



## Brand Cover Crop Radish

### Notable Benefits:

- Scavenges nutrients
- Reduces soil compaction
- Promotes water infiltration
- Increases earthworm activity
- Improves soil biology
- Suppresses weeds
- May reduce use of chemicals and tillage



GroundHog is a true variety. It will exhibit consistent performance year after year.

The GroundHog cover crop radish above planted with Austrian winter peas had 30" deep roots.

**Description:** GroundHog brand cover crop radish produces a significant root mass. This extra large root system allows GroundHog to pull nitrogen and other nutrients from deep within the soil and bring them back to the surface. Upon decomposition, these roots leave large channels in the soil that improve water infiltration and soil aeration. Tests have shown that cover crop radish can scavenge over 150 lbs of nitrogen per acre. The scavenged nitrogen becomes available to the next cash crop or increases soil organic matter.



GroundHog cover crop radish penetrates through the hardpan and reduces soil compaction, allowing roots of the following cash crop to access more nutrients from deeper in the soil.



**Sowing and Establishment:** Seed from early August to September (earlier in the north and later in the south) at 10-12lbs per acre or at 3-5 lbs per acre when mixed with legumes and/or grasses. Sow ¼-¾ inch deep. Aerial seed into soybeans before leaf drop (~ ½ leaves yellow) and into corn when the corn is dried up to the ear (for ~50% of sunlight to reach ground between the rows). Apply 60 units of N or manure for best root growth potential.

GroundHog works very well in mixes with Crimson Clover, Austrian Winter Peas, Annual Ryegrass, Turnips, and many other cover crop species. The photo below shows GroundHog with Crimson Clover.

GroundHog will winterkill with temperatures in the teens. Do not use in rotation with brassica crops. For additional information & photos visit: <http://www.ampacseed.com/groundhog.htm>.



### Now with Pinnacle QuickStart coating!

Expect the following from Pinnacle Quickstart:

- Increases seed & seedling survival
- Establishes a microenvironment for stimulating vigorous growth in young seedlings
- Achieves better seed to soil contact to aid germination
- Hygroscopic nature of the coating pulls & holds moisture to the seed aiding germination
- Encapsulates each seed in a carefully formulated mix of minerals & selected nutrients
- Specifically formulated micronutrient package of Fe, Mg, & Zn
- Coating disguises seed for less bird predation
- Colorant on the seed improves monitoring of area seeded & seeding rate
- Increases stand & survival under adverse conditions
- Added weight from coating material:
  - makes seed larger & easier to handle & distribute evenly
  - less puddling of seed – seed stays put in over watering conditions
  - penetrates stubble or thatch for better seed to soil contact
  - increases spread width up to 40%

**Get better, more consistent stands with Pinnacle QuickStart!**