



Tillage Radish[®]

The Original and Only



EXCELLENT FOR:

- Reducing inputs
- Weed suppression
- Relieving compaction
- Improving soil fertility and health
- Attracting earthworms

SEASONAL BENEFITS & CONSIDERATIONS:

FALL

PLANTING: Plant 3 to 10 weeks before the first killing frosts.

NUTRIENT SCAVENGING: Nitrogen (N) is absorbed along with other key nutrients, including that from manure. Tillage Radish will release the nutrients in the spring when cash crops need it most.

WINTER

N WINTERS OVER: Tillage Radish[®] holds the nitrogen and other soil nutrients over the winter. A few cold nights reaching the mid-teens kill them. If no killing frost use standard herbicide burndown method in the spring.

WHAT WEEDS? A thick canopy is formed so most annual weeds never see the light, potentially reducing the need for a spring burndown.

SPRING

SOIL CONDITIONING: Tillage Radish[®] decays, the voids are left in the soil, along with holes in the compaction zone from the taproot. This means your soil will have greater air and water circulation.

DECAY & RELEASE: Once temperatures rise, the nitrogen is released back to the rhizosphere and the root zone. Where it will be available for the cash crop that follows Tillage Radish[®].

PLANTING TIPS AND SEEDING RATES:

PLANTING: Plant 3 - 10 weeks prior to first killing frost. Green growth normally starts in less than a week in normal conditions; radish size will depend on growth time, day length, plant competition and available nutrients to scavenge. The Tillage Radish[®] is a broad leaf plant - consider this when planning herbicide programs.

PLANTING DEPTH: ¼" to ½". Can be planted 1" in light soils if necessary to reach moisture.

SEEDING RATE (MONOCULTURE):

DRILLING: 6 lbs/acre

BROADCAST / AERIAL: 8-10 lbs/acre

PRECISION PLANTING (15" WITH 4" IN-ROW): 4 lbs/acre

WEED SUPPRESSION: Increase seeding rate to 10 - 12 lbs/acre

WHEN USED IN MIXES: Typically 1 - 4 lbs/acre (rate varies based on cover cropping objective, seeding date and other species in blend)

CONTROL: Tillage Radish[®] winterkills with 3 consecutive nights in the mid-teens. If no winterkill, control with mowing, grazing or burndown methods.

AVERAGE INCREASES IN YIELDS:

- Corn yields up average **12 BU/AC¹**
- Soybean yields up **8 BU/AC¹**
- Winter Wheat yields up to **5-7 BU/AC** increase²
- Over 10 years of university R&D

¹ Based on company published data.

² This is planting 2-3 lbs of Tillage Radish[®] with winter wheat.

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