

Multi-Hybrid Electric Drive – Frequently Asked Questions

What is a Multi Hybrid Planter?

 The Kinze 4900 Multi Hybrid Electric Drive Planter is a 16R bulk fill dual meter machine that allows farmers the opportunity to plant multiple hybrids in the same field with one planter.

How many hybrids can you plant in each field?

o Farmers have the ability to place 2 hybrids in each field.

• When are Multi Hybrid Planters available?

 For the 2015 planting season the 4900 Kinze Multi Hybrid Planter is available in a 16R bulk fill configuration.

• Is there a yield advantage to using a Multi Hybrid Planting?

o Independent multiyear research conducted by Beck's Hybrids has shown a yield advantage of 9.5 bushels per acre.

• What monitor controls a multi hybrid planter?

 Kinze partnered with Raven Industries to bring the Multi Hybrid planter to the market.
 The planter is controlled and monitored by a Raven Envizio Pro Monitor that comes with the planter.

How do I map my fields for Multi Hybrid Planting?

 There are multiple ways to create a hybrid maps for your fields. Once you have your fields mapped by hybrid you will import them into the Envizio Pro as a Shapefile (.shp, .shx, .dbf)

Who can create a Shapefile?

 Anyone (farmers, agronomists, seed dealers, etc.) with desktop mapping software can create the proper file extensions.

• What different ways can be used to select hybrid placement?

 Primarily selections will be based off of soil types, fertility zones or disease prone areas; however the different options for selecting hybrid placement are infinite because the planter will plant hybrids based off of the prescription map that is imported into the display.

Is the Envizio Pro monitor capable of performing tractor auto-steer functions?

 The Envizio Pro is intended to control the multi hybrid planter. If a farmer interested pursuing auto-guidance utilizing the Envizio Pro they are encouraged to consult a Raven sales representative.

www.kinze.com



• If I don't want to use a Raven Envisio Pro can I use another ISOBUS capable display with the planter?

 The only monitor capable of controlling a Kinze 4900 Multi Hybrid Planter is the Raven Envizio Pro.

Is a GPS receiver required?

Yes a 5Hz output GPS receiver is required.

Are there two meters or one?

 Each row unit is equipped with two electrically driven 4000 series vacuum meters that drop seed down the same seed tube based off of the instruction from the Envizio Pro Display.

Where does each seed come from?

 Separate hybrids are placed in each bulk tank. On each row unit the front row unit is feed from the right bulk seed tank while rear meter is fed from the left bulk tank.

• What are the planter's hydraulic requirements?

 The tractor needs to produce a minimum flow of 37 gallons per minute with 4 SCV tractor remotes. The planter does also come with a PTO powered hydraulic pump.

• What planter options can I get with a Multi Hybrid Planter?

The 4900 Multi Hybrid Planter can be equipped with the full array of row unit accessories. The planter can also be equipped with a 400 gallon on board fertilizer tank and centrifugal pump fertilizer system. In addition to fertilizer farmers can equip the planter with Kinze's wave impeller insecticide system

How much additional time should I expect it to take to plant a field with a Multi Hybrid Planter?

None. Once in the field hybrid placement selections are done by your Envizio Pro
monitor automatically and it should not take any additional time in the field to plant.
Preparing mapping for your fields will require an amount of time similar to create
population prescription maps for planting.

• What kind of infield support?

 All Kinze dealers attend annual factory service training to educate them on servicing Kinze products. Kinze dealers also have full access to Kinze and Raven service personnel.

How much do they cost?

 For pricing and availability contact Kinze Manufacturing at 319-668-1300 and ask for Wholegood Sales.

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