Greenhouse/Nursery Fertilizers

Controlled Release Fertilizers – For Greenhouses, Nurseries, and Landscapes

PLANTPRODUCTS®

Even-Spray is very pleased to offer the very best and complete range of controlled-release fertilizers to suit your entire greenhouse, nursery, and landscape needs. Whether the application is greenhouse containers such as hanging baskets, trees or shrubs grown in containers or the field, or the perfect landscape setting, Even-Spray has the product for you. We offer both topdress and soil incorporation fertilizers depending on your application in a range of release rates, with and without micronutrient packages. Call us to discuss your needs!

Nutricote – The World's Most Consistent Controlled-Release Technology

Nutricote®

Nutricote 14-13-13 Type 100

Nutricote is the world's most predictable controlled release technology available. The unique and pliable resin coating used allows for very safe and predictable release characteristics.

Nutricote 14-13-13 Type 100 is well suited for Manitoba and Northwest Ontario greenhouse and nursery fertilizer programs because of its release period of approximately 100 days.
20 Kilogram bag.

Qualities:
- *Use on flowers, vegetables, and other crops.*
- *Excellent for low-soil or soilless mixes*
- *Coating will not crack from freezing*

Application Guide:

	Low	Med.	High
Incorporation Rate (kg / m³)	2.5	5.0	8.0

Low Rate Crops: Bedding Plants, Greenhouse Vegetables, Forestry Seedlings, Rhododendron, Azalea, Ferns, Orchids, African Violets.

Medium Rate Crops: Nursery Crops, cut Floral crops.

High Rate Crops: Most pot crops.

We advise that additional sources of Calcium, Magnesium, and Micronutrients be used in conjunction with Nutricote 14-13-13 Type 100.

If you require a Nutricote product with Micronutrients, we recommend 13-11-11 Nutricote "Total", please inquire.

Unique Nutricote Qualities:

Based primarily on temperature, the release rate of a specific coating Type (i.e. Type 100) is highly predictable. For example at a constant temperature of 25ºC (77ºF), Type 100 coating will release 80% of its nitrogen evenly over a 100-day period. Cooler temperatures lengthen release and warmer temperatures shorten it. Moisture, pH, soil type, and microbial activity do not influence release significantly.

- *High Nitrate Nitrogen Content*
- *True control of nutrient release by temperature*
- *Minimal nutrient loss from excessive release*
- *Highest degree of crop safety*
- *Release Types from 40 to 360 days (@25ºC)*

ACERnt – Acer Economy and Nutricote Technology Blended into One Fertilizer

acernt BLENDED WITH NUTRICOTE TECHNOLOGY

ACERnt 13-12-12

Designed for greenhouse hanging baskets, ACERnt 13-12-12 can be used in different applications where a balanced N-P-K fertilizer is required for topdress or soil incorporation. Can be used as a part of a complete fertility program with Plant Prod soluble fertilizers or as a stand-alone product.
20 Kilogram bag.

Qualities:
- *High Nitrate formula; safe for greenhouse use*
- *Topdress or incorporate versatility*
- *Controlled-release micronutrient package*
- *3 – 4 Month Release Rate*
- *Performance & Value in one product*

Application Guide:

		Low	Med.	High
Incorporation Rate (kg / m³)		2.5	4.5	6.5
Topdress Rate				
Container SIZE	Container VOLUME			
5" std. Pot	0.95L	2 g	5 g	7 g
6" std. Pot	1.7L	4 g	8 g	12 g
1 gallon	2.5L	6 g	12 g	20 g
2 gallon	5.5L	15 g	25 g	40 g
3 gallon	9.5L	25 g	45 g	70 g
5 gallon	15L	35 g	75 g	110 g
7 gallon	37L	50 g	100 g	150 g

If using water-soluble fertilizer, reduce the rate of ACERnt 13-12-12 by half.

Product Analysis:

Total Nitrogen (N)	13%
Available Phosphoric Acid (P_2O_5)	12%
Soluble Potash (K)	12%
Magnesium (Mg)	0.4%
Boron (B) (actual)	0.062%
Copper (Cu) (actual)	0.068%
Iron (Fe) (actual)	0.493%
Manganese (Mn) (actual)	0.146%
Molybdenum (Mo) (actual)	0.005%
Zinc (Zn) (actual)	0.193%

OTHER POPULAR ACERnt FORMULAS:
- 17-7-10 Short Season Incorporated
- 17-7-10 One Season Incorporated
- 19-4-12 Topdress

Multicote NPK Pro – Optimal Plant Development in a Single Application with Minimized Loses

Multicote®

Multicote NPK Pro 18-6-12

Multicote NPK Pro 18-6-12 homogeneous fertilizer is intended for topdress or incorporation applications designed to release over a 2 - 6 month period, depending on soil temperatures. This premium formula can be used in short term nursery stock, colour crops, and in landscape settings where a high nitrogen fertilizer is needed. 25 Kilogram bag.

Qualities:
- *High Nitrate Topdress or Incorporation formula*
- *Nutrient release dictated by soil temperatures only*
- *No salt accumulation in soils; low leach & volatility*
- *4 Month Average Release Rate*

Application Guide:

		Low	Med.	High
Incorporation Rate (kg / m³)		1.5	3.6	5.6
Topdress Rate				
Container SIZE	Container VOLUME			
5" std. Pot	0.95L	1 g	3 g	5 g
6" std. Pot	1.7L	3 g	6 g	10 g
1 gallon	2.5L	4 g	9 g	14 g
2 gallon	5.5L	8 g	19 g	31 g
3 gallon	9.5L	14 g	34 g	54 g
5 gallon	15L	23 g	54 g	86 g
7 gallon	37L	32 g	78 g	123 g

Product Analysis:

Total Nitrogen (N)	18%
Nitrate Nitrogen	5.5%
Ammoniacal Nitrogen	7.0%
Urea Nitrogen	5.5%
Available Phosphoric Acid (P2O5)	6.0%
Soluble Potash (K)	12.0%
Magnesium (Mg)	1.0%
Boron (B) (actual)	0.025%
Sulphur (S)	6.0%
Copper (Cu) (actual)	0.045%
Iron (Fe) (actual)	0.38%
Manganese (Mn) (actual)	0.06%
Molybdenum (Mo) (actual)	0.008%
Zinc (Zn) (actual)	0.6%

Greenhouse/Nursery Fertilizers

Plant-Prod MJ™

The A-B SYSTEM

Typical A-B systems separate calcium/magnesium containing formulations and phosphorus containing formulations. Consider Cal-Kick as your constant Part A, and the stage specific formulations, Boost, Grow, Bloom and Finisher as your Part B.

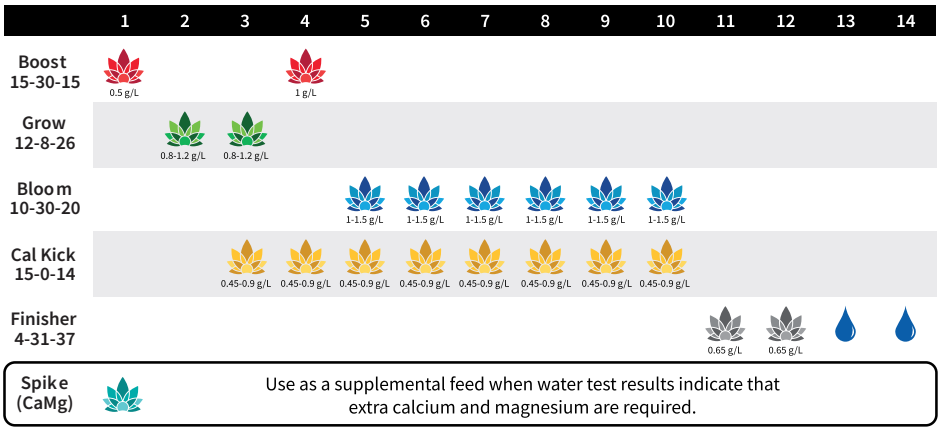
Complete Nutrient programs are broken into two parts due to product incompatibilities. Solubility of products and nutrient availability are affected when two incompatible products are combines and react to form insoluble compounds.

Concentrations of these products in dilution will affect the chance and severity of these reactions, which is why you may not see them in low concentration liquid feeds. Each Plant-Prod MJ formulation contains a complete micronutrient package to ensure no micronutrient deficiencies.

MJ Cal-Kick, Bloom, Boost, Grow, Finisher available in 2kg and 15kg container sizes.

MJ-Spike available in 350g or 10KG container sizes.

See the recommended application program below.



To see the complete Plant-Prod MJ Production Program click here:
https://www.plantprod.com/wp-content/uploads/2018/07/Plant-Prod-MJ-Crop-Program.pdf

Plant Prod Fertilizer Rate Chart for Dosatron® Injectors

	Grams of Plant Products Fertilizer per Litre of Concentrate								
	100 ppm Nitrogen			150 ppm Nitrogen			200 ppm Nitrogen		
Injector Ratio:	1:50	1:100	1:200	1:50	1:100	1:200	1:50	1:100	1:200
Plant Prod 15-0-15, 15-15-18, 15-30-15, 15-15-30, Solutions 15-0-20	34	67	133	50	100	200	67	133	266
Plant Prod Solutions 18-9-18, Plant Prod 18-6-20	28	56	111	42	83	167	56	111	222
Plant Prod 20-20-20, 20-8-20, 20-5-30	25	50	100	38	75	150	50	100	200
Plant Prod 14-0-14	36	71	143	54	107	214	71	143	286
Plant Prod Solutions 17-5-17C	29	59	118	44	88	177	59	118	235
Plant Prod 12-2-14, 12-0-44	42	83	167	63	125	250	83	167	335
Plant Prod 21-7-7	24	48	95	36	71	143	48	95	190
Plant Prod 28-14-14	18	35	70	27	55	105	35	70	140

How To Use This Chart:

1. Pick the Plant Products fertilizer and choose the desired Parts per Million (ppm) of Nitrogen required.
2. Determine the injector ratio of your Dosatron (1:50 = 2.0%; 1:100 = 1.0%; 1:200 = 0.5%).
3. Add the required amount of fertilizer per litre of water into your stock tank solution as indicated.

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Not Using An Injector?

Here's the formula to determine your own Parts per Million Nitrogen:

$$\frac{\text{Grams of fertilizer product}}{\text{Litres of water in solution}} \times \text{grade of fertilizer} \times 10 = \text{ppm}$$

For Example, Using Plant Prod 20-8-20:

$$\frac{\text{1 Gram of 20-8-20}}{\text{100 Litres of Water}} \times \text{20 (grade of fertilizer)} \times 10 = \text{2 ppm}$$

Common Antagonisms Occurring in Crops

Nutrient in Excess	Induced Deficiency
N	K
K	N, Ca, Mg
Na	N, Ca, Mg
Ca	Mg
Mg	Ca
Ca	B
Fe	Mn
Mn	Fe