













Growth Stages of Grapevines

00 - 89 : BBCH scale
 01 - 38 : *Eichhorn & Lorenz code*
 A - J : *Baggiolini scale*

 <p>00 - Bud scales closed <i>01 - Winter dormancy</i> A - Winter bud</p>	 <p>05 - Wool stage <i>03 - Wool stage</i> B - Wool stage</p>	 <p>07 - Beginning of bud burst 05 - <i>Bud burst</i> C - Green shoot</p>	 <p>09 - Green tips visible <i>05 - Bud burst</i> C - Green shoot</p>
 <p>11 - First leaf unfolded <i>07 - First leaf unfolded</i> D - Leaf emergence</p>	 <p>13 - 3 leaves unfolded <i>09 - 2 to 3 leaves unfolded</i> E - 2 to 3 leaves unfolded</p>	 <p>53 - Inflorescences visible <i>12 - Inflorescences visible</i> F - Inflorescences visible</p>	 <p>55 - Inflorescences swelling <i>15 - Inflorescences swelling</i> G - Inflorescences separated</p>
 <p>57 - Inflorescences fully developed <i>17 - Inflorescences fully developed</i> H - Flowers separated</p>	 <p>60 - First flowerhoods detached <i>19 - Beginning of flowering</i></p>	 <p>65 - Full flowering <i>23 - Full flowering</i> I - Flowering</p>	 <p>68 - 80% of flowerhoods fallen <i>25 - Late flowering</i></p>









 <p>69 - End of flowering 27 - Fruit set J - Fruit set</p>	 <p>73 - Berries lead-shot size (3 mm) 29 - <i>Berries lead-shot (3 mm)</i></p>	 <p>75 Berries pea-sized 31 - <i>Berries pea-sized</i></p>	 <p>77 - Beginning of berry touch 33 - <i>Beginning of berry touch</i></p>
 <p>79 - Berry touch <i>Berry touch</i></p>	 <p>81 - Beginning of ripening 35 - <i>Beginning of ripening</i></p>	 <p>85 - Softening of berries <i>Ripening II</i></p>	 <p>89 - Berries ripe for harvest 38 - <i>Berries ripe for harvest</i></p>

Photo credits to Novartis Crop Protection, Canada

For more information:

Toll Free: 1-877-424-1300

Local: (519) 826-4047

E-mail: ag.info.omafra@ontario.ca

Author: OMAFRA Staff

Creation Date: November 2002

Last Reviewed: July 2003