

Garden and Houseplant Recommendations

AgroVantage® System Products

General Application Rates

Product	Application	Application Rate**
Seed Treatments:		
Amplify-D® Seed Emergence Aid	Apply to seed before planting	Apply ½ to 1 teaspoon per 1 pound of seed.
Soil Amendments:		
Super Cal 98G (lime)	Broadcast before planting For use on acid/low pH soils.	Apply 10-50 pounds per 1,000 square feet.
Sup Cal SO4 (gypsum)	Broadcast before planting For use on alkaline/high pH soils.	Apply 10-50 pounds per 1,000 square feet.
Nitrogen Management:		
Premium Plus 21-0-6-4S	Broadcast before planting or side-dress	Apply 1 quart per 1,000 square feet for every 20 pounds of nitrogen recommended per acre on the AgroVantage soil test general recommendations.
Adjuvants:		
Wex® Multi-Purpose Wetting Agent	Broadcast before planting and incorporate into soil	Apply ½ to 1 ounce per 1,000 square feet.
Rain-Fast® New Technology Wetting Agent	Apply with pesticides according to pesticide label	Depending upon pesticide labels, apply 0.06 to 0.12 ounces with each gallon of water. Follow pesticide labels carefully for specific use recommendations with herbicides.
Plant Growth Regulators:		
X-CYTO Soil	Broadcast before planting (vegetable and flower beds)	Apply at the rate of 10 to 30 cc (1/3 to 1 ounce) per 1,000 over the soil or seed furrow and incorporate before planting. May be applied with recommended rate of pre-plant fertilizer. See the X-CYTO soil application guide for complete details.
	In seed furrow or side dress	Apply at the rate of 0.2 to 0.3 cc per 10 feet of row. May be applied in combinations with recommended rate of fertilizer. DO NOT APPLY FERTILIZER IN DIRECT CONTACT WITH THE SEED OF SENSITIVE CROPS OR PLANTS. See the X-CYTO soil application guide for complete details.
	Transplant use	Apply in transplant water at the rate of 4.8 cc in one gallon of water. May apply with recommended rate of fertilizer. See the X-CYTO soil application guide for complete details.
	Nursery and container use	Apply to container-grown plants at the rate of 4.8 cc in one gallon of water as a soil drench. Water containers thoroughly, but not to the point of excessive runoff. Repeat applications at intervals of one to four weeks. See the X-CYTO soil application guide for complete details.
Foliar X-CYTO®	Transplant use	Apply prior to transplanting in a single application of 4.8 to 38.4 cc in one gallon of water. Mist leaves thoroughly with the spray, but not to the point of excessive runoff. See the X-CYTO foliar application guide for complete details.
	Nursery and container use	Apply to container-grown plants at the rate of 4.8 to 38.4 cc in one gallon of water at intervals of one to four weeks. Mist leaves thoroughly with the spray but not to the point of excessive runoff. See the X-CYTO foliar application guide for complete details.

Product	Application	Application Rate**
Fertilizer:		
Feast® Liquid Plant Food 9-18-9* or 3-18-18*	Broadcast before planting (vegetable and flower beds)	Apply 1 to 2 quarts per 1,000 square feet with a sprinkling can or sprayer. Fertilizer does not have to be diluted but can be if it makes application easier. Work into soil (4" to 6").
	Seeding (vegetable gardens)	Dilute 1 to 2 ounces (2 to 4 tablespoons) of fertilizer in one gallon of water. Use the higher rate for leafy vegetables, the lower rate for flowers and low plants. Apply one quart of solution for each 10 to 12 feet of row. Place the fertilizer 3 to 4 inches from the seed, in continuous bands 3 to 4 inches deep.
	Sidedressing (After plants are up)	Dilute 2 to 4 ounces (1/4 to 1/2 cup) of fertilizer in one gallon of water. Use 1 quart of solution for each 10 to 12 feet of row or between 1 to 2 cups of solution around the root zone of individual plants (like tomatoes). Can be applied about once a month until fruiting (or until harvest with leafy vegetables).
	Transplanting vegetables and bedding plants	Dilute 1/2 ounce (1 tablespoon) of fertilizer in one gallon of water. Use about 1/2 to 1 cup of solution in each transplanting hole (use the higher rate for larger plants), then water liberally with plain water. Never apply undiluted Feast directly to the bare roots of any plant in this application.
	Foliar feeding (growing outdoor plants)	Dilute 1/2 to 1 ounce (1 to 2 tablespoons) of fertilizer in one gallon of water. Thoroughly apply to the foliage of plants every two to four weeks but not to the point of excessive run-off. Best to apply in the evening.
	Houseplants	Dilute 1/2 ounce (1 tablespoon) of fertilizer in one gallon of water. Use solution for watering plants once or twice per month. For sensitive plants such as African violets or azaleas, use 1-teaspoon of fertilizer to one gallon of water and use for watering once per month.
Feast® Side-Kick*	Broadcast before planting	Apply 1 to 2 pints per 1,000 square feet with sprinkling can or sprayer. Fertilizer does not have to be diluted but can be if it makes application easier. Work into soil (4" to 6"). Can be combined with 9-18-9 or 3-18-18 applications.
	Seeding	Dilute ½ oz. of fertilizer in one gallon of water. Use the higher rate for leafy vegetables, the lower rate for flowers and low plants. Apply one quart of solution for each 10 to 12 feet of row. Place the fertilizer 3 to 4 inches from the seed, in continuous bands 3 to 4 inches deep.
	Sidedressing (after plants are up)	Dilute ½ to 1 ounce of fertilizer in one gallon of water. Use 1 quart of solution for each 10 to 12 feet of row or between 1 to 2 cups of solution around the root zone of individual plants (like tomatoes). Can be applied about once a month until fruiting (or until harvest with leafy vegetables).
	Transplanting vegetables and bedding plants	Dilute ½ ounce (1 tablespoon) of fertilizer in one gallon of water. Use about 1/2 to 1 cup of solution in each transplanting hole (use the higher rate for larger plants), then water liberally with plain water. Never apply undiluted Feast directly to the bare roots of any plant in this application.
	Foliar feeding (growing out- door plants)	Dilute 1/2 ounce (1 tablespoon) of fertilizer in one gallon of water. Thoroughly apply to the foliage of plants every two to four weeks, but not to the point of excessive run-off. Best to apply in the evening.
<p>* To obtain maximum benefit from Feast products, a soil test and/or tissue analysis is recommended. Contact: Midwest Laboratories, Inc. 13611 "B" Street Omaha, Nebraska 68144 402-334-7770</p> <p>The general rates suggested for fertilizer may vary from recommendations made based on soil tests or tissue analysis. Feast 3-18-18 may be the preferred analysis for some crops and soils.</p>		
<p>** For more detailed application recommendations refer to the product labels or application guides.</p>		

For More Information, Contact

CONKLIN AgroVantage[®]
SYSTEM

AgroVantage is part of the family of Conklin products which save fuel, energy, time and money. Save more, earn more, live better with Conklin products and your own Conklin business.