



GREENEYE FAQs

HOW FAST CAN YOU TRAVEL WHILE USING THE SELECTIVE SPRAYING SYSTEM?

Greeneye technology allows us to spray at speeds up to 15MPH however we will target 12MPH for precision.

HOW MANY OPERATING MODES DOES GREENEYE HAVE?

Greeneye offers Green on Brown, Green on Green, and manual operating modes.

WHAT IS THE SPRAY RESOLUTION ON THE SELECTIVE SPRAYING LINE?

The Greeneye selective spraying line can spray on a 10-inch x 10-inch resolution, making it the most precise selective spraying solution in the industry.

HOW WILL YOU BE CHARGING FOR APPLICATION?

NuWay-K&H intends to offer 2 options to the grower in year 1. One option will be a flat rate charge on all field acres, just like how we charge for application today. A second option will be consumption based, where a grower will have one lower base charge for application on the entire field, plus an additional charge for only the acres that are selectively sprayed.

IS A 240-GALLON SELECTIVE SPRAYING TANK BIG ENOUGH?

For many applications a 240-gallon tank should be sufficient however if we need added capacity, we will have the ability to utilize our Hagie's 800x800 gallon dual tank configuration.

WHAT PRODUCTS WILL YOU BE APPLYING USING THE GREENEYE SYSTEM?

NuWay-K&H Cooperative is continually evaluating products and will have product packages for growers to choose from in order to simplify the decision process.

AREN'T YOU WORRIED ABOUT LOSING CROP PROTECTION PRODUCT BUSINESS?

NuWay-K&H Cooperative believes that our customers are very progressive, and that adoption of selective spraying technology will help those growers find ways to reallocate their input dollars into additional yield enhancement and site-specific management strategies.

SELECTIVE SPRAYING TECHNOLOGY IS SO NEW, WHY INVEST NOW?

NuWay-K&H Cooperative feels the transition to selective spraying technology is a hard trend with rapid adoption potential and significant value potential. With this belief in mind, we feel it is important to engage ourselves early so we can help our customers more easily adopt and integrate this technology faster.

WHAT ARE THE PRIMARY COMPONENTS USED TO TURN A NORMAL SPRAYER INTO A "SMART SPRAYER"?

The Greeneye system uses 12 GPUs, 24 cameras, 72 illumination lights and 144 individually controlled nozzles. These primary components combined with machine learning and artificial intelligence are what upgrades a standard sprayer to a "smart sprayer".

WHAT CROPS CAN GREENEYE BE USED ON AND AT WHAT ROW SPACINGS?

Greeneye technology can currently be used in corn or soybeans on any row spacing configuration.

HOW EFFECTIVE IS GREENEYE?

A University of Nebraska-Lincoln study conducted in 2022 proved that Greeneye technology was as effective as broadcast applications on broadleaf species and only slightly less effective on grass. With machine learning, the more images the machine collects the more effective it will become.

HOW MUCH DO YOU THINK SELECTIVE SPRAYING WILL REDUCE MY CONTACT HERBICIDE INPUTS?

While every field is different, UNL studies have shown that using selective spraying can reduce contact herbicide use by up to 80% or more.

CAN GREENEYE BE USED FOR THINGS OTHER THAN JUST SPRAYING WEEDS? WHAT ELSE CAN IT DO?

While Greeneye was initially created to selectively spray weeds, we have found it can do much more. The high-resolution cameras can identify weeds by species and map the densities of those weeds to allow for future management, plus the system will also be able to identify nutrient deficiencies, insects, disease, and stress soon. The 10" nozzle configuration allows us to band CPP/PNP products if that is best, plus we can prescriptively apply products to only certain zones within the field if we choose to. Additional uses for Greeneye technology are being regularly discovered and developed.

I AM INTERESTED IN USING GREENEYE TECHNOLOGY ON MY ACRES. WHO DO I CONTACT?

If interested in using Greeneye, please contact one of our Account Managers, or call our Main Office in Trimont, MN at 1-800-445-4118 and someone can assist you there.