



Jiffy7, Jiffy7C & Carefree Pellet Expansion Procedure

In order to reach optimum results for expanding Jiffy pellets, please read the following rules:

- 1) Overhead and bottom irrigation combination will bring optimum and faster expansion to the pellets (the warmer the water, the faster the expansion).
- 2) Ensure pellet production date is less than 12 months; verify control or batch number from packages with your dealer or Jiffy representative.
- 3) Usage of an overhead irrigation system only is not recommended but can be done with a sprinkler nozzle having a large droplet size compared to a mist system in order to bring water rapidly to the bottom of the pellets to achieve uniform expansion.
- 4) Always perform one cycle of overhead irrigation before subirrigation (It is important to break the dry surface tension of the pellet first).
- 5) Jiffy7 and Jiffy7C will expand very well with only subirrigation.
- 6) Carefree pellet expansion will require only temperate water (70F/20C) to achieve fast and complete expansion after only 30 seconds.
- 7) Jiffy7 pellet will need preheated water (approx 100F+/30C+) for optimum expansion results; usage of temperate water will take more time for expansion. Pellets should be allowed to cool below 25C before using pellets, especially cuttings.
- 8) For best results on expansion & quality, add enough water to obtain 5x the dry weight of the pellet then let pellets sit for a small period of time to finish expansion on its own. Then based on netting tension along pellet sides and feeling the pellets for any hard pieces of dry peat, determine if more water is needed to be added.
- 9) After expansion, pellets having a pre-made sticking hole will be filled with water and the hole difficult to see, so center placement of cutting is required.
- 10) For a large operation requiring automation with irrigation & sticking line, Jiffy has designed "Expandomatic machines" that will bring optimum expansion and irrigation to all Jiffy pellets ready to be stucked...consult your Jiffy rep for more detail.
- 11) For more information, please visit www.jiffygroup.com and link to our Automation tab to see our systems in action.