

# FIELD CROPS FIELD DAY 2022



**THURSDAY, JUNE 30, 2022**  
**1:30 PM - 5:00 PM**

Hudson Valley Farm Hub  
1875 Hurley Mountain Road  
Hurley, NY 12443



## AGENDA

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**1:30 – 1:45:** Arrive, sign in

**1:45 – 2:00:** Interpretation into  
*Language Justice Team*

**2:00 – 2:15:** Safety talk, overview of the day, introductions  
*Jeff Arnold, Farm Manager*

**2:15 – 2:30:** Farm Hub grains overview  
*Sarah Brannen, Director of Regional and Community Food Initiatives*

**2:30 – 3:00:** Tillage tools discussion, Maschio UFO speed disc demonstration  
*Jaime Villegas, Senior Tractor Operator*

**3:00 – 3:30:** No-till tools discussion, I&J roller crimper demonstration  
*Andrew Casner, Field Crops Coordinator*

**3:30 – 3:45:** Break, refreshments provided

**3:45 – 4:15:** Planting tools discussion, John Deere 1890 air drill and John Deere Max-Emerge 8-row planter demonstration  
*Jesus Gonzales, Senior Tractor Operator*

**4:15 – 4:45:** Cultivation tools discussion, Yetter 3530 rotary hoe demonstration  
*Jesus Gonzales Jr., Tractor Operator*

**4:45 – 5:00:** Final thoughts and wrap up



## EQUIPMENT LIST



### **2018 Maschio UFO short disc 16'**

Speed disc used for primary tillage

### **2018 Maschio UFO short disc 8'**

Speed disc used for primary tillage



### **2015 John Deere 1590 no-till drill 10'**

Gravit-fed box style drill used for both till and no-till planting



## EQUIPMENT LIST



### **2020 John Deere 1890 no-till air drill 30'**

A no-till drill that uses positive air pressure to deliver seed from a single central hopper and metering system, out through a series of tubes to the planting units

### **2018 John Deere 455 grain drill 24'**

A gravity fed box style drill used on tilled ground



### **2018 John Deere BD1113 grain drill 12'**

A gravity-fed box style drill used on tilled ground





## EQUIPMENT LIST



### **2020 Yetter 3530 rotary hoe 30'**

A cultivation tool that uses spoon billed wheels to kill small weeds and break up/aerate crusted soil. Can be used on tilled and no-till ground.

**2014 Einbock tine weeder 26'**  
Kills white thread weeds by shallowly disturbing soil with spring tines



### **2015 I&J roller crimper 10'**

Used to flatten and kill cover crops in roll and crimp no-till systems



## EQUIPMENT LIST



### **2017 I&J roller crimper 24'**

Used to flatten and kill cover crops in roll and crimp no-till systems

### **2008 Unverferth Zone Builder 8-row 20'**

A strip tiller/subsoiler used to break compaction in planting rows immediately before planting



### **2011 John Deere Max Emerge vacuum planter 8-row 20'**

Uses negative air pressure and seed plates to deliver individual seeds to the planting row. Follows immediately after the zone builder.



## ABOUT THE FARM HUB

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The Hudson Valley Farm Hub is a nonprofit agricultural center dedicated to resiliency in the regional food system.

Located on prime farmland in Hurley, NY, the 1500-acre farm operation is a multi-year rotation of organically grown grains, cover crops, and vegetables with an intensive focus on soil health. Along with machine-scale crop production and improved on-farm infrastructure, we have developed a suite of programs and practices to align with our mission of fostering an equitable and ecologically resilient food system

To this end, We provide professional farmer training, host and support agricultural research, and serve as an educational resource for advances in food and farming.

Learn more about the Farm Hub at [hvfarmhub.org](https://hvfarmhub.org)





*Fostering an Equitable and Ecologically Resilient  
Food System in the Hudson Valley.*

[hvfarmhub.org](http://hvfarmhub.org)