



3 Tier Technologies



REGENERATIVE NUTRIENT & SOIL TECHNOLOGIES™

•CLEANSE SOIL IMPURITIES •RESTORE MICROBIAL BALANCE •NATURAL DISEASE SUPPRESSION •ACTIVATED NUTRIENT DELIVERY

2009 7-Month Athletic Field Protocol Mechanical Applications

1st Application:

Blue XL W/Bio-Cat Booster
Huma-MnFe

4.5 Oz/1000 – 1.5 Gal/Acre
2.25 Oz/1000 – 96 Oz/Acre

2nd Application:

Growth XL W/Bio Cat Booster
Huma-MnFe

4.5 Oz/1000 – 1.5 Gal/Acre
2.25 Oz/1000 – 96 Oz/Acre

3rd, 4th, & 5th Application:

Nitro - Grow XL W/Bio-Cat Booster
Huma-MnFe

6.0 Oz/1000 – 2.0 Gal/Acre
2.25 Oz/1000 – 96 Oz/Acre

6th Application:

Growth XL W/Bio-Cat Booster
Huma-MnFe

4.5 Oz/1000 – 1.5 Gal/Acre
2.25 Oz/1000 – 96 Oz/Acre

7th Application:

Blue XL W/Bio-Cat Booster
Huma-MnFe

4.5 Oz/1000 – 1.5 Gal/Acre
2.25 Oz/1000 – 96 Oz/Acre

Tips:

- For high traffic areas like the center of football and soccer fields, outfielder positions and infield grass, a double application of each treatment is recommended. For highly used fields all year, summer applications should be three weeks apart and may require one additional application per season.
- Immediate water after application is not required or needed. Allow 3 Tier products to dry on the plant for 4 to 6 hours before irrigation. Apply granular fertilizers (If Needed) separate from 3 Tier products so applications can be watered in after application.
- NBN products are guaranteed not to burn after application.
- For best results, inject 3 Tier nutrient products through your irrigation system. For injection programs and equipment contact 3 Tier or your authorized 3 Tier Distributor.
- Use **Blue XL** whenever seed/sod/renovation is done for rapid establishment and repair

The above mentioned program is simply a guideline. 3 Tier prefers to review your current programs to ensure that the same quality and value is achieved by every client. Contact your local 3 Tier Distributor or 3 Tier's agronomist, Daniel Burdette, at dburdette@3tiertech.com or by phone at 877-710-6953.

For Specific Rates and Applications, Contact Daniel J Burdette
3 Tier Technologies LLC

dburdette@3tiertech.com, Phone: 877-710-6953



2009 7-Month Athletic Field Protocol Injection Applications

1st Application:

Blue XL W/Bio-Cat Booster 7.5 Oz/1000 – 2.5 Gal/Acre

2nd & 4th Application:

Nitro - Grow XL W/Bio Cat Booster 9.0 Oz/1000 – 3.0 Gal/Acre

3rd & 5th Application:

Nitro XL W/Bio-Cat Booster 7.5 Oz/1000 – 2.5 Gal/Acre

6th Application:

Growth XL W/Bio-Cat Booster 7.5 Oz/1000 – 2.5 Gal/Acre

7th Application:

Blue XL W/Bio-Cat Booster 7.5 Oz/1000 – 2.5 Gal/Acre

Tips:

- All products are applied at very low dosing every time you irrigate. This process provides the plant with regular nutrient uptake and improves water quality and performance which will result in lower watering requirements.
- For high traffic areas like the center of football and soccer fields, outfielder positions and infield grass, use shorter, more frequent irrigation cycles
- For best results, products are to be spoon feed throughout the month with every irrigation cycle.
- After 60 days, reduction of irrigation times may be required.
- During any spray applications, the addition of Huma-MnFe is recommended @3 oz. per 1000 sq. ft.
- NBN products are guaranteed not to burn after application.
- Use **Blue XL** whenever seed/sod/renovation is done for rapid establishment and repair

The above mentioned program is simply a guideline. 3 Tier prefers to review your current programs to ensure that the same quality and value is achieved by every client. Contact your local 3 Tier Distributor or 3 Tier's agronomist, Daniel Burdette, at dburdette@3tiertech.com or by phone at 877-710-6953.

3 Tier Technologies recommends Turf Feeding Systems injectors.

2009 Mechanical Application Athletic Field Protocol Worksheet (7 Month Season)

Athletic Field Protocol - Mechanical Applications

2.5's/Gallons Needed	2	Gal	5	Gal	7	Gal	10	Gal	15	Gal
Blue XL w/Bio-Cat Booster	3.00	7.5G	6.00	15G	9.00	22.5G	12.00	30G	18.00	45G
Growth XL w/Bio-Cat Booster	3.00	7.5G	6.00	15G	9.00	22.5G	12.00	30G	18.00	45G
Nitro-Grow XL w/Bio-Cat Booster	5.00	12.5G	12.00	30G	17.00	42.5G	24.00	60G	36.00	90G
Huma-MnFe	5.00	12.5G	11.00	27.5G	15.00	37.5G	21.00	52.5G	32.00	80G

Product Costs By Acreage	2	5	7	10	15
Blue XL @\$98.00 PER 2.5	\$294	\$588	\$882	\$1,176	\$1,764
Growth XL @\$92.00 PER 2.5	\$276	\$552	\$828	\$1,104	\$1,656
Nitro-Grow XL @\$96.00 Per 2.5	\$480	\$1,152	\$1,632	\$2,304	\$3,456
Huma-MnFe @ \$55.00 Per 2.5	\$275	\$605	\$825	\$1,155	\$1,760
Annual Program Cost	\$1,325	\$2,897	\$4,167	\$5,739	\$8,636
Annual Cost Per Acre	\$663	\$579	\$595	\$574	\$576

All costs based on 2.5 gallon containers. Higher acre facilities can realize savings through larger container purchases. Above pricing is worst case scenario. Injection programs priced separately.

3 Tier Technologies Injection Calculator - Athletic Field

Northern

Length of Season: Months

Total Acres Irrigated: Acres

Pre-Mix blend to be spoon feed through injection every irrigation cycle.

Blue XL w/BCB	Ounces per 1000:	7.5	Ounces per Acre:	320	2 Applications
Nitro Grow XL w/BCB	Ounces per 1000:	9	Ounces per Acre:	384	2 Applications
Growth XL w/BCB	Ounces per 1000:	7.5	Ounces per Acre:	320	1 Applications
Nitro XL w/BCB	Ounces per 1000:	7.5	Ounces per Acre:	320	2 Applications

Annual Product Required For Monthly Applications (Full Season):

Blue XL w/BCB	640	Ounces	5.00	Gallons	Cost =	\$196
Nitro Grow XL w/BCB	768	Ounces	6.00	Gallons	Cost =	\$230
Growth XL w/BCB	320	Ounces	2.50	Gallons	Cost =	\$92
Nitro XL w/BCB	640	Ounces	5.00	Gallons	Cost =	\$160

Annual Product Cost for	<input type="text" value="1"/>	Acres	equals	\$678	**
Annual Product Cost for	<input type="text" value="2"/>	Acres	equals	\$1,357	**
Annual Product Cost for	<input type="text" value="3"/>	Acres	equals	\$2,035	**
Annual Product Cost for	<input type="text" value="4"/>	Acres	equals	\$2,714	**
Annual Product Cost for	<input type="text" value="5"/>	Acres	equals	\$3,392	**
Annual Product Cost for	<input type="text" value="6"/>	Acres	equals	\$4,070	**
Annual Product Cost for	<input type="text" value="7"/>	Acres	equals	\$4,749	**
Annual Product Cost for	<input type="text" value="8"/>	Acres	equals	\$5,427	**
Annual Product Cost for	<input type="text" value="9"/>	Acres	equals	\$6,106	**
Annual Product Cost for	<input type="text" value="10"/>	Acres	equals	\$6,784	**

**Prices quoted are based off of 2.5 gallon container costs. Annual Commitment Guarantees Prices

**Prices may vary slightly due to actual container size and quantity needed

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