KRONE
AMAZONE

SmartSprayer ± N R N N X Y } W Y D O W

- 7 D L P H N D L W V H Y D K H Q G L W H N D V X W X V H kaasaegsete kaamera ja Spot ±pritsimislahenduste N D V X W X V H O H Y } W X
- Taimekaitsevahendite kasutamine tulenevalt D V X N R K D S } K L V H O H S X Q N W L S } K L V H O H Y D M D G X V S } K L V H O H P l l U D W O X V H O H
- . D D V D H J Q H • O L W l S Q H M D V D P D V l l U P taimekaitsetehnika

SmartSprayer ± N R N N X Y } W Y D O W

xarvio Š S } O MAX NAGER

I samm

- 3 } O O X N DSmartSprayer M D W | | N I V N X G H O R R P L Q H
- Herbitsiidide kasutusprogrammi valimine Y } L O R R P L Q H
- Pritsimisintensiivsuse sisestamine

$ Q G P H W H • O H N D Q Q H P D V L Q D V V H

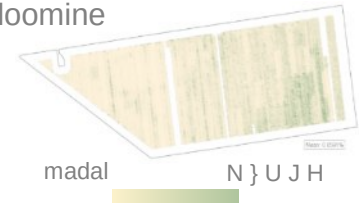
II samm

$ X W R P D D W Q H W | | N D V X H G D V W D P L Q H P D V

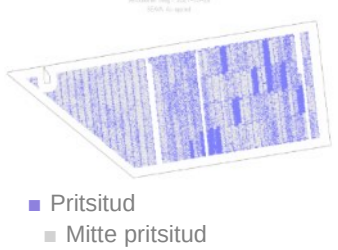
$ Q G P H W H W | | W O H P L Q H

IV samm

Umbrohtumuskaarti loomine



Taimekaitse teostuskaarti loomine



- Automaatne dokumenteerimine xarvio Š FIELD MANAGER-i
- . R J X W X G D Q G P H W H M D N D D U W L G H Y I O M D V W D P L Q H
- 9 } L P D O X V Q H Q G H D Q G P H W H K L O L V H P D N V N D V X W X V H N V

7 D L P H N D L W V H W | | W H R V W X V

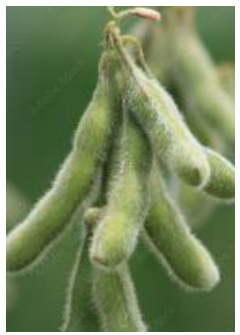
III samm

- Kaameraandmete Y V W X Y } W D P L Q H W O H P L Q H
- 7 | | D Q G P H W H W xarvio Š C O U D P L Q H

SmartSprayer ± N R N N X Y } W Y D O W

(Q Q H P W I U N Roheline pruunil taustal [a]	3 H D O H W I U N D P L V W Roheline rohelisel taustal [a]	/ I K L P W X O Roheline rohelisel taustal [a]

. } L N N X O W X X U W D E L P H G



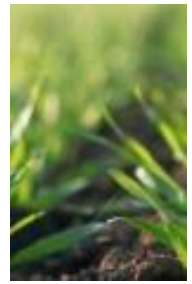
Sojauba (Kaameravaade)

Mais (Kaameravaade)

Suhkrupeet (kaameravaade)

Raps

3 l H Y D O L C P u



Teravili

/ L E O L N } L H O L V H

Puuvill

SmartSprayer 7 } K X±V7 l S Q±H6 l l V W O L N

ƒ 7 } K X V W D L P H N D L W V H
  ƒ Herbitsiidide kokkuhoid kuni 80 %
  ƒ 0 D N V L P D D O Q H P } M X V L K W S L Q G D G H O H

BOSCH BASF SMART FARMING
A Joint Venture of
BOSCH Invented for life
BASF We create chemistry

ƒ h O L W l S Q H W H K Q R O R R J L D
  ƒ 6 L K W P l U J L N L Contour Control ja SwingStop poomijuhtimisele
  ƒ 9 l L N V S H Spot saavutatakse 25cm pihustivahega

AMAZONE

ƒ $ J U R Q R R P L O L Q H O l K H Q H P L Q H
  ƒ Online- H N V S H U W V • V W H H P L O H W X J L Q H Y Q } X V W D P L Q H
  ƒ Pidev dokumenteerimine und optimeerimine

xarvio® Digital Farming Solutions
powered by BASF

ƒ . R Q N U H H W Q H N D V N N R Q Q D V l l V W O L N O l K H
  ƒ Taimekaitsevahendite minimaalne kulu
  ƒ Bioloogilise mitmekesisuse tagamine

Efektiivne taimekaitse

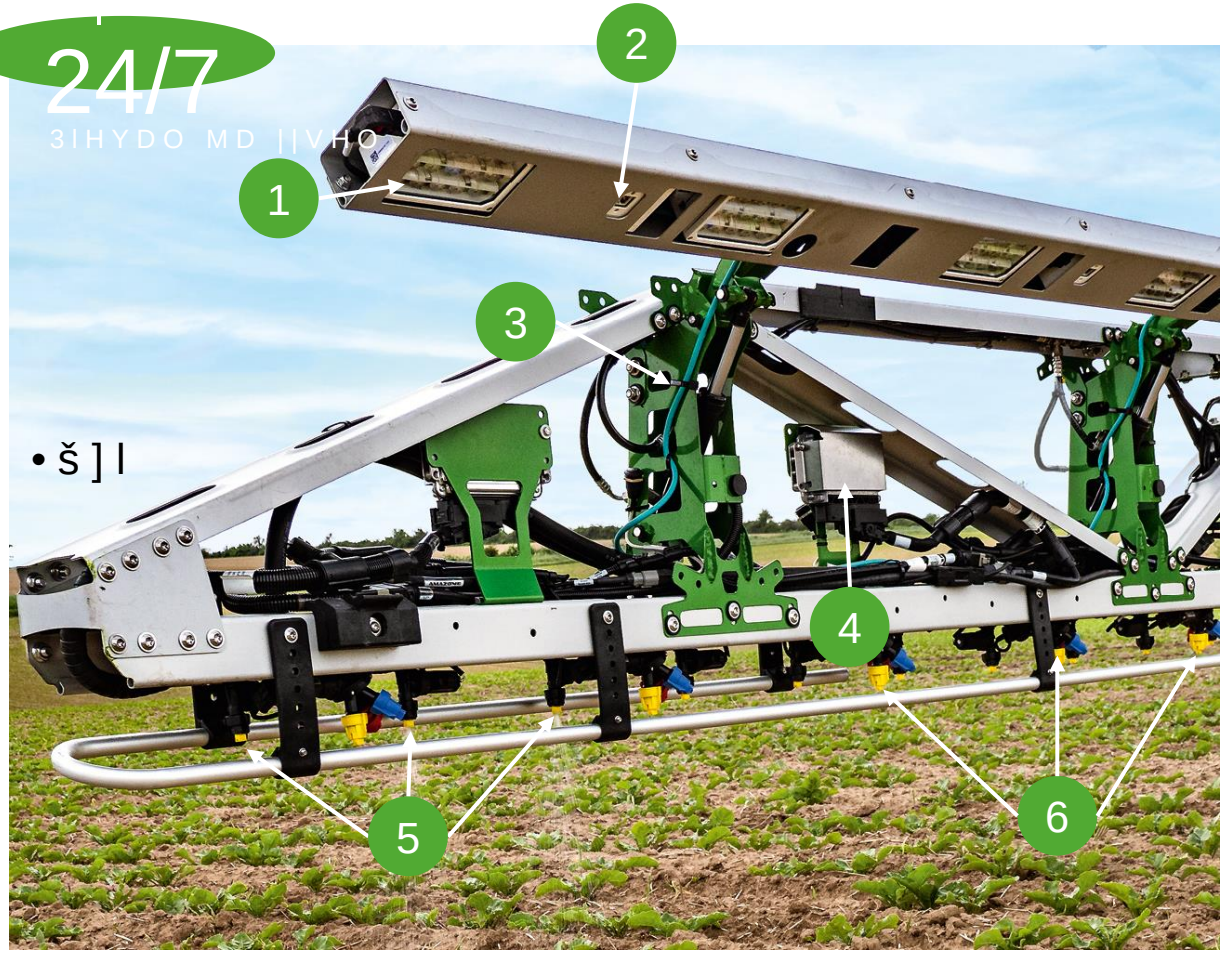
- Herbitsiidide kokkuhoid kuni 80 %*
  - Kaamerajuhtimisega Spot-pritsimine
    USP
    ,QQRYDDWLOLQH YDOJXVOD SIHYDO NXL ||VHO
  - 9ILNHVWH DODWHV VXXUXV umbrohtude avastamine
- 0DNVLPDDOQH P}MX NRQWDNW
  - Maksimaalne herbitsiidi kasutus NRQWDNWSLQQDO YIKHQGDE teket.
  - 9IKHP VWUHVVL NXOWXXUWD kontaktpindadel

*7DLPHNDLWVHYDKHQGL NRNNXKRLG •KHNRUGVHO •OHV}LGXO .RNNXKRLX VXXUXV V}OWXE LOPDVWLNXVW NXOWXXUL VW DMDKHWNHVW XPEURKWXPLVHVW MD W||OH VHDWXG HHVPIUNLGHVW

BOSCH BASF SMART FARMING
A Joint Venture of
BOSCH Invented for life
BASF We create chemistry
xarvio® Digital Farming Solutions powered by BASF

Efektiivne taimekaitse ±teostus

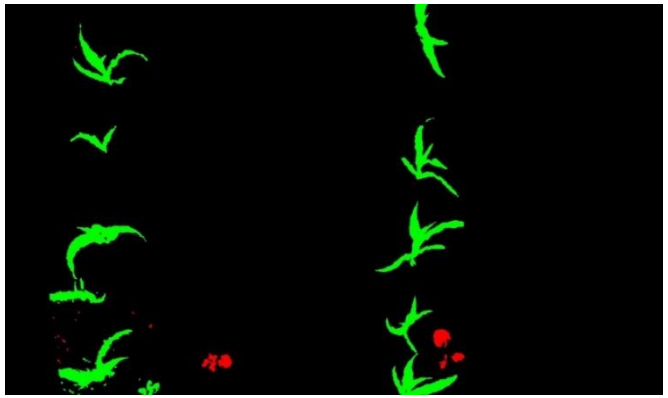
1. Valgusmoodul
2. Kaamera
3. < u Œ •º•š u] iµZšu •š]l
4. Juhtmoodul
5. Spotpritsimise pihustipea 25cm
6. Tavapritsimise pihustipea 50cm

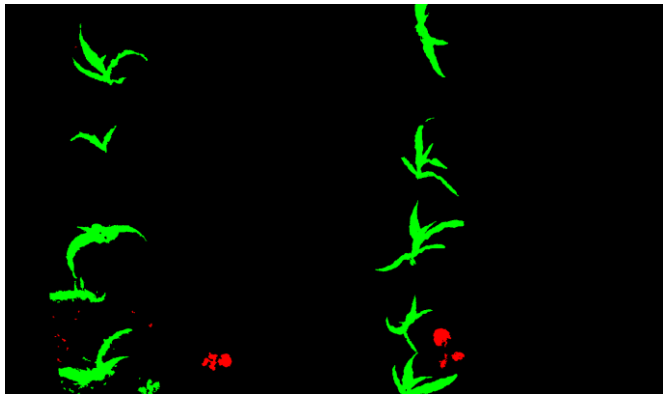


Effektiivne taimekaitse ±teostus

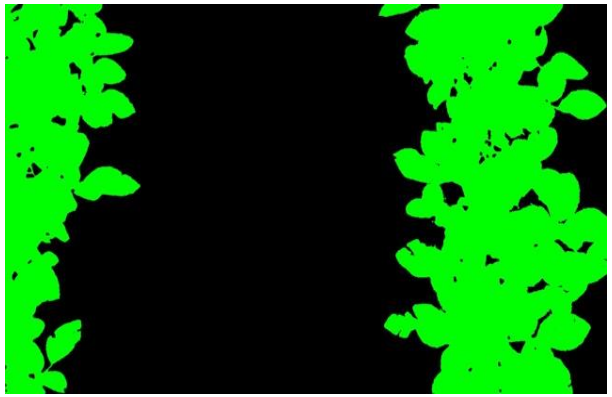
6x6mm

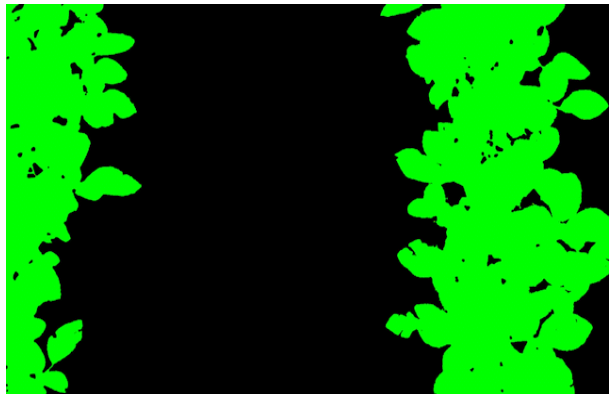
Mais



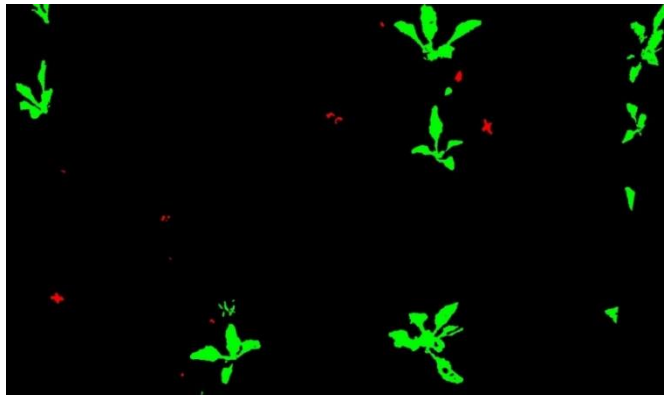


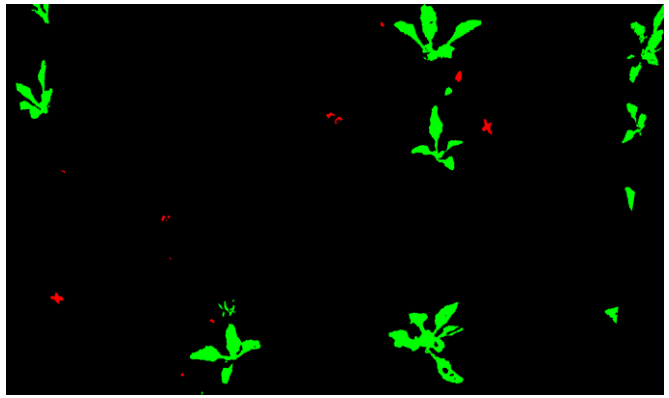
Sooja





Sukrupeet



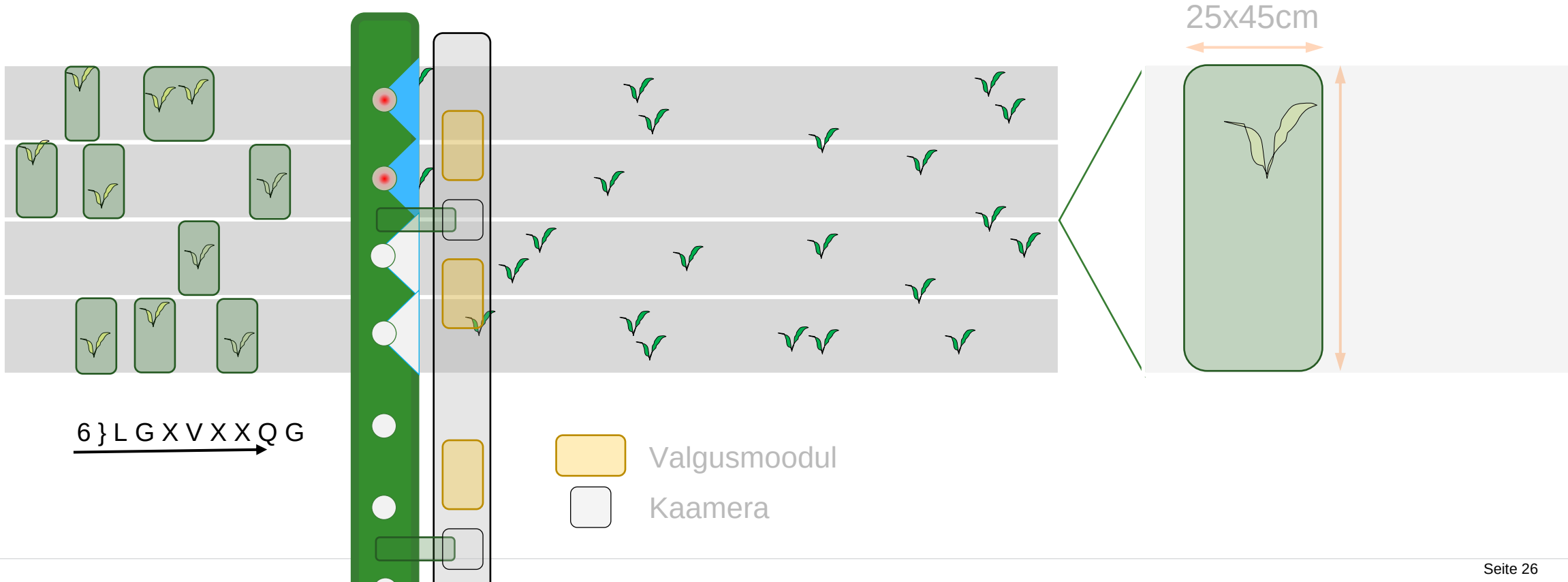


7 l S S L V W H K Q R O R R J L D

- . R Q W D N W S L Q Q D V Control Boom Height and Swing Stop poomijuhtimisele
- USP
  - Optimaalne Spots W H K Q R O R R J L D N D • O L W l S V H O H S R R P L N } U J X V H M
  - / • K L N H V H G O • O L W X V H G W l Q X liikumissuunalistele S R R P L Y } Q J H W H O H
- 9 l L N V H Split W l Q 25 cm pihustivahele
  - 6 X X U W D E D Y X V 25 cm pihustivahele
  - , P S X O V V W H K Q R O R R J L D N L L U H V W H N V

7 l S S L V W H K Q ± t o s k u s R J L D

- 9 D M D G X V S } K L Q H • O L W l S Q H S U L W V L P L Q H
- 0 } Q H G V n d l s e k u n d i d X P E U R K X W X Y D V W D P L V H M D • N V L N S L K X V W L O • O L W X



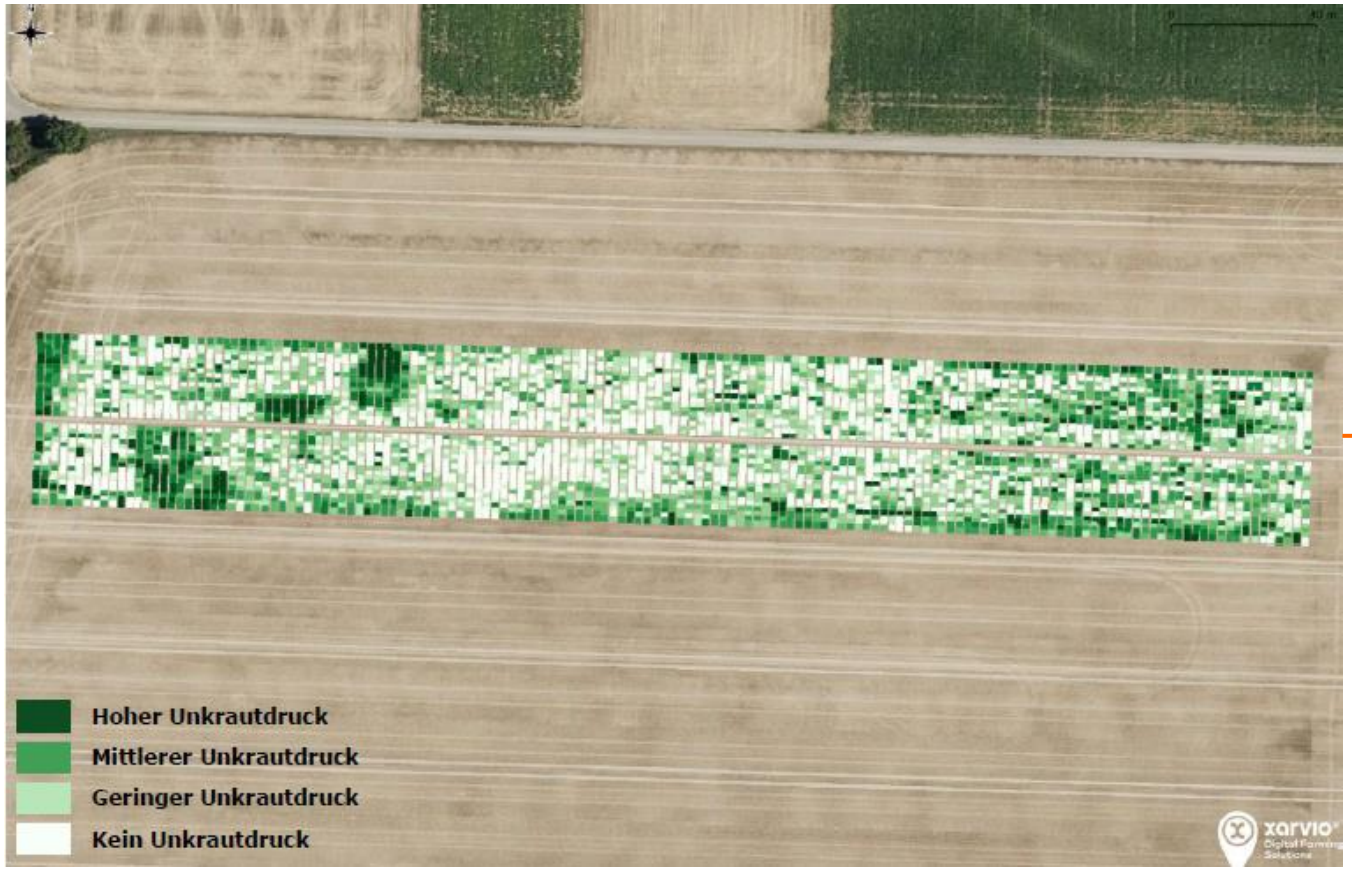
$ J U R Q R R P L O L Q H O I K H Q H P L Q H
- | N R Q R R P L O L Q H M I W N X V X X W O L N X V

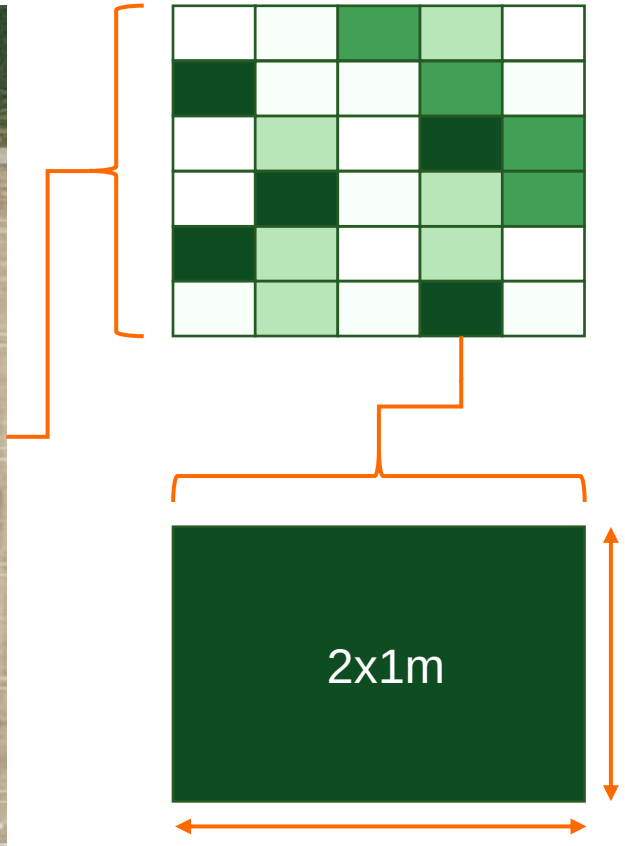
- Taimekaitseline Q } X V W D P L Q H • O H H N V S H U W V • V W H H P L O H
- USP
  - Agronomic Decision Engine (ADE) - ehk siis muutuva intensiivsuseristuse /muutuvate pritsimisnormidega pritsimisotsused
  - . } L N H K } O P D Y D G S } O O X S } K L V kasutussoovitused
- Pidev dokumenteerimine ja optimeerimine
  - 7 | | W - J a X W brohtumuskaartistus hilisemaks agronoomiliseks hinnanguks/ L Q I R W | | W O X V H N V
  - $ U Y H V W D G H V D V X N R K D N • O Y L N R U U D M D otsustaja individuaalsete eelistustega.

$ J U R Q R R P L O L Q H Ötlemüüs H P L Q H

- | N R Q R R P L O L Q H M l W N X V X X W O L N X V

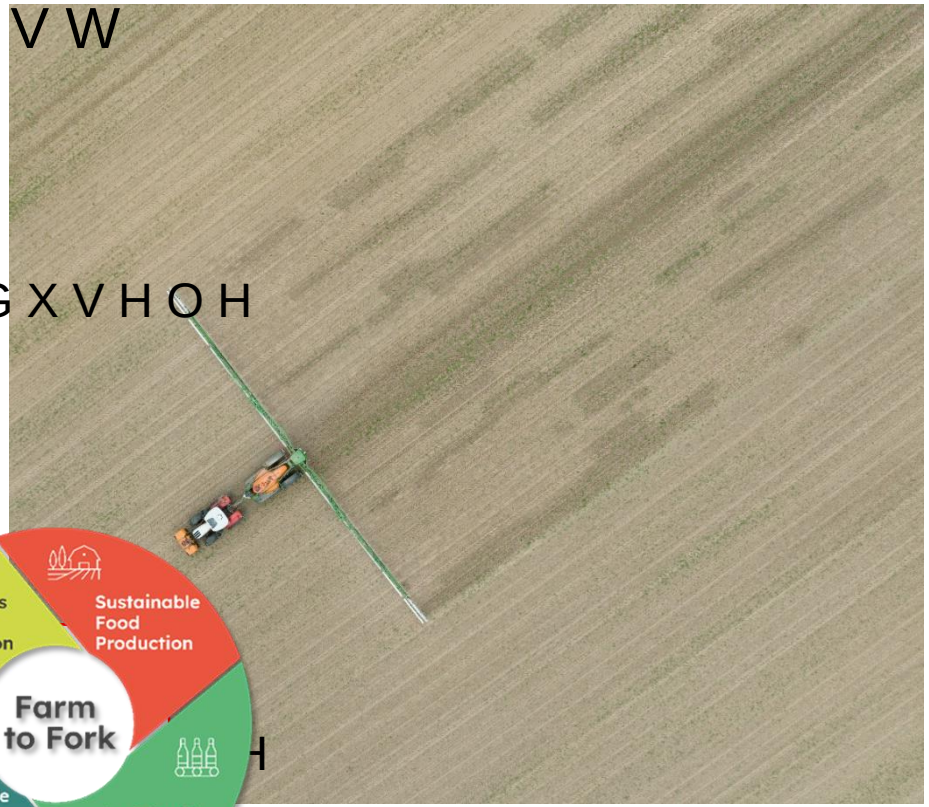
- Informatsioon umbohtumusest ja teostatud pritsimisest aitavad edasisel planeerimisel
  N D V V L L V V H O O H Y } L M l U J P L V H O D D V W D O





.RQNUHHWQH NHVNNRQQD VIIVW
-|NRORRJLOLQH MIWNXVXXWOLNXV

- Minimaalne taimekaitsevahendite kasutamine
  - 9ILNVHP NRRUPXV ORRGXVHOH
  - 6RRY YIKHQGDGD taimekaitsevahendite kasutust oleks reaalne



- Bioloogilise mitmekesisuse suurendamine
  - +HUELWVLLGLGH YI[illegible]H
  - Aktsepteeritava MIINXPERK[illegible] juhtimine

EUrahatsatudprojekt
LIFE SMART SPRAYER
Demonstration of an agronomy-integrated see & spray technology for a more sustainable use of pesticide in agriculture

Aktullane informatsioon

www.amazone.de/smartsprayer

Edukat hooaega !

-DDQXV 3}OGPDD