## VEGETABLE FERTILIZER GUIDE

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Pre-plant</th>
<th>Side-dress</th>
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<tbody>
<tr>
<td><strong>Asparagus</strong></td>
<td>In a trench 15&quot; deep, mix 2&quot; of topsoil with 4&quot; of rich organic matter. Place in bottom of trench. Spread superphosphate or bone meal, to provide phosphorus, at the rate of 5 lbs. per 100 sq. ft. Mix 1&quot; of topsoil into this fertilizer.</td>
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<tr>
<td><strong>1st Year</strong>: Early fall - add 2 1/2 lbs. of 5-10-10 per 100 sq. ft.</td>
<td>1&quot; of topsoil into this fertilizer.</td>
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<tr>
<td><strong>Late fall</strong>: Add 2 1/2 lbs. superphosphate per 100 sq. ft.</td>
<td>1&quot; of topsoil into this fertilizer.</td>
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<td><strong>2nd Year</strong>: Spring &amp; fall - dress with 2 1/2 lbs. of 10-10-10 per 100 sq. ft.</td>
<td>1&quot; of topsoil into this fertilizer.</td>
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<tr>
<td><strong>3rd Year &amp; beyond</strong>: Same as 2nd year, but in the spring, fertilize after harvest.</td>
<td>1&quot; of topsoil into this fertilizer.</td>
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<td><strong>Beans</strong></td>
<td>If necessary, use 5-10-10, 3-4&quot; deep, at the rate of 1 1/2 lbs. per 100 sq. ft.</td>
<td>1 T. of 5-10-10 per plant every 3-4 weeks or generous scoop of rotted manure.</td>
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<td><strong>Beets</strong></td>
<td>Work aged manure or compost into top 8&quot;, or 3-4 cups 5-10-10 into top 4-6&quot; for every 20-foot row.</td>
<td>1 T. of 5-10-10 per plant every 3-4 weeks or generous scoop of rotted manure.</td>
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<td><strong>Broccoli</strong></td>
<td>3-4 lbs. 5-10-10 per 100 sq. ft.</td>
<td>3 weeks after transplant with 1 T. high nitrogen fertilizer.</td>
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<td><strong>Brussels sprouts</strong></td>
<td>2-4 lbs. 5-10-10 per 100 sq. ft.</td>
<td>Once a month with 5-10-10, 1-2 T. per plant.</td>
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<td><strong>Cabbage</strong></td>
<td>3-4 lbs. 5-10-10 per 100 sq. ft. or 3-4 shovels of aged manure or compost.</td>
<td>1 lb. 10-10-10 per 25-foot row.</td>
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<td><strong>Chinese cabbage</strong></td>
<td>Side-dress: 1/2 lb. 10-10-10 per 25-foot row when plants are 4-6&quot;, then every three weeks thereafter.</td>
<td>1 T. of 5-10-10 per plant.</td>
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<td><strong>Carrots</strong></td>
<td>1 lb. 5-10-10 per 50 sq. ft.</td>
<td>When 6&quot; tall, use natural fertilizer such as dried manure or fish fertilizer. Thin layer hardwood ash, 4&quot; deep, for potash (for sweetness).</td>
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<tr>
<td><strong>Celery</strong></td>
<td>Generous amounts of compost and/or manure in top 3&quot;.</td>
<td>1 T. of 5-10-10 per plant.</td>
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### Corn
Pre-plant: 3-4 lbs. 5-10-10 per 100 sq. ft.
Side-dress: 2 lbs. high nitrogen fertilizer (urea or ammonium sulfate), per 100 sq. ft. when plants are 8-10" tall. Use again when silks appear, adding superphosphate to N.

### Cucumbers
Pre-plant: Use plenty of compost or well-rotted manure.
Side-dress: 4 weeks after planting, just as vines begin to run, use 2 handfuls compost or 1 T. 5-10-10 per plant.

### Eggplant
Pre-plant: Mix 1" well-rotted manure or 2-3 lbs. 5-10-5 per 100 sq. ft.
Side-dress: When plants set several fruit, use 1 T. 5-10-5 or 10-6-4 per plant.

### Lettuce
Pre-plant: 1 lb. 10-10-10 per 25 sq. ft.
Side-dress: 3-4 weeks after planting, use 1 tsp. 10-10-10 per plant. May also use fish or seaweed fertilizer.

### Melons
Pre-plant: Generous amounts of rotted manure or compost.
Side-dress: Mulched - Use liquid fertilizer (fish, seaweed, manure tea)
           Un-mulched - Use 1/2 cup 5-10-10 for every 4-5 plants. Again in 3 wks.

### Onions
Fall: Mix rich compost or manure into soil.
Pre-plant: 1 lb. 10-10-10 per 20 sq. ft.
Side-dress: 1 lb. 10-10-10 per 20-25 foot row when plants are 4-6" tall and when bulbs swell.

### Parsnips
Pre-plant: Use a slow-release fertilizer.
Side-dress: If a slow-release fertilizer has not been applied, use 1-2 cups 5-10-10 per 25-foot row or its equivalent after 1-2 months.

### Peas
Pre-plant: 1-1 1/2 lbs. 5-10-10 per 100 sq. ft.
Side-dress: When 6" tall, use 1/2 lb. of a 1:1 mixture of ammonium sulfate and dehydrated manure per 25 foot row.

### Peppers
Pre-plant: 1 1/2 lbs. 5-10-10 per 100 sq. ft.
Side-dress: Monthly with 1 T. 5-10-10 per plant.

### Potatoes
Pre-plant: In an 8" trench or hole, mix 5-10-10 at the rate of 1 lb. per 25-foot row with 2 inches of soil.
Side-dress: When hilled for the 2nd time, use 1 lb. 5-10-10 per 25-foot row or compost, seaweed, or fish emulsion.

### Pumpkins
Pre-plant: Mix rotted manure and a handful of 5-10-10 into top 6-8" of soil.
Side-dress: Use 5-10-10 on hill and side roots.

### Radishes
No special fertilization necessary.

### Rhubarb
Pre-plant: Mix well-rotted compost or manure into soil. Fertilize early spring each year with 2-3 shovels of well-rotted manure per plant or 1/2 cup of 5-10-10.
Side-dress: At the same rate in early summer after the main harvest period.

### Spinach
Mix compost, manure, and/or 10-10-10. No additional fertilizer necessary.
### Squash

Pre-plant: Work plenty of good compost or aged manure into 1’ of soil.
Side-dress: 1 T. 5-10-10 per plant.
- Summer squash - When 6” tall. Again when they bloom
- Winter squash - When vines start to run. Again when small fruit form

### Sweet Potatoes

Pre-plant: 3 lbs. 5-10-10 per 100 sq. ft. of row, plus fine compost.
Side-dress: 3-4 weeks after transplanting with 3 lbs. 5-10-10 per 100 sq. ft.
(Use 5 lbs. if soil is sandy.)

### Tomatoes

Pre-plant: 3 lbs. 5-10-10 per 100 sq. ft.
Side-dress: 3 lbs. 5-10-10 per 100 sq. ft. after fruit sets