

# Food Plot & Supplemental Feeding for Deer & Other Wildlife



1

## SITE

- Understand the basic needs of the wildlife you're going to attract
- Type of seed you are planting. (Annual vs Perennial)
- Location: should have at least around 1/2 day of sunlight

2

## SOIL TESTING

- Most critical & important part of food plot planting
- Take several (6-10) samples & mix them to obtain average for the area. Take samples in zig zag line or different areas where the plot will be planted. Recommend samples be collected to 6" depth. Take sample to local extension or other places that test the soil.
- A pH of around 7.0 is desired for best growth

3

## ELIMINATING WEEDS & SOIL CONDITIONING

- If existing weeds, use a 41% glyphosate chemical such as round up.
- Can use a soil conditioner such as liquid carbon when spraying glyphosate that will kill existing weeds along with conditioning the soil.
- Wait 7-14 days, add lime and fertilizer based on soil test results. Lime raises the soil pH. Lime comes in several forms - pulverized or pelletized. Might need to add lime again for years.



4

## TILLAGE

- Use a disk, roto-tiller or some other implement to work up the top 6-8" of soil.
- Work lime, fertilizer and soil conditioning into soil. Apply fertilizer recommendations based on soil test results otherwise a basic fertilizer such as 10-10-10 is a good fertilizer. If applying liquid fertilizer, once seed broadcasted, spray liquid fertilizer to ground.
- Soil Conditioning products used can be used such as gypsum, dri carbon, humates etc.
- Remove any debris. Smooth area and break up clumps
- Recommend waiting 10-14 days for new growth to occur and spray with glyphosate such as roundup again. This allows eliminating weeds that might germinate from the tilling.

5

## SEEDING

- Wait 7-10 for seeding if applied 2nd application of glyphosate.
- Plant desired seed or seed mix using a spreader (hand held, broadcast, pull behind, etc)
- After seeding, recommending rolling or cultipack, etc to create good seed to soil contact for optimal germination.

**CAUTION:** Be careful not to plant plot mixes too deep. 1/4-1/2" depth is plenty in most case for best performance.



6

## MAINTAINING YOUR PLOT

- Monitor your plot through the season. Grazing pressure, growth, thinning etc.
- Clipping or mowing might be needed depending on how tall your perennial crop reaches. It will also stimulate new growth and thicken plots.
- Overseeding - plot starts to thin out consider overseeding.
- Fertilize - Apply fertilizer to your plots either granular or liquid.
- Weed Control - can use grass killer to control grass in broad-leaf plots such as clover.



# Supplementing your food plot

Food plots are the most effective way of attracting, growing and keeping animals on your property. Food plots provide and offer nutrient rich diets to the animals. Supplementation of protein, energy, vitamins and minerals will help achieve and maintain body size, antler growth and reproduction.

16% protein levels is recommended for antler growth. Less protein levels have shown reduced antler growth compared to the 16% levels.

*Food plots are the most effective way of attracting, growing and keeping animals on your property.*

Studies show main 2 minerals, calcium and phosphorous, are known to be important in antler growth but have detected 11 different minerals in antlers. Minerals will also have an affect on body size, reproduction, growth, etc.

Salt or sodium is another mineral required. Deer seek sodium during spring & summer when high plant moisture content can lead to decreased sodium levels. Females need more sodium than males due to reproduction.

*References:*

*Nutritional requirements of White-tailed Deer in Missouri University of Missouri Extension G09487*

*Antler Development in White-tailed Deer University of Missouri G09486*



**Prince**  
CORPORATION

## Deer Food Plot Items

### DEER FEED/SUPPLEMENTS

- 50# Deerlicious 16% Deer Applette Pellet
- 50# Prince Premium Apple Corn
- 25# Big Tine Cherry Rush Block
- 40# or 10# Big Tine 30-06 Fortified Deer Blend
- 25# Big Tine 30-06 Protein Plus

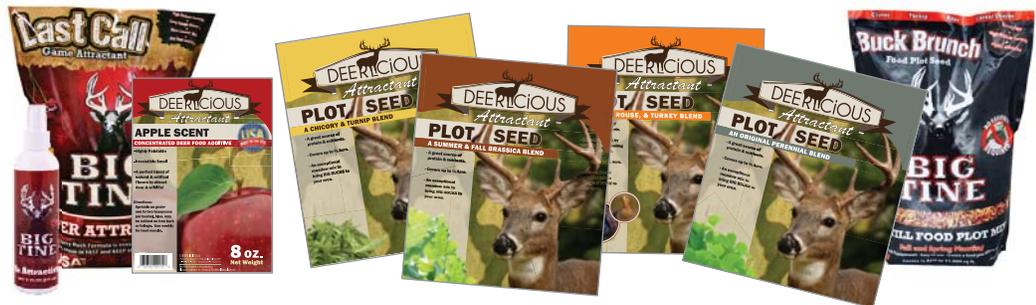


### ATTRACTANTS

- Deerlicious Apple Scent
- Big Tine Last Call Attractant
- Big Tine Last Cover Scent

### PLOT SEED

- Deerlicious Chicory & Turnip Blend
- Deerlicious Summer & Fall Brassica
- Deerlicious Deer, Grouse, & Turkey Blend
- Deerlicious Perennial Blend
- Big Tine No Till Buck Brunch



### DEER MINERAL

- Four65 All natural Mineral
- Deerlicious Deer Mineral
- Trophy Rock Deer Mineral
- Big Tine Happy Hour

### FOOD PLOT MAINTENANCE

- Monty's Rackvantage Food Plot Enhancer
- Monty's Liquid Carbon
- Hi-Yield Killzall II 41% Glyphosate
- Hi-Yield Grass Killer Herbicide Poast
- Big Tine S.O.S.

