

## Needham Ag Seed Tubes For Box Drills

For more information on how these seed tubes work better than others on the market. Search for "Needham Ag Seed Tubes" at youtube.com or scan the QR code below.

### The Problem.

Most seed tubes on the market drop seeds evenly if the tubes remain almost vertical in operation. However, as you drive up or down slopes, especially when seeding lighter seeds such as radish or grass seeds, seeds often hang in the corrugations of the seed tubes. Often these seeds fall out in clumps when the seed tube straightens back out or when enough vibration shakes the seeds loose, resulting in inconsistent seed placement down the rows.

Some drills (as illustrated right) don't start out with vertical seed tubes, even when new, so this presents greater problems.

YouTube



Radish seeds hanging in a factory seed tube angled at only 30 degrees from vertical.

### The Solution

We have been able to source a better design of rubber seed tube to help improve seed flow, especially when seeding smaller seeds or when seeding on rolling ground (or both). These seed tubes are made from natural rubber and provide excellent flexibility. They also incorporate internal folds above each corrugation, so as the seed tube stretches out, the folds direct the seeds away from the corrugations and help eliminate any seeds being held in the seed tube.

These seed tubes also incorporate a small amount of peroxide into their formulation, this has been found to be a safe and effective way of deterring rodents from damaging the seed tubes.

When installing these seed tubes, be sure to install them the correct way up.

We have found these seed tubes fit most drills available on the market and the chart to the right illustrates which ones install on specific brands and models. Seed tube dimensions are provided for brands or models not included.



Cross-section of a stretched seed tube, showing the folds.



Three sizes available to fit most drills, see the following page for dimensions.

I installed your seed tubes on my John Deere 750 and they really made a difference to my seed distribution. Duane Weaver, Southern Illinois.



Please compare your current drill seed tube length with our specifications below, to ensure they match. Some require hose clamps to secure them to seed cup.

**Tube Part Number: NA-S**

**Dimensions:** 8-20" Operating Range, with 1 1/4" ID Coupler at both ends

**Installs On:** John Deere Single Disc No-Till Drills. - Including 750, 1560 and 1590

**John Deere Double Disc Drills** - Including 8200, 8250, 8300, 8350, 8500 and 450 (please check the hose dimensions above, as some 8000 series drills are slightly different and require the NA-M hose below).

**Seed Tube NA-S \$11.00, plus shipping**

*0.3 lb ea.*

**Tube Part Number: NA-M**

**Dimensions:** 12-26" Operating Range, with 1 1/4" ID Coupler at both ends

**Installs On:** **Great Plains** - All late model double disc drills (early models had a seed tube with a long non corrugated area at one end). No-till drills with parallel linkage require the seed tube NA-L shown below.

**Sunflower** - 9300, 9400, 9500 and 9600 Series.

**Landoll** - 5210, 5211. 5530 and 5531

**Tye** - All double disc drills

**UFT** - Conventional and 5000 Series No-Till Drills

**Best** - All No-Till Drills.

**Frontier** - BD 1307

**John Deere Double Disc Drills** - Including 515 and 520

**Seed Tube NA-M \$12.00, plus shipping**

*0.5 lb ea.*

**Tube Part Number: NA-L**

**Dimensions:** 15-28" Operating Range, with 1 1/4" ID Coupler at both ends

**Installs On:** **Great Plains** - All No-Till drills with parallel linkage (including the 10 series) and all HD Series openers, including 2N-2410, 2N-3010, 3S-4010, 3S-3000HD, 3S-4000HD. Consistent with all seed tubes on drills which are stored for extended periods with openers in the lowered position, release the bottom of the seed tube or lower the drill to avoid hose stretch.

**John Deere Double Disc Drills** - Including 455

**Note - Will NOT work with the John Deere Single Disc Drill Fertilizer Box. These hoses currently don't fit Haybuster drills.**

**Seed Tube NA-L \$13.00, plus shipping**

*0.75 lb ea.*