



The Cross Slot® Drill Down

CROSS SLOT NORTH AMERICAN NEWS SPRING 2016

Cross Slot – The World Leader in No-Till Technology

ROYAL ORGANICS – Pelletized Organic Fertilizer Leading to Higher Yields

Royal Organics has successfully created an innovative solution for placing compost through your no-till drill while seeding.

Compell™ efficiently adds organic matter, microbiology, carbon, and trace nutrients into the seed zone.

These components balance out the soil's diet and enable the crop to uptake nutrients, water, and defend itself better leading to increasing yield and profit.

Compell is a small, dry, compressed pellet (no manures or biosolids) that can be placed in the dry fertilizer hopper, or mixed with seed, and run through the drill at planting.

By concentrating on the seed zone, rather than the entire soil profile, only 40 lbs/acre of Compell is needed in most grain and oilseed applications.

A grower can expect a full application for around \$12 to \$15 per acre, with no specialized equipment.

Years of research and development, combined with field trials under the direction of Dr. Jill Clapperton, show 15-20% yield increases in wheat, and more in other grains and oilseeds.

Recent field surveys show increased wheat head counts, increased root mass, and better plant health.

Growers planted approximately 15,000 acres with Compell in the Northwest, Midwest and Canada for the 2016 crop year. Several distributors, like Green Cover Seed, are now making it available to their growers.

These growers have been very pleased with the ease of planting, their plant health, and growth so far.

For copies of these results email me at porter@crossslot.com

A recent field day in Washington showed the true raking effects of a tined hoe drill (right), and other high disturbance seeders (below).



The link <https://youtu.be/cN-nxA9A3jc> shows a Cross Slot seeding into the same conditions (without the mess created), as per photo (right).



To track some of their progress follow on Facebook, Twitter and or website at www.CompellNature.com

Authors Note: Cross Slot would be able to band this fertilizer at the same time as seeding. The research to date shows excellent cost-benefit ratios. This is a product for both organic and non-organic fertilizer users.

Tradeshows
North Dakota State Fair

Site 631

**22-30
July 2016**

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**FAQ
Updates**

Cross Slot has updated the Frequently Asked Questions on the website – ask us any additional questions you have – we will respond to you directly and add them to the FAQ page.

Cross Slot® – Delivering and Creating Value!

Cross Slot®
NO-TILLAGE SYSTEMS



HARD SPRING CONDITIONS

The mild winter experienced in WA, ID, OR & ND made for dry spring seeding conditions.

This in contrast to the wet conditions of previous years. Cross Slot owners reported dealing with the dry, hard soil conditions was not a problem. In many cases this involved increasing the auto down force closing pressure to hold the openers at the desired seeding depth.

If you are not a Cross Slot owner and were having difficulties with the harder soil conditions this spring then talk to us about getting into a Cross Slot system.



Ty Meyer, Spokane Conservation District looking at the seed placement for peas into 10 year old grass conditions.

WINTER WHEAT CROPS

Mild winter conditions have made for good looking winter wheat crops in the Palouse and Idaho.

The wet and warm conditions have got the plants about 2-3 weeks ahead from a growth perspective. Heads were already forming in early May in St John WA. There was some concern regarding stripe rust and farmers were spraying for this.



An example of a tilled field losing moisture in the Palouse WA. Note the sod ground next to it – it is not showing any visible loss of moisture.



DOUG MANNING VISIT

Bruce Grutterink and his dad down from Alberta looking at Doug Manning's winter wheat emergence in Kalispel, MT.



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Second Hand Drill for Sale

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