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## Glyphosate Pre-Harvest Update

### July 24<sup>th</sup>, 2015

**Situation:**

Variable moisture conditions during the growing season can result in late germination of weeds and delayed crop maturity. In addition, heavy weed pressure can interfere with harvesting causing yield losses.

**Solution:**

Apply **Glyphosate Herbicide** as a **Pre-Harvest** treatment for perennial weed control and improved harvest management.

**Benefits:**

**Perennial Weed Control**

- Outstanding control of several tough perennial weeds right into next year's crop, including Canada thistle, dandelion, and quackgrass.
- Most effective and economical control of Canada thistle

**Improved Harvest Management**

- Dry down of weeds and crop can lead to several harvest management benefits in this year's crop, including:
  - Faster, easier combining (i.e. drier crop and longer combining days)
  - Can eliminate the need for swathing in some crops
  - More uniformly ripened crop
  - Higher crop quality/grades due to reduced weathering

<b>Pre-Harvest Application Timing Guidelines For Glyphosate Herbicide</b>	
<b>Crop</b>	<b>Visual Symptoms of &lt; 30% Grain Moisture Content*</b>
Wheat, Barley, Oats	Hard dough stage: Thumbnail impression remains on seed
Canola	Pods are green to yellow; Most seeds are yellow to brown
Flax	Majority (75 to 80 %) of pods are brown
Peas	Majority (75 to 80 %) of pods have turned color
Lentils	Lower pods (15%) are brown; seeds rattle
Dry Beans	Stems are green to brown; pods are mature (yellow to brown); 80-90% leaf drop (original leaves)
Soybeans	Stems are green to brown; pod tissue is dry and brown; 80-90% leaf drop

**IPCO members offer several brands of IPCO glyphosate including Matrix<sup>®</sup>, Factor<sup>®</sup> 540, Fortran<sup>®</sup>, Rivet<sup>®</sup> and CO-OP Vector<sup>®</sup>**

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**Always consult the product label for proper rates, registered uses, weeds controlled and directions for use.**

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