

## -APPLICATION RATES- FERTI-NITRO PLUS PLANT NITROGEN

**Dilution Rate:** Foliar Spray: 1: 1500-1800  
**Hydroponic rate/gallon:** up to 1 tsp.  
**Foliar/gallon:** up to 1 oz.

Drip Irrigation: 1: 4000      Drench: 1: 4000  
**Irrigation system:** ½ to 1lb per acre  
**Soil/gallon:** up to 4oz.

Vegetables	Recommended application rate: 1 -5lbs / acre (will vary by crop)			
	First	Second	Third	Optional
melon, eggplants, pepper, squash, etc.	six leaf stage	early bloom	first fruit set	four weeks later
bean, peas	six leaf stage	first bloom	first pods	
broccoli, cabbage, cauliflower	six true leaf stage	three weeks later	head initiation	
cucumbers, cucurbits	six-leaf stage	just prior to bloom	whilst picking	
maize, sweet corn	six-leaf stage	55-75cm/20-30 inch growth	just prior to tasseling	
leek, onions, carrot, turnips	2-3 weeks after emergence	root enlargement	every two weeks until harvest	
potatoes	six leaf stage	when tuber approx. pea size	early bloom	bulking up
tomato (fresh fruit market)	six leaf stage	early bloom	whilst picking	after 2 weeks

Fruit	Recommended application rate: 1 -5lbs / acre (will vary by crop)				
	First	Second	Third	Fourth	Optional
grapes	20-30cm cane	45-60cm cane	full blooming date	berry set/early shattering	3 weeks later
apples/pears	green tip	pre-bloom pink bud	full blooming date	early fruit formation	every 3weeks
citrus	early bloom	petal fall	with summer spray	with fall spray	every 3weeks
bananas	plant emergence	adequate leaf size	fruit half size	3 weeks later	every 3weeks
strawberry & other berries	just after transplant	prior to bloom	whilst picking	3 weeks later	every 3weeks
stone fruit	bud burst	petal fall	4 weeks later	3 weeks later	every 3weeks
plums, cherries	pink white bud	full bloom	early fruit formation	3 weeks later	every 3weeks

**\*Data is solely for guidance purposes. Application rates will vary due to climate, frequency, soil, etc. We encourage users to conduct their own testing best suited for their crop under their conditions and environments.**

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Economic crop	Recommended application rate: 1 -5lbs / acre (will vary by crop)			
	First	Second	Third	Optional
cotton	seedling stage	the stage of flower emergence	fully bloom	every 4 weeks
oilseed crops	before reproductive growth stage	at height of flowering	every 4 weeks	
tobacco	early post emergence	after every leaves picked	early bloom	every 4 weeks
hops	early post emergence	five weeks later	every 4 weeks	
lucerne	after each cut after each cut			

Cereals	Recommended application rate: 1 -5lbs / acre (will vary by crop)		
	First	Second	Optional
winter wheat and oats	first node	flag leaf	after any environmental stress
winter (malting) barley	early post emergence	after any environmental stress	
spring wheat and oats	1-3 tillers	first node	flag leaf and after any environmental stress
spring (malting) barley	1-3 tillers	first node	flag leaf and after any environmental stress
corn	at 2-6 leaf stage	at 50-75 cm. growth	just prior to tasseling

Plant	Foliar Application
Turf: 800-1200grams /acre	1.Recommended to apply "little and often", once or twice a month throughout the year 2.Regular applications to greens and tees are especially beneficial 3. Applied as bio-stimulant to increase the number and activity of micro-organism. This will improve grass growth and help reduce soil borne disease symptoms in the turf. 4.Tillering will also be increased but, without excessive top growth
golf courses	
greens: 800-1200 grams /acre) fairways: 400-600 grams/acre)	

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