



Plant food for professional use



HI-COTE Advance Controlled Release Fertilizer

Granules with macro- and micro-nutrients surrounded by a polymer coating developed to be more sustainable and environmentally friendly.

The pliable coating allows the granule to withstand temperature changes and exposure to weather without compromising the integrity of the coating.

Longer longevities mean reduced applications, saving time, money, and labor on buying, storing, or applying fertilizer.

HI-SPEED

Water Soluble Fertilizer

Chlorine-free water-soluble granules with micro-nutrients for maximum nutrition for immediate plant needs.

Dust-free, anti-caking, and easy to handle granule means less mess and wasted product.



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HI-COTE Advance

	Types	Bag Wt	Pallet Qty	Pallet Dim	Pallet Wt
14-14-13	100/180/270	50 lbs	40	44"x44"x33"	2050 lbs
19-4-12	100/180/270/360	50 lbs	40	44"x44"x33"	2050 lbs

14 14 13

100 days

180 days

270 days

Guaranteed Analysis

Nitrogen (N) 14%

8% Nitrate Nitrogen

6% Ammoniacal Nitrogen

Available Phosphate (P₂O₅) 14%

Soluble Potash (K₂O) 13%

Magnesium (Mg) 1.2%

0.5% Water Soluble Magnesium

Sulfur, Total (S) 3.0%

3.0% Sulfur, Combined (S)

Boron, Total (B) 0.05%

Iron (Fe) 0.10%

Manganese (Mn) 0.05%

Zinc (Zn) 0.20%

19 4 12

100 days

180 days

270 days

360 days

Guaranteed Analysis

Nitrogen (N) 19%

10% Nitrate Nitrogen

9% Ammoniacal Nitrogen

Available Phosphate (P₂O₅) 4%

Soluble Potash (K₂O) 12%

Magnesium (Mg) 1.2%

0.5% Water Soluble Magnesium

Sulfur, Total (S) 3.0%

3.0% Sulfur, Combined (S)

Boron, Total (B) 0.05%

Iron (Fe) 0.10%

Manganese (Mn) 0.05%

Zinc (Zn) 0.20%

HI-SPEED

	Bag Wt	Pallet Qty	Pallet Dim	Pallet Wt
17-17-16	25 lbs	80	44"x44"x33"	2050 lbs
22-5-14	25 lbs	80	44"x44"x33"	2050 lbs

22 5 14

Guaranteed Analysis

Nitrogen (N) 22%

12% Nitrate Nitrogen

10% Ammoniacal Nitrogen

Available Phosphate (P₂O₅) 5%

Soluble Potash (K₂O) 14%

Sulfur, Total (S) 8.0%

8.0% Sulfur, Combined (S)

Boron, Total (B) 0.08%

Zinc (Zn) 0.06%

17 17 16

Guaranteed Analysis

Nitrogen (N) 17%

10% Nitrate Nitrogen

7% Ammoniacal Nitrogen

Available Phosphate (P₂O₅) 17%

Soluble Potash (K₂O) 16%

Sulfur, Total (S) 5.0%

5.0% Sulfur, Combined (S)

Boron, Total (B) 0.08%

Zinc (Zn) 0.06%

HI-SPEED 22-5-14							
PPM	50	100	150	200	300	400	
Ounces of fertilizer required per gallon of concentrate							
Injector Ratios	1:15	0.44	0.87	1.31	1.75	2.62	3.49
	1:50	1.46	2.91	4.37	5.82	8.73	11.64
	1:100	2.91	5.82	8.73	11.64	17.46	23.28
	1:200	5.82	11.64	17.46	23.28	34.92	46.56
	1:300	8.73	17.46	26.19	34.92	52.38	69.84
EC (mmhos/cm +/- 10%)	0.34	0.70	1.10	1.45	2.13	2.84	

HI-SPEED 17-17-16							
PPM	50	100	150	200	300	400	
Ounces of fertilizer required per gallon of concentrate							
Injector Ratios	1:15	0.59	1.18	1.77	2.36	3.54	4.72
	1:50	1.97	3.93	5.90	7.86	11.79	15.72
	1:100	3.93	7.86	11.79	15.72	23.58	31.44
	1:200	7.86	15.72	23.58	31.44	47.16	62.88
	1:300	11.79	23.58	35.37	47.16	70.74	94.32
EC (mmhos/cm +/- 10%)	0.48	1.00	1.59	2.14	3.24	4.35	

State Registrations (Current and Pending)

Product	Grade	AL	AK	CA	DC	FL	GA	HI	LA	MS	MO	NC	OK	OR	SC	SD	TN	TX	UT	WA
HI-COTE ADVANCE (100)	NPK 14-14-13	✓	✓	!	✓	!	✓	✓	✓	✓	!	✓	!	!	✓	✓	✓	✓	!	!
HI-COTE ADVANCE (180)	NPK 14-14-13	✓	✓	!	✓	!	✓	✓	✓	✓	!	✓	!	!	✓	✓	✓	✓	!	!
HI-COTE ADVANCE (270)	NPK 14-14-13	✓	✓	!	✓	!	✓	✓	✓	✓	!	✓	!	!	✓	✓	✓	✓	!	!
HI-COTE ADVANCE (100)	NPK 19-4-12	✓	✓	!	✓	!	✓	✓	✓	✓	!	✓	!	!	✓	✓	✓	✓	!	!
HI-COTE ADVANCE (180)	NPK 19-4-12	✓	✓	!	✓	!	✓	✓	✓	✓	!	✓	!	!	✓	✓	✓	✓	!	!
HI-COTE ADVANCE (270)	NPK 19-4-12	✓	✓	!	✓	!	✓	✓	✓	✓	!	✓	!	!	✓	✓	✓	✓	!	!
HI-COTE ADVANCE (360)	NPK 19-4-12	✓	✓	!	✓	!	✓	✓	✓	✓	!	✓	!	!	✓	✓	✓	✓	!	!
HI-SPEED	17-17-16	✓	✓	✓	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	!
HI-SPEED	22-5-14	✓	✓	!	✓	!	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	!

*Registration status as of August 15, 2020