

Instructions

For best results, complete all steps in the order shown.



PLANTING DATES

Stay within the recommended planting dates for your area as shown on the back of the bag. Planting dates are also posted at <http://www.whitetailinstitute.com/powerplant-planting-dates/>.

**DO NOT PLANT POWERPLANT UNTIL SOIL TEMPERATURES HAVE WARMED TO A CONSTANT 65 DEGREES OR HIGHER!**

MINIMUM RECOMMENDED PLOT SIZES AND SEEDING RATES FOR POWERPLANT

Areas With Higher Deer Density

Plant at least 1.5 acres.  
Seeding rate: 50 lbs. per 1.5 acres

Areas With Normal or Low Deer Density

Plant at least 3/4 acre.  
Seeding rate: 25 lbs. per acre

**SITE SELECTION** Select a site with good soil that drains well, and that receives at least 6 hours of full sunlight a day. Avoid highly sandy soils that normally have low fertility, and avoid soggy soils where water can stand for an extended time after rainfall.

- EQUIPMENT NEEDED FOR PLANTING:**
- disk or tiller
  - broadcast seeder
  - drag implement

Seedbed Preparation Instructions

*If possible, perform Step 1 several months in advance of planting.*

- 1. Adjust soil pH if low.** If possible, perform a laboratory soil test for “establishment” of a “soybean/pea/sunn hemp/sunflower” mix. Add any lime recommended in the lab’s report to the seedbed. If you don’t test your soil with a laboratory soil test, then add 2,000 pounds of lime per acre. **Thoroughly disk or till the lime into the top 3 or 4 inches of the seedbed.** *Do not skip this step! Making sure soil is at optimum soil pH before you plant is extremely important!*
- 2. Optional Considerations for New or Weedy Ground:** If grass and weed competition is heavy, consider disking or tilling the seedbed again two weeks after Step 1 tillage. If grass and weed competition still remains heavy, consider spraying a Roundup™ type glyphosate herbicide before planting.

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- 3. If necessary to loosen the soil:** Disk or till the seedbed.
- 4. Fertilize the seedbed.** Add the fertilizer recommended in your soil-test report to the seedbed. If a laboratory soil test wasn’t done, then add 300 pounds of 17-17-17 or equivalent fertilizer per acre. *Do not skip this step! Making sure soil is at optimum fertility before you plant is extremely important!*
- 5. Disk or harrow.** Lightly mix the fertilizer into the top few inches of the soil.
- 6. Put out the seed.** Broadcast the seed onto the disked or harrowed seedbed at the appropriate rate as follows. *(Planting with a drill isn’t recommended due to the varying seed sizes in PowerPlant.)*

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- 7. LIGHTLY cover the seed.** Disk or drag to LIGHTLY cover the seed **no deeper than 1/2 to 1 inch.** *Do not disk or till the seed in!*

Grass Control After Planting (If Necessary)

If grass competition is heavy during the first few weeks after planting, spray your PowerPlant plot(s) with Arrest MAX grass herbicide and Surefire Crop Oil Plus at the following rate to control labeled grasses. The Arrest MAX label lists the grasses Arrest MAX will control. The label can be found on the Arrest MAX package, and at [http://whitetailinstitute.com/product\\_images/ArrestMax%20\\_Booklet.pdf](http://whitetailinstitute.com/product_images/ArrestMax%20_Booklet.pdf)

	Water	Arrest MAX	Surefire Crop Oil Plus
1 Acre	10-20 gallons	1 pint	8 oz. (1/2 pint)
1.5 Acres	15-30 gallons	1.5 pints	12 oz. (3/4 pint)

