of axillary shoots, helps develop lateral shoots
Glyphosate	PCT0835-1G	1 gm	Inhibits shikimate pathway dependent synthesis of the aromatic amino acids tyrosine, tryptophan and phenylalanine at the apices
Jasmonic Acid	PCT0805-100MG PCT0805-250MG	100 mg 250 mg	Regulates plant responses to abiotic and biotic stresses as well as plant growth and development
Malic hydrazide	PCT0818-100G PCT0818-250G	100 gm 250 gm	Used as systemic mitotic inhibitor for the control of axillary buds. Inhibits corn root elongation
Paclo butrazol	PCT0828-10G PCT0828-25G	10 gm 25 gm	Reduces internodal growth, increases root growth, causes early fruit set and increases seed set in plants
Phloroglucinol	PCT0836-25G PCT0836-100G	25 gm 100 gm	Promotes shoot bud induction, reduces phenolic exudation in plants