

Table G-5. Preferred Plant-Growing Mix

Note: Osmocote is a slow-release fertilizer. Use a formula that will release nutrients over a period of 8-9 months. **Mixes should be made just prior to seeding.** Plants grown in mixes containing Osmocote must be carefully watered and the temperature must be carefully controlled prior to field planting. When using small cells, reduced Osmocote rates are suggested to control plant height.

Materials	One Cubic Yard (=22 Bushels)	(2 Bushels)
Shredded sphagnum peat moss	11 bu	1 bu (10 gal)
No. 2, 3, or 4 domestic or African vermiculite ¹ or horticultural grade (dust-screened)	11 bu	1 bu (10 gal)
Pulverized limestone - use <i>dolomitic</i> lime for mixes made with <i>domestic</i> vermiculite <i>or</i> - use <i>calcitic</i> lime mixes made with <i>African</i> vermiculite	10 lb <i>or</i> 6 lb	1 lb (1¼ cups) <i>or</i> 9 oz (¾ cup)
- Superphosphate (20% P ₂ O ₅) <i>or</i> - Triple superphosphate (46% P ₂ O ₅)	2½ lb <i>or</i> 1¼ lb	4 oz (½ cup) <i>or</i> 2 oz (¼ cup)
Sulfate or muriate of potash (50%-60% K ₂ O)	½ lb	1 oz (2 tbs)
Osmocote (18-6-12)	4 lb (tomatoes) 8 lb (eggplants) 8 lb (peppers)	6 oz (¾ cup) (tomatoes) 12 oz (1½ cups) (eggplants) 12 oz (1½ cups) (peppers)
Micronutrient mix	Use according to manufacturer recommendations	
Wetting agent (such as Aqua-Gro granular)	1½ pt	1 oz (4 tbs)

¹Vermiculite should be approximately pea-sized and relatively free of fines and dust. Final mix should have a pH of 6.0-6.5.