


Step 1 - Paddock Info

Admin	Paddock	Crop	
Grower/Agronomist Name:	Paddock Name:		Soil Type:
Trading Name:	Area (ha):	Planted: / /	Planned Harvest: / /

Step 2 - Fertiliser Plan



Phosphorus Recommended

kg P/ha

Expected Yield

t/ha

Available Soil P

mg/L

Depth (cm)

Olsen P

Fertiliser Applied

Base Fert	%P/100	kg/ha	=	kg P/ha
Starter Fert	%P/100	kg/ha	=	kg P/ha
Sidedress 1	%P/100	kg/ha	=	kg P/ha
Sidedress 2	%P/100	kg/ha	=	kg P/ha
Sidedress 3	%P/100	kg/ha	=	kg P/ha

P Surplus/Deficit

kg P/ha

Crop Removal

Expected Yield (t/ha) × P in Yield (kg P/t) = Crop Removal (kg P/ha)

× 100 = % of Crop Removal

If Available Soil P is **above optimum**, use only a fraction (less than 100%) of your crop's P removal or maintenance rate to 'mine' soil P

If Available Soil P is **below optimum**, apply more P in Fertiliser than your crop's P removal (more than 100%) to **raise soil P levels** through "capital application"

Step 3 - Post Harvest Assessment

Actual P Surplus/Deficit

Actual Yield (t/ha) × P in Yield (kg P/t) = P Exported in Yield (kg P/ha)

Measured Estimate

Soil Rate of Change

Allophanic & Granular (VOLCANIC)	25 kg P/ha
Recent (SANDS) OR Peat (ORGANIC)	13 kg P/ha
Sedimentary (RECENT & BROWN)	10 kg P/ha

Phosphorus Change (Olsen P Change)

units

Crop Harvested: / /

Actual Fertiliser Applied

Base Fert	%P/100	kg/ha	=	kg P/ha
Starter Fert	%P/100	kg/ha	=	kg P/ha
Sidedress 1	%P/100	kg/ha	=	kg P/ha
Sidedress 2	%P/100	kg/ha	=	kg P/ha
Sidedress 3	%P/100	kg/ha	=	kg P/ha

Rate Required to inc. by 1 unit

kg P/ha

If **positive** number, then Olsen P will **increase**

If **negative** number, then Olsen P will **decrease**