

# KINZE 4900 PLANTERS

## Tractor Hydraulic Requirements & Power Beyond

- Planter Lift (red labels)
- Markers / Fold (blue labels)
- Weight Distribution / Bulk Fill / Fertilizer (yellow labels)
- Power Pack / Hydraulic Drive (black labels)
- Vacuum (PTO) (green labels)
- True Depth (Hydraulic Down Force) (yellow or black)

**Notes:**

- » All 4900 Planters require an external case drain hose
- » All SCVs should be set to max flow at all times with the exception of the bulk fill circuit on mechanical machines
- » Tractor RPMs not recommended below 1750 RPMs
- » Consult your tractor manufacturer to ensure proper connection, hydraulic flow pressure and heat dissipation

Model 4900 @ 2350 psi	12R with PTO Pump <sup>1</sup>		12R w/o PTO Pump		16R with PTO Pump <sup>1</sup>		16R w/o PTO Pump		24R with PTO Pump <sup>1</sup>		24R w/o PTO Pump	
Mechanical Configuration	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>
Ground Contact Drive / Row Unit Hoppers / Mechanical Meters			28	3			30	3			32	3
Ground Contact Drive / Bulk Fill / Mechanical Meters			34	3			35	3			36	3
Hydraulic Drive / Row Unit Hoppers / Mechanical Meters			38	4			40	4			42	4
Hydraulic Drive / Row Unit Hoppers / Mechanical Meters / True Depth™ (Hydraulic Down Force) <sup>4</sup>							44	4			48	4
Hydraulic Drive / Bulk Fill / Mechanical Meters			44	4			45	4			46	4
Hydraulic Drive / Bulk Fill / Mechanical Meters / True Depth™ (Hydraulic Down Force) <sup>4</sup>							49	4			52	4
Vacuum Configuration	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>	GPM <sup>2</sup>	SCV <sup>3</sup>
Ground Contact Drive / Row Unit Hoppers / Vacuum Meters	28	3	43	5	28	3	44	5	28	3	45	5
Ground Contact Drive / Bulk Fill / Vacuum Meters	34	3	49	6	35	3	51	6	36	3	53	6
Hydraulic Drive / Row Unit Hoppers / Vacuum Meters	36	4	51	6	36	4	52	6	36	4	53	6
Hydraulic Drive / Row Unit Hoppers / Vacuum Meters / True Depth™ (Hydraulic Down Force) <sup>4</sup>					40	4	56	6	42	4	59	6
Hydraulic Drive / Bulk Fill / Vacuum Meters	42	4	57	6	43	4	59	6	44	4	61	6
Blue Drive™ (Electric Drive) <sup>5</sup> or Hydraulic Drive / Bulk Fill / Vacuum Meters / True Depth™ (Hydraulic Down Force)					47	4			52	4		

<sup>1</sup> PTO Hydraulic pump supplies oil flow for vacuum hydraulic circuit

<sup>2</sup> Add 4 GPM when using centrifugal fertilizer pump option

<sup>3</sup> Power Beyond use will reduce the number of SCVs by 1. Kinze suggests that if Power Beyond must be used, only the bulk fill circuit be connected using all three connections (pressure, return, load sense). Consult your tractor manufacturer for recommendations.

<sup>4</sup> True Depth only available on 16R and 24R for 2019

<sup>5</sup> Electric Drive not available on 12R or 16R for 2019