



# Stoller's Options and Timings for Wine Grapes



	PRODUCTS	4 Weeks Before Budburst	Vegetative Growth (4 Weeks after Budburst)		Vegetative Growth (6 Weeks after Budburst)		Pre-flowering	Post Flowering	Fruit Set (Prior to Verasion)	Post Verasion	Post harvest	Frost or Heat Recovery
Foliar	BudFeed Plus	7L/100										
	ZM <sup>2</sup> + Iron			7L/Ha	7L/Ha	7L/Ha					3L/Ha	
	Foliar Plus			4L/Ha	5L/Ha				5L/Ha	5L/Ha		
	Iron Chelate		2L/Ha									
	Foli-Zyme		5L/Ha								7L/Ha	7L/Ha
	SETT/CaB					5L/Ha		5L/Ha				
	MX Special							4L/Ha				
	Sugar Mover									1.5L/Ha	2L/Ha	
Bio-Forge											1.2L/Ha	
Fertigation	Aqua-Cal	20-50L/Ha									20-50L/Ha	
	RootFeed		20L/Ha		20L/Ha	20L/Ha						
	Nutri-pHLow		15L/Ha	Either							15L/Ha	Either
	ClearStart 22KZ		Or	10L/Ha							Or	10L/Ha
	Post Harvest 23											20-40 L /Ha
	N-Hib 23			10L/Ha								

**NOTE:** The above program is a guide only, before beginning a program consult your STOLLER AUSTRALIA Agronomist. A soil test is required to determine accurate application rates.

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# > NOTES

PRODUCTS	DESCRIPTION	LABEL
<b>BudFeed Plus</b>	Stoller's BudFeed Plus provides a nutrient feed of nitrogen, calcium and magnesium through the woody tissue of the tree or vine. BudFeed Plus promotes even bud development in the spring, reducing inactive buds. This encourages early, healthy spring growth of roots and shoots. An application of this balanced nutrient formulation will not drive excessive vegetative growth but will improve fruit quality. <b>Analysis (N 23.0%, Ca 6.0%, Mg 2.0%, plus Stoller's Co-Factors)</b>	
<b>ZM<sup>2</sup> + Iron</b>	Stoller's ZM <sup>2</sup> + Iron is a proven phenolic chelate nutrient containing zinc, manganese, magnesium, iron and sulfur. Stoller's unique chelating technology enhances nutrient uptake, with a lower pH. The proven efficiency of Stoller's own phenolic acid chelate ensures efficient absorption by plant roots, leaves and tissue and full solubility (with wide compatibility) in the mixing tank. <b>Analysis (Zn 2.3%, Mn 2.3%, Mg 2.3%, Fe 2.0%, S 5.0%)</b>	
<b>Foliar Plus</b>	Stoller's Foliar Plus is a unique formulation that generates an immediate response and aids root growth, crop yield and quality. Foliar Plus contains a high analysis of NPK and micronutrients. It is beneficial where soil nutrients are low. It is suitable for soil or foliar application and often used in combination with SETT/CaB. <b>Analysis (N 10%, P 9.0%, K 3.0%, Mg 1.0%, S 0.4%, B 0.2%, Co 0.07%, Cu 0.15%, Fe 0.10%, Mn 0.4%, Mo 0.01%, Zn 1.5%)</b>	
<b>Iron Chelate</b>	Stoller's Iron Chelate is a proven phenolic chelate nutrient containing iron and sulfur and is applied to the foliar or soil. Stoller's unique chelating technology enhances nutrient uptake, with a lower pH. The proven efficiency of Stoller's own phenolic acid chelate ensures efficient absorption by plant roots, leaves and tissue and full solubility (with wide compatibility) in the mixing tank. <b>Analysis (Fe 5.0%, S 4.0%)</b>	
<b>Foli-Zyme</b>	Stoller's Foli-Zyme is a proven plant health product that enhances healthy growth in all plants. It is a complete liquid for stress relief with a unique nutrient combination containing Stoller's Co-Factor additives. Foli-Zyme is an effective foliar booster that can help a plant initiate new vegetative growth as well as recover from stress and slow growth. It is applied as a foliar, in repeat applications where necessary. <b>Analysis (N 15%, K 3.0%, Ca 4.0% plus trace elements and Stoller's Co-Factors)</b>	
<b>SETT/CaB</b>	Stoller's SETT/CaB is designed to assist the calcium replacement in the plant's cell walls and reduce localised ethylene production, when sprayed on the foliage. When used at regular intervals, SETT/CaB can increase fruit quality and reduce internal damage to storage tissue. This effective calcium treatment has been formulated with boron using Stoller's polyamine formulating agents. <b>Analysis (Ca 11.0%, B 1.4%)</b>	

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<p><b>MX Special</b></p>	<p>Stoller's MX Special is a proven phenolic chelate multi-nutrient combination and suitable for soil and foliar treatment. An ideal multi-nutrient where NPK is not required. Stoller has formulated a specific and unique process to create a chelating agent that enhances uptake, with a lower pH.  <b>Analysis (Zn 1.33%, Fe 1.33%, B 0.5%, Cu 0.17%, Mn 1.0%, S 2.5%, Mg 0.33%, Mo 0.02%)</b></p>	
<p><b>Sugar Mover</b></p>	<p>Stoller's Sugar Mover restores growth balance and optimises bud and fruit development. Its unique foliar nutrient formula improves sugar transport and metabolism. Sugar Mover redirects carbohydrate movement away from the growing points and to the fruits and roots of the plant. This helps with evenness of fruit and the ability for the plant to withstand stress  <b>Analysis (B 10%, Mo 0.13% plus Stoller's Co-Factors)</b></p>	
<p><b>Bio-Forge</b></p>	<p>Stoller's Bio-Forge contains a range of key nutrients to ensure healthy crop growth, even in stress conditions. An application of Bio-Forge after stress can help the plant restore normal growth and maintain yield potential. It is commonly used as a foliar spray, in furrow or seed and seedling treatment. The added cobalt and molybdenum can also assist in the reduction of ethylene stress and the utilisation of nitrates. Bio-Forge incorporates Stoller's Patented Technology, featuring unique chemistry.  <b>Analysis (N 2.5%, K 3.0%, Co 0.25%, Mo 0.35%)</b></p>	
<p><b>Aqua-Cal</b></p>	<p>Stoller's Aqua-Cal is designed to assist with salt displacement and calcium enhancement when added to the irrigation water. It can improve water penetration into the soil as well as increase seedling emergence in salty soils, where excessive sodium is restricting growth and damaging plants. Aqua-Cal helps to develop stronger plant cell structure and enhances root growth, for greater disease resistance. It also improves the plants resistance to physiological problems caused by high sodium levels.  <b>Analysis (N 6.0%, Ca 12%)</b></p>	
<p><b>RootFeed</b></p>	<p>Stoller's RootFeed enhances and maintains strong, healthy root growth in a wide range of crops and conditions. The rapid intake of calcium with Amine N also improves balanced growth. It promotes the growth of healthier plants to lessen the impact of stress. RootFeed can be applied through any conventional fertigation system, hydroponics or micro dosage systems.  <b>Analysis (N 12.0%, Ca 8.5%, Mg 2.0% plus Stoller's Co-Factors)</b></p>	

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<p><b>Nutri-pHLow</b></p>	<p>Stoller's Nutri-pHLow is a multinutrient product that can aid root growth, crop yield and quality. It is a soil treatment for a range of crops and can be used right up till harvest. Nutri-pHLow contains nitrogen, phosphorus, potassium and other micronutrients.  <b>Analysis (N 3.0%, P 15%, K 2.5%, Mg 0.50%, B 0.10%, Co 0.002%, Cu 0.10%, Fe 0.30%, Mn 0.25%, Mo 0.002%, Zn 0.50%)</b></p>	
<p><b>ClearStart 22KZ</b></p>	<p>ClearStart 22KZ incorporates unique Stoller technology that ensures optimal phosphorus availability and uptake at key growth stages. Used in fertigation, banded, in-furrow and foliar applications, ClearStart 22KZ generates an immediate response. It is also a highly efficient alternative to MAP.  <b>Analysis (N 1.8%, P 22.0%, K 7.5%, Zn 1.0%, Co 0.07%, Mo 0.07%)</b></p>	
<p><b>Post Harvest 23</b></p>	<p>Stoller's Post Harvest 23 provides a nutrient feed of nitrogen, calcium and magnesium through the soil, ideal for after harvest. This allows the crop to establishing nutrient reserves and encourages healthy spring growth as well as early growth of roots and shoots.  <b>Analysis (N 23%, Ca 6.0%, Mg 2.0%)</b></p>	
<p><b>N-Hib 23</b></p>	<p>Stoller's N-Hib 23 leads to an increase in flowering, storage life and quality. It will also help produce heavier yields and decrease physiological damage to fruit and storage tissues. This is due to a unique form of nitrogen within N-Hib 23 which is used to supplement a present nitrogen programme.  <b>Analysis (N 23%, Ca 6.0%, Mg 2.0%)</b></p>	

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