

RECOMMENDED WORDING FOR SPECIFYING, & RATES FOR APPLYING **Broadleaf P4**

<u>APPLICATION</u>	<u>WORDING/RATES</u>
Pit Planting of Trees	‘Broadleaf P4 water-storing polymer granules to be homogeneously mixed into the planting medium at the rate of 1* gram per litre of planting pocket capacity’. <i>(NB: If P4 is to be pre-blended with a tree-planting compost that will be mixed with soil backfill at a rate of 33¹/₃%, the P4 should be incorporated into the compost at the rate of 3* grams per litre in order to achieve the required rate of 1* gram per litre of pocket capacity. If the compost:backfill ratio is to be 25:75 then the pre-blend rate should be 4* grams of P4 per litre of compost).</i> Root-ball trees: If root-ball trees are to be planted, reduce the amount of P4 to be applied by 25% to allow for the volume of the root-ball.
High Density Planting (ground cover, shrub beds, bedding plants etc)	‘Broadleaf P4 water-storing polymer granules to be applied to the soil at 100* grams per M ² and cultivated in to the top 20 or 30 cms.’
Notch or Slit Planting	‘Broadleaf P4 water-storing polymer to be sprinkled into the open notch or slit at the rate of 2-5 grams per planting station’ <i>(depending upon the size of the plant and/or the notch).</i>
Containerised Stock Planting	‘Excavate a planting pocket double the size of the original pot or container volume and blend Broadleaf P4 water-storing polymer into the planting medium immediately surrounding the root ball at the rate of 1* gram per litre’. <i>(e.g. for a 10 litre container, excavate a 20 litre pocket & blend 10* grams of polymer into the 10 litres of planting medium surrounding the 10 litre root-ball).</i>
Raised Planting Beds, Planting Tubs, Interiorscapes	‘Broadleaf P4 water-storing polymer granules to be homogeneously mixed with the planting medium at the rate of 1* gram per litre of planting medium’
Window Boxes, Hanging Baskets	‘Broadleaf P4 water-storing polymer granules to be homogeneously mixed into the compost <i>(or other growing medium)</i> at the rate of 1.75* grams per litre of compost.’
Turfgrass	<u>Establishment Rate:</u> ‘Apply 20* grams of Broadleaf P4 granules per M ² and cultivate into the top 5 cms. Apply the seed <i>(or turf)</i> and irrigate to field capacity to ensure the soil and P4 are fully charged with water.’ <i>(This rate will ensure quick establishment of seeds or turf).</i> <u>Maintenance Rate:</u> ‘Apply 50* grams of Broadleaf P4 granules per M ² for fine turf, (100* grams per M ² for coarse turf) and cultivate into the top 20 or 30 cms. Apply the seed <i>(or turf)</i> and irrigate to field capacity to ensure the soil and P4 are fully charged with water.’ <i>(This rate will improve establishment and reduce irrigation and fertiliser requirements for the longer term).</i>

***ARID AND SEMI-ARID CONDITIONS:**

Where hot, dry conditions cause very high rates of evapo-transpiration, multiply all the above application rates marked * by the amounts shown in the table below, according to the salinity of the irrigation water:

	Electrical Conductivity of irrigation water in mS/cm ⁻¹ . Approximate Total Dissolved Solids (TDS) in mg/l in brackets		
	<u>4 (2,500)</u>	<u>7 (4,500)</u>	<u>16 (10,250)</u>
Increase above rates marked * by:	x 2	x 3	x 4

WHERE PRODUCT NAME MAY NOT BE USED:

If for any reason you are unable to specify **Broadleaf P4** by name, you may wish to substitute the following wording for the brand name, which will give a very clear description of the product that you wish to be used:

A long-life cross-linked polyacrylamide water storing polymer capable of absorbing up to 400 times its own weight of water, of which over 95% must be plant available.

For further information, advice or assistance please contact

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