

Lawlor Farm Partnership – Kelso: 2025-2026 Season

Whole Crop Silage Crop Performance

Financial Performance

Kg/DM/ha (101 days) – 110kg/day	11130kg
\$/kg/DM	\$0.30
Revenue	\$3339
Costs – Minerals/Fertiliser/Stimulants (per ha)	\$670
Costs – Seed (per ha)	\$404
Gross Margin	\$2265

Seed Mix



Elevate Seeds – “Silage Special”

Sowing rate – 165kg/ha

Seed treated with BioAg Soil & Seed Biostimulant

Mix comprised of

Legumes - Balansa Clover, White Clover, Red Clover (2 var.), Peas, Vetch

Grasses – Ikawai Short Rotation Hybrid, Perennial Rye Grass, (2 var.) Prairie, Timothy, Fescue

Cereal – Awnless Barley



Soil Test Information – Eurofins

Core sample 15cm

	Unit	River Flat	P 10
Olsen P	mg/l	9	18
Colwell P	mg/kg	28	62
Resin P	mg/kg	61	33
Total P	mg/kg	589	667
ASC % (P-Retention)	%	12	24
Total Sulphur	mg/kg	194	348
pH		5.2	5.4
Calcium	MAF QT	7	7
Magnesium	MAF QT	14	8
Potassium	MAF QT	4	3
Total Potassium	mg/kg	923	330
Calcium Base saturation	%	46	56
Magnesium Base saturation	%	5	4
Potassium Base saturation	%	1.8	1.5
Aluminium (CaCl) 0-3 range	mg/kg	4.7	3.9
Total Carbon	%	1.5	2.8
Total Nitrogen	%	0.15	.25
Organic Matter	%	2.6	4.9

Both paddocks had low Boron, Copper, and Zinc

HAMISH LAWLOR

“It was an outstanding silage crop. The best result we have ever had”

BioAg Soil & Crop Nutrition Programme

Pre-sow Soil Drench		
BioAg Soil & Seed Biostimulant (litr)	6	
Boron Octaborate (kg)	1.5	
Copper Sulphate (kg)	1	
Sodium Molybdate	40gr	
Drilling – MAP (kg)	80	
Ammonium Sulphate (kg)	150	
Capital Minerals		
Superb *BAP (kg)	203	
Magnesium Carbonate (kg)	117	
Elemental Sulphur	21.5	
Lime (kg)	1060	
Urea – side dress (kg) GS26-20	80	
Foliar Application - GS 26 & 32		
BioAg Roots & Shoots Biostimulant (litr)	3	2x
Calcium Nitrate (kg)	15	1x
Zinc Sulphate (kg)	0.3	1x
Copper Sulphate (kg)	0.1	1x
Magnesium Sulphate (kg)	5	1x
Urea (kg)	20	1x

*Biologically Activated Phosphate

BioAg Soil & Seed® – provides a complex food supply for micro-organisms in the soil to give them appropriate energy so that **balanced and efficient** nutrients are available to the plants (both roots and herbage). This food supply is a complex of Vitamins, Amino Acids, Hormones (natural), Enzymes, Proteins and special mineral compounds providing high levels of biochemical energy (by-products of humus formation).

BioAg Roots & Shoots® – supplies Vitamins, Hormones, Amino Acids, Enzymes, Proteins and special mineral forms (high biochemical/metabolic energy content). Roots & Shoots feeds the micro-organisms on the plant, is absorbed into the plant, balances it and when the sugars that are made from photosynthesis are shipped back to the roots each night the remainder of the Roots & Shoots is tied in with it. Thus, Roots & Shoots has a stimulating effect on soil micro-organisms to further support plant rhizosphere function.

Both biostimulants act as chelators of added minerals which enhances absorption and efficiency.

BioAg Superb® BAP - is a unique proprietary biologically activated phosphate, that provides stable short and long-term phosphate supply. It does not leach nor lock up ensuring continuous P supply for the duration of a crop. It increases biological activity of phosphorus solubilising microbes (PSM's) to unlock previously applied P. BAP contains plant available calcium and selenium.

Nutrient budget - kg(units)/ha

N	P	K	Ca	Mg	Su
	26.39		73.08		2.03
				34	
					19.35
			561.6		
36.8					
30					34.5
8	17.6				0.8
9.2					
2.325			2.85		
				0.49	0.645
0.00	0.00				
86	44	0	638	35	57