

Table 2. Fertilizer application rates by fruit crop. Rates are given for each appropriate fertilizer; use only one fertilizer for each application. Rates are given for MATURE plants; refer to specific Fact Sheets for application rates for young plants.

Crop	Application	Actual Nitrogen Required	Nitrogen Source						Comments
			Ammonium Sulfate	Sulfur-coated urea	Urea	Blood Meal	Cottonseed Meal	Ammonium Nitrate ²	
			21% N	36% N	46% N	12% N	7% N ¹	34% N	
Strawberry	Fall	0.50 lb/ 100-foot row	2.5 lb/ 100-foot row	1.5 lb/ 100-foot row	1 lb/ 100-foot row	4 lb/ 100-foot row	7 lb/ 100-foot row	1.5 lb/ 100-foot row	
Blueberry	1st Application	0.65 oz/plant	3 oz/plant	2 oz/plant	1.5 oz/plant		9 oz/plant		Blueberries prefer nitrogen in an ammonium form rather than a nitrate form; use only recommended fertilizers.
	2nd Application	0.65 oz/plant	3 oz/plant	2 oz/plant	1.5 oz/plant		9 oz/plant		
	3rd application	0.65 oz/plant	3 oz/plant	2 oz/plant	1.5 oz/plant		9 oz/plant		
Brambles	1st Application	0.4 oz/plant	2 oz/plant	1 oz/plant	0.9 oz/plant	3.3 oz/plant	5.7 oz/plant	1.2 oz/plant	
	2nd Application	0.4 oz/plant	2 oz/plant	1 oz/plant	0.9 oz/plant	3.3 oz/plant	5.7 oz/plant	1.2 oz/plant	
Grape	Spring	2 oz/plant	9.5 oz/plant	5.5 oz/plant	4.3 oz/plant	1 lb/plant	1.75 lb/plant	6 oz/plant	Grapes feed heavily on potassium and phosphorous. Conduct regular soil tests to assess availability of these nutrients.
Kiwi	1st Application	1.8 oz/plant	8.5 oz/plant	5 oz/plant	4 oz/plant	15 oz/plant	1.6 lb/plant	5 oz/plant	Apply 8 oz potassium sulfate at each application; Conduct soil test to monitor soil pH (5-6.5 ideal) and ensure adequate phosphorous is available.
	2nd Application	1.8 oz/plant	8.5 oz/plant	5 oz/plant	4 oz/plant	15 oz/plant	1.6 lb/plant	5 oz/plant	
Gooseberry	Spring	0.6 oz/plant	3 oz/plant	1.7 oz/plant	1.3 oz/plant	5 oz/plant	9 oz/plant	1.8 oz/plant	Avoid fertilizers containing muriate of potash (potassium chloride - KCl).
Passionfruit	1st Application	0.25 lb/plant	1.2 lb/plant	0.7 lb/plant		2 lb/plant		0.7 lb/plant	Adjust nitrogen according to growth; excess nitrogen reduces fruit set. Watch for deficiencies in potassium and calcium.
	2nd Application	0.25 lb/plant	1.2 lb/plant	0.7 lb/plant		2 lb/plant		0.7 lb/plant	
	3rd Application	0.25 lb/plant	1.2 lb/plant	0.7 lb/plant		2 lb/plant		0.7 lb/plant	
Elderberry	Spring	0.35 lb/plant	1.7 lb/plant	1 lb/plant	0.75 lb/plant	3 lb/plant	5 lb/plant	1 lb/plant	Adjust nitrogen according to growth.

¹ Formulations of cottonseed meal vary, nitrogen content is typically around 7%.

² Regulation of ammonium nitrate is making this fertilizer harder to find.