



Crop Walk - Wheat

From the Field - by Agricultural Industry Advisors

The following information prepared for this edition of Crop Walk outlines good agronomics to help your growers achieve the greatest yield potential from winter wheat. In general, wheat fields across the province range from looking good to excellent. By this time, the majority of the fields have received a top dress application of Nitrogen fertilizer. The crop stage of winter wheat is now at or nearing the ideal application window for herbicide treatments. It is important to remember that although the wheat crop is less than 3 months from harvest, intensive management of the crop must be maintained to ensure growers achieve yield goals with a superior quality sample at harvest. **Crop scouting to diagnose weed spectrum, disease pressure and crop nutrient deficiencies is imperative for success.** Soil and tissue sampling are the best means of determining the exact nutrient needs of any crop. Quick turnaround times by laboratories allow for very timely decisions to be made pertaining to any insufficient nutrients needed by your crop.

Buctril M: Maximize your cereal crop yields by controlling competition from weeds. Buctril-M controls more than 30 broadleaf weeds in winter wheat and spring cereals. It also has excellent crop safety, no re-cropping restrictions and can be sprayed on winter wheat underseeded to red clover. Buctril-M's wide window of application (2-leaf to flag leaf) allows for proper timing of the weeds. In addition to having a broader spectrum of control, Buctril-M is also much less temperature dependant than phenoxies. That means if cooler weather prevails, Buctril-M will still be effective.

For further information on Buctril M or Bayer Crop Science Products contact your area Bayer Crop Science Representative.

Tilt: Many winter wheat fields are starting to show symptoms of septoria. This disease appears on the lower leaves, as brown lesions or spots. Wet weather favours the development of this disease. If not controlled it will travel up the plant, onto the leaves and reduce the plants ability to produce a high yielding crop. An application of Tilt along with the herbicide at this time of year will stop all disease development and move systemically throughout the cereal plant, protecting it for 3 to 4 weeks. Remember: Tilt can make the difference between a good crop and a great one. The same growing conditions that produce good crops provide ideal conditions for cereal diseases.

For further information on Tilt or Syngenta Products contact your area Syngenta Crop Protection Representative.

Micronutrients: Manganese and Copper can have a very important impact on cereal crop yields. **Manganese** is beneficial for disease resistance. An adequate supply in the plant can lead to better grain quality. Cold and wet periods often lead to Manganese shortages in the wheat plant. **Copper** is essential for head and grain development. Many plots have shown that Copper has increased both bushel weight and protein levels in wheat. Copper deficiencies can be induced by high Nitrogen applications. Both Manganese and Copper are prone to being deficient on high-organic matter soils, alkaline soils and sandy soil types. Right now is the time to think about co-applying foliar nutrients on the same spray pass, with herbicides and fungicides. Mantrac 500 and Coptrel 500 are superior products for supplying these nutrients to crops. Their high concentrations of nutrients supply the crop with adequate amounts of Manganese or Copper to take your crop to a higher yield level.

For further information on the Phosyn Product Line of micronutrients contact your area Phosyn Representative.

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Information provided by: **Shane Williams Consulting Agronomist Agrico Canada Ltd.**
2896 Slough St. Unit 6 Mississauga, Ont. L4T 1G3 Phone: (905) 672-5700