



## JACKHAMMER RADISH SEED

Division of GENERAL GRAIN

Karnak

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### Jackhammer Radish Planting Tips

You will have success with Jackhammer Radish Seed wherever agricultural crops are grown (5.5-7.5 PH Range).

Plant cover crop radish seed in late summer to early fall for best results, at least 3 weeks before the average date of first killing frost.

Jackhammer Radish Seed will germinate rapidly and start appearing within days. If a burndown herbicide is used to clean up existing weeds, wait no longer than 2 days after planting Jackhammer Radish Seed.

Jackhammer Radish Seed begins to winterkill when temperatures fall to the mid-teens for 2-3 nights, similar to fall-planted spring oats.

In most areas, Jackhammer Radish will decompose in time for spring planting, preparing the field for planting conditions and enhancing the availability of nutrients already in the soil.

If Jackhammer Radish does not winterkill, apply a mixture of 1 pint 2,4-D type herbicide along with 1 quart glyphosate when first flowers appear.

The need for fertilizer is significantly reduced; available leftover (N) has been held and herbicide is reduced due to Jackhammer Radish suppression of winter annuals.

If planted very early as a cover crop, flowering of Jackhammer Radish may develop before they are winterkilled. This can be controlled with mowing or burndown with the active ingredient Glyphosate or 2,4-D equivalent at flowering.

**Planting Depth  $\frac{1}{4}$  to  $\frac{1}{2}$  inch deep but 1 inch if necessary for moisture**

**(IF PLANTING WITH AN AIRSEEDER – EXCESSIVE FAN SPEED WILL SPLIT SEEDS)**

Nitrogen needs to be 40-60 lbs for Jackhammer Radish to grow to its fullest potential. Most fields have enough nitrogen left over from the previous crop. In the spring Jackhammer Radish will give nitrogen back in time to utilize in the spring crop.

#### Jackhammer Radish seeding rates

PLANTER: 4 lbs /acre

DRILL SEEDER: 6 lbs/acre

Using small grass box, use alfalfa setting as a guide. A large seed box can be used but the setting is very low. Plant a few rounds with a known amount of seed to determine correct seeding rate.

**BROADCASTING/AERIAL SEEDING:** 6 lbs/acre

Strive for good soil and moisture contact.

### **Jackhammer Radish Blending Tips**

**JACKHAMMER RADISH SEED MIXED WITH COVER CROP SEED**

**PLANTER:** 2-3 lbs/acre Jackhammer Radish Seed with other cover crop seed in alternating 15" rows.

**DRILL:** 4 lbs/acre Jackhammer Radish Seed with one other cover crop seed.

2 lbs/acre Jackhammer Radish Seed with two other cover crop seeds

**COVER CROP BLENDING OPTIONS**

When blending Jackhammer Radish Seed with grains cut Jackhammer Radish Seed rate to 4 lbs/acre and cut the grains rate by 25% of normal seed rate. Use this rate also when planting Jackhammer Radish with Sorgham-Sudan grass.

**EROSION CONTROL AREAS & FALL/SPRING GRAZING**

Jackhammer Radish Seed 4 lbs/acre with Small Grains  $\frac{3}{4}$  -1 lb/acre

Jackhammer Radish Seed 4 lbs/acre with Annual Ryegrass 12 lbs/acre

**BREAKUP COMPACTION, FALL GRAZING, ADD & STORE NITROGEN**

Jackhammer Radish Seed 3lbs/acre with Purple Top Turnip 2 lbs/acre & Field Peas 18 lbs/acre

**JACKHAMMER RADISH GRAZING TIPS**

Mix a grass seed with Jackhammer Radish Seed planted at 4 lbs/acre

Provides a high protein diet into early winter

For adequate re-growth allow cattle to only graze off the top 1/3

### **Jackhammer Radish Planting Tips for Established Pastures**

Jackhammer Radish Seed needs a chance to get started in pastures, it is ideal to have the grass grazed low or cut low with adequate moisture prior to planting.

Have the soil nitrogen content between 40-60 lbs. Seeding rate is 4 lbs/acre when using a drill. Use 6 lbs/acre when broadcasting if there is adequate seed to soil contact.

The cover crop radish is very digestible and provides many nutrients. Having other species established provides a balanced diet.

Jackhammer Radish Seed 4 lbs/acre when direct drilling into pastureland

Jackhammer Radish Seed 6 lbs/acre when broadcast seeding into pastureland

Follow soil test recommendations

Nitrogen available between 40-60 lbs

Allow 3-4 weeks before grazing

Re-graze approximately on a monthly interval

If you desire multiple grazing, graze no lower than 4"

Graze before it flowers for best palatability