



OUTDOOR AGRO R&D

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# Demo onkruidbestrijding in Schorseneren

## Herbiciden

Project nummer: 5588

Trial nummer: 5588

Start proef: 03-05-2021

Einde proef: 22-06-2021

Land: Nederland

EU-zone: Central zone (Maritime EPPO-zone)



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## Inhoudsopgave

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## Project details

|                  |   |
|------------------|---|
| Project nummer:  | 5588  |
| Proefnummer:     | 5588  |
| Proef titel:     | Demo onkruidbestrijding in Schorseneren<br>Herbiciden |
| Geldverstrekker: | Stichting TOG   |
| Contractor:      | Exploras Agro Development BV                          |
| Jaar:            | 2021  |
| EU-zone:         | Central zone (Maritime EPPO-zone)                     |
| Land:            | Nederland   |
| Locatie:         | Kaatsheuvel   |

## Samenvatting

Het doel van deze proef was het testen van verschillende strategieën met onkruidbestrijding in de teelt van Schorseneren. Hiervoor is een proef opgezet met 14 objecten. In deze 14 objecten zijn verschillende productcombinaties gebruikt. In deze productcombinaties zijn middelen gebruikt zonder toelating en deze mogen helaas niet openbaar getoond worden. In dit zal alleen gesproken worden over welke strategie het beste resultaat geeft. Extra is object 14 geschoffeld om te screenen of schoffelen potentie heeft in de teelt van Schorseneren. Er zijn in totaal vijf verschillende toepassingsmomenten geweest. Toepassing A was een toepassing voor het zaaien en alleen toegepast in object 2. Toepassing B is uitgevoerd na zaaien, voor opkomst, toepassing C in het eerste blad stadium, toepassing D in het tweede blad stadium, toepassing E in het vierde blad stadium. Geschoffeld in object 14 is er bij het tweede en derde blad stadium.

Gedurende de proef was het gewas in een goede staat. Op de dagen van de toepassingen was er geen extreem weer, en ook gedurende de hele proefperiode heeft het weer geen negatief effect gehad op de proef. In deze proef kwamen er vijf onkruidsoorten voor met een voldoende dichtheid en spreiding over het proefveld. De beoordeelde onkruiden zijn: *Urtica urens* (46,25 pla/m<sup>2</sup>), *Chenopodium album* (50,25 pla/m<sup>2</sup>), *Stellaria media* (10,5 pla/m<sup>2</sup>), *Poa annua* (3,5 pla/m<sup>2</sup>), *Solanum nigrum* (9,5 pla/m<sup>2</sup>). Ook wordt de totale onkruidruk beoordeeld onder de naam TTTTT (120 pla/m<sup>2</sup>).

Er zijn geen significante verschillen waargenomen tussen de strategieën.

Strategie 4 laat in deze proef het beste resultaat zien, Schoffelen in schorseneren laat in deze proef een slecht resultaat zien. Er is spuitschade waargenomen in strategieën 2,3,4,5,6,7,8,9,10 en 13 waarbij de objecten met Lentagran 0,35kg/ha de hoogste graad van spuitschade lieten zien. Objecten 11 en 12 laten geen spuitschade zien en kunnen als veilig worden beschouwd voor schorseneren.

## Inleiding

Het doel van deze proef was het testen van verschillende strategieën met onkruidbestrijding in de teelt van Schorseneren. Hiervoor is een proef opgezet met 14 objecten. In deze 14 objecten zijn verschillende productcombinaties gebruikt. In deze productcombinaties zijn middelen gebruikt zonder toelating en deze mogen helaas niet openbaar getoond worden. In dit zal alleen gesproken worden over welke strategie het beste resultaat geeft. Extra is object 14 geschouwd om te screenen of schouwen potentie heeft in de teelt van Schorseneren. Er zijn in totaal vijf verschillende toepassingsmomenten geweest. Toepassing A was een toepassing voor het zaaien en alleen toegepast in object 2. Toepassing B is uitgevoerd na zaaien, voor opkomst, toepassing C in het eerste blad stadium, toepassing D in het tweede blad stadium, toepassing E in het vierde blad stadium. Geschouwd in object 14 is er bij het tweede en derde blad stadium.

## Materiaal en methode

### A. Behandelingen

Tabel 1 spuitschema

| Trt No. | Type  |              | Appl Code                         |
|---------|---|--------------|-----------------------------------|
| 1       | CHK   | Strategie 1  |                                   |
| 2       | HERB<br>HERB<br>HERB<br>HERB<br>ADJ<br>HERB         | Strategie 2  | A<br>B<br>B<br>C<br>DE<br>C<br>DE |
| 3       | HERB<br>HERB<br>HERB<br>HERB<br>ADJ<br>HERB         | Strategie 3  | B<br>B<br>C<br>DE<br>C<br>DE      |
| 4       | HERB<br>HERB<br>HERB<br>HERB<br>ADJ<br>HERB<br>HERB | Strategie 4  | B<br>B<br>C<br>DE<br>C<br>DE<br>B |
| 5       | HERB<br>HERB<br>HERB<br>ADJ<br>HERB<br>HERB         | Strategie 5  | B<br>B<br>C<br>C<br>DE<br>DE      |
| 6       | HERB<br>ADJ<br>HERB<br>HERB<br>HERB                 | Strategie 6  | B<br>C<br>C<br>DE<br>DE           |
| 7       | HERB<br>HERB<br>ADJ<br>HERB<br>HERB                 | Strategie 7  | B<br>C<br>C<br>DE<br>DE           |
| 8       | HERB<br>HERB<br>HERB<br>HERB<br>HERB                | Strategie 8  | B<br>B<br>C<br>D<br>E             |
| 9       | HERB<br>HERB<br>HERB<br>HERB<br>HERB                | Strategie 9  | B<br>B<br>C<br>D<br>E             |
| 10      | HERB<br>HERB<br>HERB<br>HERB<br>HERB                | Strategie 10 | B<br>B<br>C<br>D<br>E             |
| 11      | HERB<br>HERB<br>HERB<br>HERB<br>HERB                | Strategie 11 | B<br>B<br>C<br>D<br>E             |
| 12      | HERB<br>HERB<br>HERB<br>HERB                        | Strategie 12 | B<br>B<br>C<br>DE                 |
| 13      | HERB<br>HERB<br>HERB<br>HERB<br>HERB                | Strategie 13 | B<br>B<br>C<br>DE<br>CDE          |
| 14      | APPL  | Strategie 14 | BC                                |

## B. Locatie

|   |   |
|---|---|
| <b>Trial Location</b>                       |   |
| <b>City:</b> Kaatsheuvel                    | <b>Country:</b> NLD Netherlands           |
| <b>State/Prov.:</b> Noord-Brabant           |   |
| <b>Postal Code:</b> 5171 NC                 | <b>Climate Zone:</b> EPOMAR EPPO Maritime |
| <b>Latitude of LL Corner °:</b> 51,640152 N |   |
| <b>Longitude of LL Corner °:</b> 5,01576 E  |   |

## C. Opzet van de proef

|   |   |
|---|---|
| <b>Site and Design</b>                        |   |
| <b>Treated Plot Width:</b> 3 m                | <b>Site Type:</b> FIELD field                 |
| <b>Treated Plot Length:</b> 7,5 m             | <b>Experimental Unit:</b> 1 PLOT plot         |
| <b>Treated Plot Area:</b> 22,5 m <sup>2</sup> | <b>Tillage Type:</b> CONTIL conventional-till |
| <b>Replications:</b> 4                        | <b>Treatments:</b> 14                         |

## D. Gewas beschrijving

|   |                                      |
|---|--------------------------------------|
| <b>Crop Description</b>                     |                                      |
| <b>Crop 1:</b> C SCVHI Scorzonera hispanica | Oyster plant <b>BBCH Scale:</b> BDIC |
| <b>Entry Date:</b> 30-6-2021                | <b>Stage Scale:</b> BBCH             |
| <b>Variety:</b> Duplex                      |                                      |
| <b>Row Spacing:</b> 37,5 cm                 |                                      |
| <b>Spacing within Row:</b> 5 cm             |                                      |

## E. Onkruid beschrijving

|                       |                                      |                              |
|-----------------------|--------------------------------------|------------------------------|
| <b>Pest 1 Type:</b> W | <b>Code:</b> URTUR Urtica urens      | <b>Entry Date:</b> 30-6-2021 |
| <b>Common Name:</b>   | Burning nettle                       | <b>Stage Scale:</b> BBCH     |
| <b>Pest 2 Type:</b> W | <b>Code:</b> CHEAL Chenopodium album | <b>Entry Date:</b> 30-6-2021 |
| <b>Common Name:</b>   | common lambsquarters                 | <b>Stage Scale:</b> BBCH     |
| <b>Pest 3 Type:</b> W | <b>Code:</b> STEME Stellaria media   | <b>Entry Date:</b> 30-6-2021 |
| <b>Common Name:</b>   | Common chickweed                     | <b>Stage Scale:</b> BBCH     |
| <b>Pest 4 Type:</b> W | <b>Code:</b> POAAN Poa annua         | <b>Entry Date:</b> 30-6-2021 |
| <b>Common Name:</b>   | Annual bluegrass                     | <b>Stage Scale:</b> BBCH     |
| <b>Pest 5 Type:</b> W | <b>Code:</b> SOLNI Solanum nigrum    | <b>Entry Date:</b> 30-6-2021 |
| <b>Common Name:</b>   | Black nightshade                     | <b>Stage Scale:</b> BBCH     |
| <b>Pest 6 Type:</b> W | <b>Code:</b> TTTT Weed plants        | <b>Entry Date:</b> 30-6-2021 |
| <b>Common Name:</b>   | Weed plants                          | <b>Stage Scale:</b> BBCH     |

## F. Bodem

### Soil Description

Texture: S sand

## G. Toepassingsinformatie

Tabel 2 Toepassingen

|  | A             | B             | C             | D             | E             |
|--|---------------|---------------|---------------|---------------|---------------|
| <b>Application Date</b>                | 28-4-2021     | 8-5-2021      | 28-5-2021     | 4-6-2021      | 11-6-2021     |
| <b>Appl. Start Time</b>                | 9:00          | 9:15          | 10:00         | 9:00          | 8:45          |
| <b>Appl. Stop Time</b>                 | 9:10          | 10:30         | 11:30         | 10:15         | 10:00         |
| <b>Interval to Prev. Appl.</b>         |               | 10 DAYS       | 20 DAYS       | 7 DAYS        | 7 DAYS        |
| <b>Application Method</b>              | SPRAY         | SPRAY         | SPRAY         | SPRAY         | SPRAY         |
| <b>Application Timing</b>              | PRETRA        | PRETRA        | ACCRST        | FIINSP        | FIINSP        |
| <b>Application Placement</b>           | BROSOI        | BROSOI        | BROFOL        | BROFOL        | BROFOL        |
| <b>Applied By</b>                      | A. Krösschell | A. Krösschell | A. Krösschell | A. Krösschell | A. Krösschell |
| <b>Appl. Entry Date</b>                | 30-6-2021     | 30-6-2021     | 30-6-2021     | 30-6-2021     | 30-6-2021     |
| <b>Air Temperature Start, Stop</b>     | 10; 10 C      | 12; 12 C      | 15; 15 C      | 22; 22 C      | 22; 22 C      |
| <b>% Relative Humidity Start, Stop</b> | 60; 60        | 53; 53        | 69; 69        | 77; 77        | 86; 86        |
| <b>Wind Velocity+Dir. Start</b>        | 2 MPS; NE     | 5 MPS; S      | 1 MPS; N      | 2 MPS; SW     | 3 MPS; W      |
| <b>Wind Velocity+Dir. Stop</b>         | 2 MPS; NE     | 5 MPS; S      | 1 MPS; N      | 2 MPS; SW     | 3 MPS; W      |
| <b>Wind Velocity+Dir. Max</b>          | 2 MPS; NE     | 5 MPS; S      | 1 MPS; N      | 2 MPS; SW     | 3 MPS; W      |
| <b>Wet Leaves (Y/N)</b>                | N; no         | N; no         | N; no         | N; no         | N; no         |
| <b>Soil Temperature</b>                | 10 C          | 12 C          | 17 C          | 23 C          | 22 C          |
| <b>Soil Moisture</b>                   | DRY           | SLIWET        | SLIWET        | DRY           | DRY           |
| <b>% Cloud Cover</b>                   | 10            | 100           | 40            | 90            | 10            |

Tabel 3 gewasstand tijdens de toepassingen

|                                  | A           | B           | C           | D           | E           |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Crop 1 Code, BBCH Scale</b>   | SCVHI; BDIC | SCVHI; BDIC | SCVHI; BDIC | SCVHI; BDIC | SCVHI; BDIC |
| <b>Stage Majority, Percent</b>   | 0; 100      | 3; 100      | 11; 80      | 12; 80      | 14; 70      |
| <b>Stage Minimum, Percent</b>    | 0; 100      | 3; 100      | 11; 80      | 11; 5       | 12; 30      |
| <b>Stage Maximum, Percent</b>    | 0; 100      | 3; 100      | 14; 20      | 14; 15      | 14; 70      |
| <b>Diameter Average</b>          | 0 cm        | 0 cm        | 2 cm        | 3 cm        | 4 cm        |
| <b>Diameter Minimum, Maximum</b> | 0; 0        | 0; 0        | 1; 2        | 1; 3        | 2; 4        |
| <b>Height Average</b>            | 0 cm        | 0 0         | 2 cm        | 3 cm        | 6 cm        |
| <b>Height Minimum, Maximum</b>   | 0; 0        | 0; 0        | 1; 3        | 1; 4        | 2; 8        |
| <b>Density Average</b>           | 0 %         | 0 %         | 10 %        | 10 %        | 20 %        |

Tabel 4 spuitapparatuur tijdens de toepassingen

|                           | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> |
|---------------------------|----------|----------|----------|----------|----------|
| <b>Appl. Equipment</b>    | EAD-SB-2 | EAD-SB-2 | EAD-SB-2 | EAD-SB-2 | EAD-SB-2 |
| <b>Equipment Type</b>     | BACCAI   | BACCAI   | BACCAI   | BACCAI   | BACCAI   |
| <b>Operation Pressure</b> | 2 BAR    | 2 BAR    | 2 BAR    | 2 BAR    | 2 BAR    |
| <b>Nozzle Model</b>       | 11002    | 11002    | 11002    | 11002    | 11002    |
| <b>Nozzle Type</b>        | FLAFAN   | FLAFAN   | FLAFAN   | FLAFAN   | FLAFAN   |
| <b>Nozzle Spacing</b>     | 50,0 cm  | 50,0 cm  | 50,0 cm  | 50,0 cm  | 50,0 cm  |
| <b>Nozzles/Row</b>        | 6,0      | 6,0      | 6,0      | 6,0      | 6,0      |
| <b>Band Width</b>         | 3,0 m    | 3,0 m    | 3,0 m    | 3,0 m    | 3,0 m    |
| <b>Boom ID</b>            | EAD-SB-2 | EAD-SB-2 | EAD-SB-2 | EAD-SB-2 | EAD-SB-2 |
| <b>Boom Length</b>        | 3,0 m    | 3,0 m    | 3,0 m    | 3,0 m    | 3,0 m    |
| <b>Boom Height</b>        | 50,0 cm  | 50,0 cm  | 50,0 cm  | 50,0 cm  | 50,0 cm  |
| <b>Carrier</b>            | WATER    | WATER    | WATER    | WATER    | WATER    |
| <b>Application Amount</b> | 300 L/ha | 300 L/ha | 300 L/ha | 300 L/ha | 300 L/ha |
| <b>Mix Overage</b>        | 0,12 L   | 0,12 L   | 0,12 L   | 0,12 L   | 0,12 L   |
| <b>Mix Size</b>           | 2,28 L   | 2,28 L   | 2,28 L   | 2,28 L   | 2,28 L   |
| <b>Propellant</b>         | COMAIR   | COMAIR   | COMAIR   | COMAIR   | COMAIR   |

## H. Waarnemingen

### 1 Effectiviteit

Beoordeel elk veldje, per onkruidsoort op percentage bestrijding ten opzichte van onbehandeld. Geef daarbij ook een cijfer voor bestrijding totaal.  
Bij een grote onkruid dichtheid geeft een cijfer voor de bodembedekking per onkruidsoort.

### 2 Selectiviteit (Fyto)

Beoordeel op fyto totaal, schaal 0 (0= geen fyto) 100 (100= volledig afgestorven).  
Bij verschillende symptomen maak een onderscheid (necrose, chlorose, remming, vervorming). Geef een beoordeling per symptoom. Bij fyto maak altijd (detail) foto's van de symptomen!

### 3 Gewasstand

Noteer de gewasstand van elk object in de schaal van 0-10.

### Waarnemingsmomenten

19 dagen na B  
7 dagen na C  
7 dagen na D  
6 dagen na E

## I. Statistische analyse

De data wordt geanalyseerd met de ANOVA ( $p=0,05$ ) gevolgd door de Student-Newman-Keuls test.  
De resultaten met dezelfde letter worden als niet significant gezien.

## J. Weer

April 2021: Erg zonnig en extreem koud. Gemiddelde temperatuur 6,7 graden waar 9,8 graden normaal is. Neerslag 41 mm tegen 40 normaal. 287 zonuren tegen 178 normaal.

Mei 2021: Erg koud en erg nat. Gemiddelde temperatuur 11,2 graden tegen 13,4 graden normaal. Neerslag 90 mm tegen 55 normaal en 200 zonuren tegen 225 normaal.

Juni 2021: Erg warm, nat, en zonnig. Gemiddelde temperatuur 18,2 graden tegen 16,2 graden normaal. Neerslag 94 mm tegen 66 normaal. Zonuren 247 tegen 214 normaal.

Voor gedetailleerde weer gegevens zie bijlage 4.

## Resultaten en discussie

### K. Algemeen

Gedurende de proef was het gewas in een goede staat. Op de dagen van de toepassingen was er geen extreem weer, en ook gedurende de hele proefperiode heeft het weer geen negatief effect gehad op de proef. In deze proef kwamen er vijf onkruidsoorten voor met een voldoende dichtheid en spreiding over het proefveld. De beoordeelde onkruiden zijn: *Urtica urens* (46,25 pla/m<sup>2</sup>), *Chenopodium album* (50,25 pla/m<sup>2</sup>), *Stellaria media* (10,5 pla/m<sup>2</sup>), *Poa annua* (3,5 pla/m<sup>2</sup>), *Solanum nigrum* (9,5 pla/m<sup>2</sup>). Ook wordt de totale onkruiddruk beoordeeld onder de naam TTTTT (120 pla/m<sup>2</sup>).

## L. Gewasstand

Tabel 5 Gewasstand, 19DAB, 7DAC, 7DAD, 6DAE

| Rating Timing               |                 |            |                | A1               | A2               | A3               | A4               |
|-----------------------------|-----------------|------------|----------------|------------------|------------------|------------------|------------------|
| Rating Date                 |                 |            |                | 27-5-2021        | 4-6-2021         | 11-6-2021        | 17-6-2021        |
| Trt-Eval Interval           |                 |            |                | 19 DA-B          | 7 DA-C           | 7 DA-D           | 6 DA-E           |
| Crop Scientific Name        |                 |            |                | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> |
| Crop Stage Majority/Min/Max |                 |            |                | 11; 11; 11       | 12; 12; 12       | 14; 14; 14       | 15; 15; 15       |
| Part Rated                  |                 |            |                | PLANT; C         | PLANT; C         | PLANT; C         | PLANT; C         |
| Rating Type                 |                 |            |                | VIGOR            | VIGOR            | VIGOR            | VIGOR            |
| Rating Unit/Min/Max         |                 |            |                | 1-10; 1; 10      | 1-10; 1; 10      | 1-10; 1; 10      | 1-10; 1; 10      |
| Sample Size                 |                 |            |                | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           |
| Trt No.                     | Treatment Name  | Rate       | Appl Unit Code | 1*               | 11*              | 22*              | 37*              |
| 1                           | Untreated Check |            |                | 10,0 a           | 10,0 a           | 9,8 a            | 9,8 a            |
| 2                           | Bonalan         | 6 l/ha     | A              | 10,0 a           | 10,0 a           | 9,8 a            | 9,8 a            |
|                             | Kerb            | 1,875 l/ha | B              |                  |                  |                  |                  |
|                             | Stomp           | 1,50 l/ha  | B              |                  |                  |                  |                  |
|                             | Lentagran       | 0,25 kg/ha | C              |                  |                  |                  |                  |
|                             | Lentagran       | 0,35 kg/ha | DE             |                  |                  |                  |                  |
|                             | Uitvloeier      |            | C              |                  |                  |                  |                  |
|                             | Wing P          | 0,35 l/ha  | DE             |                  |                  |                  |                  |
| 3                           | Kerb            | 1,875 l/ha | B              | 10,0 a           | 10,0 a           | 10,0 a           | 10,0 a           |
|                             | Stomp           | 1,50 l/ha  | B              |                  |                  |                  |                  |
|                             | Lentagran       | 0,25 kg/ha | C              |                  |                  |                  |                  |
|                             | Lentagran       | 0,35 kg/ha | DE             |                  |                  |                  |                  |
|                             | Uitvloeier      |            | C              |                  |                  |                  |                  |
|                             | Wing P          | 0,35 l/ha  | DE             |                  |                  |                  |                  |
|                             | Strategie 4     |            |                | 10,0 a           | 10,0 a           | 9,8 a            | 9,8 a            |
|                             | Strategie 5     |            |                | 10,0 a           | 10,0 a           | 9,3 a            | 9,3 a            |
|                             | Strategie 6     |            |                | 10,0 a           | 10,0 a           | 9,5 a            | 9,5 a            |
|                             | Strategie 7     |            |                | 10,0 a           | 10,0 a           | 9,5 a            | 9,5 a            |
|                             | Strategie 8     |            |                | 10,0 a           | 10,0 a           | 9,5 a            | 9,5 a            |

|                            |    |        |        |        |        |
|----------------------------|----|--------|--------|--------|--------|
| Strategie 9                |    | 10,0 a | 10,0 a | 9,3 a  | 9,3 a  |
| Strategie 10               |    | 10,0 a | 10,0 a | 10,0 a | 10,0 a |
| Strategie 11               |    | 10,0 a | 10,0 a | 10,0 a | 10,0 a |
| Strategie 12               |    | 10,0 a | 10,0 a | 9,0 a  | 9,0 a  |
| Strategie 13               |    | 10,0 a | 10,0 a | 9,0 a  | 9,0 a  |
| 14 mechanical weed control | BC | 10,0 a | 10,0 a | 10,0 a | 10,0 a |
| LSD P=.05                  |    | .      | .      | 1,01   | 1,01   |
| Standard Deviation         |    | 0,00   | 0,00   | 0,71   | 0,71   |
| CV                         |    | 0,0    | 0,0    | 7,38   | 7,38   |
| Grand Mean                 |    | 10,00  | 10,00  | 9,59   | 9,59   |
| Replicate F                |    | 0,000  | 0,000  | 0,795  | 0,795  |
| Replicate Prob(F)          |    | 1,0000 | 1,0000 | 0,5039 | 0,5039 |
| Treatment F                |    | 0,000  | 0,000  | 1,044  | 1,044  |
| Treatment Prob(F)          |    | 1,0000 | 1,0000 | 0,4325 | 0,4325 |

De gewasstand is beoordeeld in de een schaal van 0-10 waarbij 10 is best. De gewasstand in bovenstaande tabel is vooral gebaseerd op spuitschade, en in het geval van onbehandeld op verdringing van de onkruiden. Er zijn geen significante verschillen te zien ten aanzien van de gewasstand.

### M. Gewasveiligheid

Tabel 6 Spuitschade, Spuitschade totaal, chlorose, 19DAB, 7DAC, 7DAD, 6DAE

| Rating Timing               |                 | A1               | A2               | A3               | A3               | A4               | A4               |        |        |
|-----------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|
| Rating Date                 |                 | 27-5-2021        | 4-6-2021         | 11-6-2021        | 11-6-2021        | 17-6-2021        | 17-6-2021        |        |        |
| Trt-Eval Interval           |                 | 19 DA-B          | 7 DA-C           | 7 DA-D           | 7 DA-D           | 6 DA-E           | 6 DA-E           |        |        |
| Crop Scientific Name        |                 | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> |        |        |
| Crop Stage Majority/Min/Max |                 | 11; 11; 11       | 12; 12; 12       | 14; 1; 14        | 14; 14; 14       | 15; 15; 15       | 15; 15; 15       |        |        |
| Part Rated                  |                 | PLANT; C         | PLANT; C         | PLANT; C         | PLANT; C         | PLANT; C         | PLANT; C         |        |        |
| Rating Type                 |                 | PHYGEN           | PHYGEN           | PHYCHL           | PHYGEN           | PHYCHL           | PHYGEN           |        |        |
| Rating Unit/Min/Max         |                 | %; 0; 100        | %; 0; 100        | %; 0; 100        | %; 0; 100        | %; 0; 100        | %; 0; 100        |        |        |
| Sample Size                 |                 | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           |        |        |
| Trt No.                     | Treatment Name  | Rate             | Appl Unit Code   | 2*               | 12*              | 23*              | 24*              | 38*    | 39*    |
| 1                           | Untreated Check |                  |                  | 0,0 a            | 0,0 a            | 0,0 a            | 0,0 a            | 0,0 a  | 0,0 a  |
| 2                           | Bonalan         | 6 l/ha           | A                | 0,0 a            | 0,0 a            | 2,5 a            | 2,5 a            | 2,5 a  | 2,5 a  |
|                             | Kerb            | 1,875 l/ha       | B                |                  |                  |                  |                  |        |        |
|                             | Stomp           | 1,50 l/ha        | B                |                  |                  |                  |                  |        |        |
|                             | Lentagran       | 0,25 kg/ha       | C                |                  |                  |                  |                  |        |        |
|                             | Lentagran       | 0,35 kg/ha       | DE               |                  |                  |                  |                  |        |        |
|                             | Uitvloeier      |                  | C                |                  |                  |                  |                  |        |        |
|                             | Wing P          | 0,35 l/ha        | DE               |                  |                  |                  |                  |        |        |
| 3                           | Kerb            | 1,875 l/ha       | B                | 0,0 a            | 0,0 a            | 5,0 a            | 5,0 a            | 5,0 a  | 5,0 a  |
|                             | Stomp           | 1,50 l/ha        | B                |                  |                  |                  |                  |        |        |
|                             | Lentagran       | 0,25 kg/ha       | C                |                  |                  |                  |                  |        |        |
|                             | Lentagran       | 0,35 kg/ha       | DE               |                  |                  |                  |                  |        |        |
|                             | Uitvloeier      |                  | C                |                  |                  |                  |                  |        |        |
|                             | Wing P          | 0,35 l/ha        | DE               |                  |                  |                  |                  |        |        |
|                             | Strategie 4     |                  |                  | 0,0 a            | 0,0 a            | 6,3 a            | 6,3 a            | 6,3 a  | 6,3 a  |
|                             | Strategie 5     |                  |                  | 0,0 a            | 0,0 a            | 17,5 a           | 17,5 a           | 17,5 a | 17,5 a |
|                             | Strategie 6     |                  |                  | 0,0 a            | 0,0 a            | 7,5 a            | 7,5 a            | 7,5 a  | 7,5 a  |
|                             | Strategie 7     |                  |                  | 0,0 a            | 0,0 a            | 10,0 a           | 10,0 a           | 10,0 a | 10,0 a |
|                             | Strategie 8     |                  |                  | 0,0 a            | 0,0 a            | 12,5 a           | 12,5 a           | 12,5 a | 12,5 a |
|                             | Strategie 9     |                  |                  | 0,0 a            | 0,0 a            | 5,0 a            | 5,0 a            | 5,0 a  | 5,0 a  |

|                            |    |       |       |        |        |        |        |
|----------------------------|----|-------|-------|--------|--------|--------|--------|
| Strategie 10               |    | 0,0 a | 0,0 a | 1,3 a  | 1,3 a  | 1,3 a  | 1,3 a  |
| Strategie 11               |    | 0,0 a | 0,0 a | 0,0 a  | 0,0 a  | 0,0 a  | 0,0 a  |
| Strategie 12               |    | 0,0 a | 0,0 a | 0,0 a  | 0,0 a  | 0,0 a  | 0,0 a  |
| Strategie 13               |    | 0,0 a | 0,0 a | 15,0 a | 15,0 a | 15,0 a | 15,0 a |
| 14 mechanical weed control | BC | 0,0 a | 0,0 a | 0,0 a  | 0,0 a  | 0,0 a  | 0,0 a  |

In deze proef is ook spuitschade waargenomen. In bovenstaande tabellen is onderscheid gemaakt in totale spuitschade en chlorose.

De eerste spuitschade was waargenomen 7 dagen na toepassing D. Vooral strategie 5 en 13 hadden op dat moment veel chlorose (17,5% en 15%). Ook in andere strategieën, uitgezonderd objecten 11, 12, 14 en onbehandeld, was er spuitschade zichtbaar. Vooral de objecten waar Lentagran 0,35 kg/ha was toegepast vertoonden de grootste mate van spuitschade. De waargenomen spuitschade van waarnemingsmoment A3 is gedurende proef niet meer hersteld.

## N. Effectiviteit

Tabel 7 effectiviteit op URTUR, CHEAL, STEME, POAAN, 19DAB

| Rating Timing               |            |      |      | A1         | A1         | A1         | A1         |
|-----------------------------|------------|------|------|------------|------------|------------|------------|
| Rating Date                 |            |      |      | 27-5-2021  | 27-5-2021  | 27-5-2021  | 27-5-2021  |
| Trt-Eval Interval           |            |      |      | 19 DA-B    | 19 DA-B    | 19 DA-B    | 19 DA-B    |
| Crop Type, Code             |            |      |      | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |            |      |      | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 |
| Pest Code                   |            |      |      | URTUR      | CHEAL      | STEME      | POAAN      |
| Pest Stage Majority/Min/Max |            |      |      | 10; 10; 10 | 10; 10; 10 | 11; 11; 11 | 12; 12; 12 |
| Part Rated                  |            |      |      | PLANT; P   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |            |      |      | EFFICI     | EFFICI     | EFFICI     | EFFICI     |
| Rating Unit/Min/Max         |            |      |      | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |            |      |      | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt Treatment               | Rate       | Appl |      | 3*         | 4*         | 5*         | 6*         |
| No. Name                    | Rate       | Unit | Code |            |            |            |            |
| 1 Untreated Check           |            |      |      | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 a      |
| 2 Bonalan                   | 6 l/ha     | A    |      | 95,0 a     | 96,3 a     | 96,3 a     | 100,0 a    |
| Kerb                        | 1,875 l/ha | B    |      |            |            |            |            |
| Stomp                       | 1,50 l/ha  | B    |      |            |            |            |            |
| Lentagran                   | 0,25 kg/ha | C    |      |            |            |            |            |
| Lentagran                   | 0,35 kg/ha | DE   |      |            |            |            |            |
| Uitvloeier                  |            | C    |      |            |            |            |            |
| Wing P                      | 0,35 l/ha  | DE   |      |            |            |            |            |
| 3 Kerb                      | 1,875 l/ha | B    |      | 93,8 a     | 95,0 a     | 100,0 a    | 100,0 a    |
| Stomp                       | 1,50 l/ha  | B    |      |            |            |            |            |
| Lentagran                   | 0,25 kg/ha | C    |      |            |            |            |            |
| Lentagran                   | 0,35 kg/ha | DE   |      |            |            |            |            |
| Uitvloeier                  |            | C    |      |            |            |            |            |
| Wing P                      | 0,35 l/ha  | DE   |      |            |            |            |            |
| Strategie 4                 |            |      |      | 97,5 a     | 97,5 a     | 100,0 a    | 100,0 a    |
| Strategie 5                 |            |      |      | 92,5 a     | 95,0 a     | 98,8 a     | 100,0 a    |
| Strategie 6                 |            |      |      | 95,0 a     | 92,5 a     | 97,5 a     | 100,0 a    |
| Strategie 7                 |            |      |      | 86,3 a     | 95,0 a     | 97,5 a     | 100,0 a    |

| Rating Timing               | A1         | A1         | A1         | A1         |
|-----------------------------|------------|------------|------------|------------|
| Rating Date                 | 27-5-2021  | 27-5-2021  | 27-5-2021  | 27-5-2021  |
| Trt-Eval Interval           | 19 DA-B    | 19 DA-B    | 19 DA-B    | 19 DA-B    |
| Crop Type, Code             | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 |
| Pest Code                   | URTUR      | CHEAL      | STEME      | POAAN      |
| Pest Stage Majority/Min/Max | 10; 10; 10 | 10; 10; 10 | 11; 11; 11 | 12; 12; 12 |
| Part Rated                  | PLANT; P   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 | EFFICI     | EFFICI     | EFFICI     | EFFICI     |
| Rating Unit/Min/Max         | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt Treatment               | Rate       | Appl       |            |            |
| No. Name                    | Rate       | Unit       | Code       |            |
| Strategie 8                 | 95,0 a     |            |            | 100,0 a    |
| Strategie 9                 | 86,3 a     |            |            | 100,0 a    |
| Strategie 10                | 95,0 a     |            |            | 100,0 a    |
| Strategie 11                | 87,5 a     |            |            | 100,0 a    |
| Strategie 12                | 95,0 a     |            |            | 100,0 a    |
| Strategie 13                | 90,0 a     |            |            | 100,0 a    |
| 14 mechanical weed control  |            | BC         |            | 0,0 a      |
| LSD P=.05                   | 11,82      |            |            | .          |
| Standard Deviation          | 8,26       |            |            | 0,00       |
| CV                          | 10,43      |            |            | 0,0        |
| Grand Mean                  | 79,20      |            |            | 85,71      |
| Replicate F                 | 0,582      |            |            | 0,000      |
| Replicate Prob(F)           | 0,6303     |            |            | 1,0000     |
| Treatment F                 | 66,724     |            |            | 0,000      |
| Treatment Prob(F)           | 0,0001     |            |            | 1,0000     |

Tabel 8 bodembedekking, URTUR, CHEAL, STEME, POAAN, 19DAB

| Rating Timing               |                 |            |           | A1         | A1         | A1         | A1         |
|-----------------------------|-----------------|------------|-----------|------------|------------|------------|------------|
| Rating Date                 |                 |            |           | 27-5-2021  | 27-5-2021  | 27-5-2021  | 27-5-2021  |
| Trt-Eval Interval           |                 |            |           | 19 DA-B    | 19 DA-B    | 19 DA-B    | 19 DA-B    |
| Crop Type, Code             |                 |            |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                 |            |           | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 |
| Pest Code                   |                 |            |           | URTUR      | CHEAL      | STEME      | POAAN      |
| Pest Stage Majority/Min/Max |                 |            |           | 10; 10; 10 | 10; 10; 10 | 11; 11; 11 | 12; 12; 12 |
| Part Rated                  |                 |            |           | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                 |            |           | GROUND     | GROUND     | GROUND     | GROUND     |
| Rating Unit/Min/Max         |                 |            |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                 |            |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name  | Rate       | Appl Code | 7*         | 8*         | 9*         | 10*        |
| 1                           | Untreated Check |            |           | 4,0 b      | 3,8 b      | 2,0 b      | 0,0 b      |
| 2                           | Bonalan         | 6 l/ha     | A         | 1,8 b      | 1,8 b      | 0,8 b      | 0,0 b      |
|                             | Kerb            | 1,875 l/ha | B         |            |            |            |            |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |
| 3                           | Kerb            | 1,875 l/ha | B         | 1,0 b      | 0,5 b      | 0,0 b      | 0,0 b      |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |
|                             | Strategie 4     |            |           | 0,3 b      | 0,3 b      | 0,0 b      | 0,0 b      |
|                             | Strategie 5     |            |           | 2,8 b      | 2,5 b      | 0,3 b      | 0,0 b      |
|                             | Strategie 6     |            |           | 0,5 b      | 0,8 b      | 0,3 b      | 0,0 b      |
|                             | Strategie 7     |            |           | 3,3 b      | 1,3 b      | 0,5 b      | 0,0 b      |
|                             | Strategie 8     |            |           | 0,8 b      | 0,8 b      | 0,3 b      | 0,0 b      |

|                             |                            |      |      |            |            |            |            |        |
|-----------------------------|----------------------------|------|------|------------|------------|------------|------------|--------|
| Rating Timing               |                            |      |      | A1         | A1         | A1         | A1         |        |
| Rating Date                 |                            |      |      | 27-5-2021  | 27-5-2021  | 27-5-2021  | 27-5-2021  |        |
| Trt-Eval Interval           |                            |      |      | 19 DA-B    | 19 DA-B    | 19 DA-B    | 19 DA-B    |        |
| Crop Type, Code             |                            |      |      | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |        |
| Crop Stage Majority/Min/Max |                            |      |      | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 | 11; 11; 11 |        |
| Pest Code                   |                            |      |      | URTUR      | CHEAL      | STEME      | POAAN      |        |
| Pest Stage Majority/Min/Max |                            |      |      | 10; 10; 10 | 10; 10; 10 | 11; 11; 11 | 12; 12; 12 |        |
| Part Rated                  |                            |      |      | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |        |
| Rating Type                 |                            |      |      | GROUND     | GROUND     | GROUND     | GROUND     |        |
| Rating Unit/Min/Max         |                            |      |      | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |        |
| Sample Size                 |                            |      |      | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |        |
| Trt No.                     | Treatment Name             | Rate | Unit | Appl Code  | 7*         | 8*         | 9*         | 10*    |
|                             | Strategie 9                |      |      |            | 4,0 b      | 2,3 b      | 0,5 b      | 0,0 b  |
|                             | Strategie 10               |      |      |            | 1,0 b      | 0,5 b      | 0,0 b      | 0,0 b  |
|                             | Strategie 11               |      |      |            | 2,0 b      | 1,3 b      | 0,0 b      | 0,0 b  |
|                             | Strategie 12               |      |      |            | 2,5 b      | 2,5 b      | 0,0 b      | 0,0 b  |
|                             | Strategie 13               |      |      |            | 3,0 b      | 1,5 b      | 0,3 b      | 0,0 b  |
|                             | 14 mechanical weed control |      | BC   |            | 40,0 a     | 26,3 a     | 10,3 a     | 2,8 a  |
|                             | LSD P=.05                  |      |      |            | 10,68      | 9,90       | 3,19       | 1,01   |
|                             | Standard Deviation         |      |      |            | 7,47       | 6,92       | 2,23       | 0,70   |
|                             | CV                         |      |      |            | 156,6      | 211,73     | 208,13     | 357,83 |
|                             | Grand Mean                 |      |      |            | 4,77       | 3,27       | 1,07       | 0,20   |
|                             | Replicate F                |      |      |            | 0,309      | 0,631      | 0,977      | 1,000  |
|                             | Replicate Prob(F)          |      |      |            | 0,8189     | 0,5994     | 0,4135     | 0,4031 |
|                             | Treatment F                |      |      |            | 7,490      | 3,736      | 5,835      | 4,373  |
|                             | Treatment Prob(F)          |      |      |            | 0,0001     | 0,0007     | 0,0001     | 0,0002 |

Tabel 9 werking op, URTUR, CHEAL, STEME, POAAN, 7DAC

| Rating Timing               |                 |            |                | A2         | A2         | A2         | A2         |
|-----------------------------|-----------------|------------|----------------|------------|------------|------------|------------|
| Rating Date                 |                 |            |                | 4-6-2021   | 4-6-2021   | 4-6-2021   | 4-6-2021   |
| Trt-Eval Interval           |                 |            |                | 7 DA-C     | 7 DA-C     | 7 DA-C     | 7 DA-C     |
| Crop Type, Code             |                 |            |                | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                 |            |                | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 |
| Pest Code                   |                 |            |                | URTUR      | CHEAL      | STEME      | POAAN      |
| Pest Stage Majority/Min/Max |                 |            |                | 12; 12; 12 | 12; 10; 14 | 12; 10; 25 | 12; 12; 12 |
| Part Rated                  |                 |            |                | PLANT; P   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                 |            |                | EFFICI     | EFFICI     | EFFICI     | EFFICI     |
| Rating Unit/Min/Max         |                 |            |                | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                 |            |                | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name  | Rate       | Appl Unit Code | 13*        | 14*        | 15*        | 16*        |
| 1                           | Untreated Check |            |                | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b      |
| 2                           | Bonalan         | 6 l/ha     | A              | 96,3 a     | 96,3 a     | 98,8 a     | 98,8 a     |
|                             | Kerb            | 1,875 l/ha | B              |            |            |            |            |
|                             | Stomp           | 1,50 l/ha  | B              |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C              |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE             |            |            |            |            |
|                             | Uitvloeier      |            | C              |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE             |            |            |            |            |
| 3                           | Kerb            | 1,875 l/ha | B              | 91,3 a     | 88,8 a     | 91,3 a     | 100,0 a    |
|                             | Stomp           | 1,50 l/ha  | B              |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C              |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE             |            |            |            |            |
|                             | Uitvloeier      |            | C              |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE             |            |            |            |            |
|                             | Strategie 4     |            |                | 95,0 a     | 95,0 a     | 95,0 a     | 97,5 a     |
|                             | Strategie 5     |            |                | 87,5 a     | 87,5 a     | 80,0 a     | 95,0 a     |
|                             | Strategie 6     |            |                | 88,8 a     | 88,8 a     | 93,8 a     | 97,5 a     |
|                             | Strategie 7     |            |                | 68,8 a     | 70,0 a     | 72,5 a     | 75,0 a     |
|                             | Strategie 8     |            |                | 90,0 a     | 90,0 a     | 87,5 a     | 85,0 a     |

| Rating Timing               |                            |      |           | A2         | A2         | A2         | A2         |
|-----------------------------|----------------------------|------|-----------|------------|------------|------------|------------|
| Rating Date                 |                            |      |           | 4-6-2021   | 4-6-2021   | 4-6-2021   | 4-6-2021   |
| Trt-Eval Interval           |                            |      |           | 7 DA-C     | 7 DA-C     | 7 DA-C     | 7 DA-C     |
| Crop Type, Code             |                            |      |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                            |      |           | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 |
| Pest Code                   |                            |      |           | URTUR      | CHEAL      | STEME      | POAAN      |
| Pest Stage Majority/Min/Max |                            |      |           | 12; 12; 12 | 12; 10; 14 | 12; 10; 25 | 12; 12; 12 |
| Part Rated                  |                            |      |           | PLANT; P   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                            |      |           | EFFICI     | EFFICI     | EFFICI     | EFFICI     |
| Rating Unit/Min/Max         |                            |      |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                            |      |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name             | Rate | Appl Code | 13*        | 14*        | 15*        | 16*        |
|                             | Strategie 9                |      |           | 83,8 a     | 81,3 a     | 65,0 a     | 82,5 a     |
|                             | Strategie 10               |      |           | 95,0 a     | 90,0 a     | 95,0 a     | 95,0 a     |
|                             | Strategie 11               |      |           | 78,8 a     | 81,3 a     | 78,8 a     | 88,8 a     |
|                             | Strategie 12               |      |           | 95,0 a     | 95,0 a     | 87,5 a     | 92,5 a     |
|                             | Strategie 13               |      |           | 90,0 a     | 92,5 a     | 96,3 a     | 87,5 a     |
|                             | 14 mechanical weed control |      | BC        | 10,0 b     | 10,0 b     | 10,0 b     | 10,0 b     |
|                             | LSD P=.05                  |      |           | 22,73      | 23,98      | 29,75      | 24,91      |
|                             | Standard Deviation         |      |           | 15,89      | 16,77      | 20,80      | 17,42      |
|                             | CV                         |      |           | 20,79      | 22,02      | 27,7       | 22,07      |
|                             | Grand Mean                 |      |           | 76,43      | 76,16      | 75,09      | 78,93      |
|                             | Replicate F                |      |           | 1,174      | 0,920      | 0,384      | 0,581      |
|                             | Replicate Prob(F)          |      |           | 0,3321     | 0,4401     | 0,7654     | 0,6312     |
|                             | Treatment F                |      |           | 15,429     | 13,651     | 9,061      | 13,632     |
|                             | Treatment Prob(F)          |      |           | 0,0001     | 0,0001     | 0,0001     | 0,0001     |

Tabel 10 bodembedekking, URTUR, CHEAL, STEME, POAAN, totale bedekking, 7DAC

| Rating Timing               |                 | A2         | A2         | A2         | A2         | A2         |       |       |       |
|-----------------------------|-----------------|------------|------------|------------|------------|------------|-------|-------|-------|
| Rating Date                 |                 | 4-6-2021   | 4-6-2021   | 4-6-2021   | 4-6-2021   | 4-6-2021   |       |       |       |
| Trt-Eval Interval           |                 | 7 DA-C     | 7 DA-C     | 7 DA-C     | 7 DA-C     | 7 DA-C     |       |       |       |
| Crop Type, Code             |                 | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |       |       |       |
| Crop Stage Majority/Min/Max |                 | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 |       |       |       |
| Pest Code                   |                 | URTUR      | CHEAL      | STEME      | POAAN      | TTTTT      |       |       |       |
| Pest Stage Majority/Min/Max |                 | 12; 12; 12 | 12; 10; 14 | 12; 10; 25 | 12; 12; 12 | 12; 12; 12 |       |       |       |
| Part Rated                  |                 | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |       |       |       |
| Rating Type                 |                 | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     |       |       |       |
| Rating Unit/Min/Max         |                 | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |       |       |       |
| Sample Size                 |                 | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |       |       |       |
| Trt No.                     | Treatment Name  | Rate       | Appl Unit  | Code       | 17*        | 18*        | 19*   | 20*   | 21*   |
| 1                           | Untreated Check |            |            |            | 6,8 b      | 6,8 b      | 3,5 b | 1,8 b | 8,3 b |
| 2                           | Bonalan         | 6 l/ha     | A          |            | 0,8 b      | 0,8 b      | 0,3 b | 0,3 b | 0,8 b |
|                             | Kerb            | 1,875 l/ha | B          |            |            |            |       |       |       |
|                             | Stomp           | 1,50 l/ha  | B          |            |            |            |       |       |       |
|                             | Lentagran       | 0,25 kg/ha | C          |            |            |            |       |       |       |
|                             | Lentagran       | 0,35 kg/ha | DE         |            |            |            |       |       |       |
|                             | Uitvloeier      |            | C          |            |            |            |       |       |       |
|                             | Wing P          | 0,35 l/ha  | DE         |            |            |            |       |       |       |
| 3                           | Kerb            | 1,875 l/ha | B          |            | 1,3 b      | 1,5 b      | 0,8 b | 0,0 b | 1,5 b |
|                             | Stomp           | 1,50 l/ha  | B          |            |            |            |       |       |       |
|                             | Lentagran       | 0,25 kg/ha | C          |            |            |            |       |       |       |
|                             | Lentagran       | 0,35 kg/ha | DE         |            |            |            |       |       |       |
|                             | Uitvloeier      |            | C          |            |            |            |       |       |       |
|                             | Wing P          | 0,35 l/ha  | DE         |            |            |            |       |       |       |
|                             | Strategie 4     |            |            |            | 0,8 b      | 0,8 b      | 0,8 b | 0,5 b | 0,8 b |
|                             | Strategie 5     |            |            |            | 1,8 b      | 1,0 b      | 1,0 b | 0,5 b | 1,8 b |
|                             | Strategie 6     |            |            |            | 1,0 b      | 1,3 b      | 1,0 b | 0,5 b | 1,3 b |
|                             | Strategie 7     |            |            |            | 3,3 b      | 2,8 b      | 1,5 b | 0,3 b | 4,3 b |
|                             | Strategie 8     |            |            |            | 1,0 b      | 0,8 b      | 0,8 b | 0,8 b | 1,0 b |

| Rating Timing               |                            |      |           | A2         | A2         | A2         | A2         | A2         |
|-----------------------------|----------------------------|------|-----------|------------|------------|------------|------------|------------|
| Rating Date                 |                            |      |           | 4-6-2021   | 4-6-2021   | 4-6-2021   | 4-6-2021   | 4-6-2021   |
| Trt-Eval Interval           |                            |      |           | 7 DA-C     | 7 DA-C     | 7 DA-C     | 7 DA-C     | 7 DA-C     |
| Crop Type, Code             |                            |      |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                            |      |           | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 | 12; 12; 12 |
| Pest Code                   |                            |      |           | URTUR      | CHEAL      | STEME      | POAAN      | TTTTT      |
| Pest Stage Majority/Min/Max |                            |      |           | 12; 12; 12 | 12; 10; 14 | 12; 10; 25 | 12; 12; 12 | 12; 12; 12 |
| Part Rated                  |                            |      |           | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                            |      |           | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     |
| Rating Unit/Min/Max         |                            |      |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                            |      |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name             | Rate | Appl Code | 17*        | 18*        | 19*        | 20*        | 21*        |
|                             | Strategie 9                |      |           | 3,0 b      | 3,0 b      | 2,5 b      | 0,8 b      | 4,0 b      |
|                             | Strategie 10               |      |           | 1,0 b      | 1,8 b      | 0,8 b      | 0,8 b      | 1,8 b      |
|                             | Strategie 11               |      |           | 2,0 b      | 2,0 b      | 1,3 b      | 0,8 b      | 2,8 b      |
|                             | Strategie 12               |      |           | 1,8 b      | 2,0 b      | 2,0 b      | 1,0 b      | 2,5 b      |
|                             | Strategie 13               |      |           | 1,5 b      | 1,0 b      | 1,0 b      | 1,0 b      | 2,0 b      |
|                             | 14 mechanical weed control |      | BC        | 37,5 a     | 31,3 a     | 9,0 a      | 3,3 a      | 38,8 a     |
|                             | LSD P=.05                  |      |           | 10,75      | 11,34      | 3,60       | 1,16       | 10,45      |
|                             | Standard Deviation         |      |           | 7,52       | 7,93       | 2,51       | 0,81       | 7,31       |
|                             | CV                         |      |           | 166,43     | 196,52     | 135,37     | 94,73      | 143,57     |
|                             | Grand Mean                 |      |           | 4,52       | 4,04       | 1,86       | 0,86       | 5,09       |
|                             | Replicate F                |      |           | 0,615      | 0,656      | 1,002      | 0,650      | 0,753      |
|                             | Replicate Prob(F)          |      |           | 0,6093     | 0,5841     | 0,4022     | 0,5877     | 0,5272     |
|                             | Treatment F                |      |           | 6,551      | 4,056      | 3,132      | 3,950      | 7,325      |
|                             | Treatment Prob(F)          |      |           | 0,0001     | 0,0003     | 0,0029     | 0,0004     | 0,0001     |

Tabel 11 effectiviteit, URTUR, CHEAL, STEME, POAAN, SOLNI, totale werking, 7DAD

| Rating Timing               |                 |            |           | A3         | A3         | A3         | A3         | A3         | A3         |
|-----------------------------|-----------------|------------|-----------|------------|------------|------------|------------|------------|------------|
| Rating Date                 |                 |            |           | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  |
| Trt-Eval Interval           |                 |            |           | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     |
| Crop Type, Code             |                 |            |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                 |            |           | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Pest Code                   |                 |            |           | URTUR      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |
| Pest Stage Majority/Min/Max |                 |            |           | 14; 14; 14 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Part Rated                  |                 |            |           | PLANT; P   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                 |            |           | EFFICI     | EFFICI     | EFFICI     | EFFICI     | EFFICI     | EFFICI     |
| Rating Unit/Min/Max         |                 |            |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                 |            |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name  | Rate       | Appl Code | 25*        | 26*        | 27*        | 28*        | 29*        | 30*        |
| 1                           | Untreated Check |            |           | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b      |
| 2                           | Bonalan         | 6 l/ha     | A         | 92,5 a     | 92,5 a     | 98,8 a     | 98,8 a     | 100,0 a    | 93,8 a     |
|                             | Kerb            | 1,875 l/ha | B         |            |            |            |            |            |            |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |            |            |
| 3                           | Kerb            | 1,875 l/ha | B         | 95,0 a     | 88,8 a     | 96,3 a     | 100,0 a    | 100,0 a    | 91,3 a     |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |            |            |
|                             | Strategie 4     |            |           | 97,5 a     | 95,0 a     | 96,3 a     | 98,8 a     | 100,0 a    | 96,3 a     |
|                             | Strategie 5     |            |           | 87,5 a     | 80,0 a     | 85,0 a     | 97,5 a     | 97,5 a     | 87,5 a     |
|                             | Strategie 6     |            |           | 85,0 a     | 80,0 a     | 86,3 a     | 97,5 a     | 97,5 a     | 81,3 a     |
|                             | Strategie 7     |            |           | 67,5 a     | 65,0 a     | 91,3 a     | 72,5 a     | 100,0 a    | 70,0 a     |
|                             | Strategie 8     |            |           | 77,5 a     | 66,3 a     | 72,5 a     | 85,0 a     | 95,0 a     | 70,0 a     |

| Rating Timing               |                            |      |           | A3         | A3         | A3         | A3         | A3         | A3         |
|-----------------------------|----------------------------|------|-----------|------------|------------|------------|------------|------------|------------|
| Rating Date                 |                            |      |           | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  |
| Trt-Eval Interval           |                            |      |           | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     |
| Crop Type, Code             |                            |      |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                            |      |           | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Pest Code                   |                            |      |           | URTUR      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |
| Pest Stage Majority/Min/Max |                            |      |           | 14; 14; 14 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Part Rated                  |                            |      |           | PLANT; P   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                            |      |           | EFFICI     | EFFICI     | EFFICI     | EFFICI     | EFFICI     | EFFICI     |
| Rating Unit/Min/Max         |                            |      |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                            |      |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name             | Rate | Appl Code | 25*        | 26*        | 27*        | 28*        | 29*        | 30*        |
|                             | Strategie 9                |      |           | 75,0 a     | 45,0 a     | 70,0 a     | 75,0 a     | 75,0 a     | 52,5 a     |
|                             | Strategie 10               |      |           | 76,3 a     | 70,0 a     | 77,5 a     | 68,8 a     | 67,5 a     | 72,5 a     |
|                             | Strategie 11               |      |           | 68,8 a     | 52,5 a     | 63,8 a     | 68,8 a     | 50,0 a     | 57,5 a     |
|                             | Strategie 12               |      |           | 92,5 a     | 61,3 a     | 73,8 a     | 92,5 a     | 93,8 a     | 76,3 a     |
|                             | Strategie 13               |      |           | 97,5 a     | 95,0 a     | 97,5 a     | 97,5 a     | 100,0 a    | 95,0 a     |
|                             | 14 mechanical weed control |      | BC        | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b      |
|                             | LSD P=.05                  |      |           | 29,33      | 33,97      | 31,51      | 35,86      | 34,56      | 30,76      |
|                             | Standard Deviation         |      |           | 20,51      | 23,75      | 22,03      | 25,07      | 24,17      | 21,50      |
|                             | CV                         |      |           | 28,36      | 37,31      | 30,58      | 33,35      | 31,43      | 31,9       |
|                             | Grand Mean                 |      |           | 72,32      | 63,66      | 72,05      | 75,18      | 76,88      | 67,41      |
|                             | Replicate F                |      |           | 0,364      | 1,241      | 0,911      | 0,361      | 0,981      | 0,691      |
|                             | Replicate Prob(F)          |      |           | 0,7795     | 0,3078     | 0,4446     | 0,7817     | 0,4115     | 0,5631     |
|                             | Treatment F                |      |           | 9,901      | 6,867      | 8,722      | 7,347      | 8,837      | 8,634      |
|                             | Treatment Prob(F)          |      |           | 0,0001     | 0,0001     | 0,0001     | 0,0001     | 0,0001     | 0,0001     |

Tabel 12 bodembedekking, URTUR, CHEAL, STEME, POAAN, SOLNI, totale bodembedekking, 7DAD

| Rating Timing               |                 |            |           | A3         | A3         | A3         | A3         | A3         | A3         |
|-----------------------------|-----------------|------------|-----------|------------|------------|------------|------------|------------|------------|
| Rating Date                 |                 |            |           | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  |
| Trt-Eval Interval           |                 |            |           | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     |
| Crop Type, Code             |                 |            |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                 |            |           | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Pest Code                   |                 |            |           | URTUR      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |
| Pest Stage Majority/Min/Max |                 |            |           | 14; 14; 14 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Part Rated                  |                 |            |           | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                 |            |           | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     |
| Rating Unit/Min/Max         |                 |            |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                 |            |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name  | Rate       | Appl Code | 31*        | 32*        | 33*        | 34*        | 35*        | 36*        |
| 1                           | Untreated Check |            |           | 9,3 b      | 15,5 b     | 4,3 a      | 2,0 a      | 3,5 a      | 25,5 b     |
| 2                           | Bonalan         | 6 l/ha     | A         | 2,0 b      | 2,0 b      | 0,3 b      | 0,3 a      | 0,0 a      | 1,5 b      |
|                             | Kerb            | 1,875 l/ha | B         |            |            |            |            |            |            |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |            |            |
| 3                           | Kerb            | 1,875 l/ha | B         | 0,8 b      | 1,8 b      | 0,5 b      | 0,0 a      | 0,0 a      | 1,5 b      |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |            |            |
|                             | Strategie 4     |            |           | 0,5 b      | 0,8 b      | 0,5 b      | 0,3 a      | 0,0 a      | 0,5 b      |
|                             | Strategie 5     |            |           | 1,5 b      | 2,5 b      | 0,5 b      | 0,3 a      | 0,5 a      | 3,3 b      |
|                             | Strategie 6     |            |           | 2,3 b      | 3,5 b      | 0,8 b      | 0,3 a      | 0,3 a      | 4,3 b      |
|                             | Strategie 7     |            |           | 4,0 b      | 4,0 b      | 1,0 b      | 0,8 a      | 0,0 a      | 6,0 b      |
|                             | Strategie 8     |            |           | 3,8 b      | 7,0 b      | 1,0 b      | 0,8 a      | 0,5 a      | 9,0 b      |

| Rating Timing               |                            |      |           | A3         | A3         | A3         | A3         | A3         | A3         |
|-----------------------------|----------------------------|------|-----------|------------|------------|------------|------------|------------|------------|
| Rating Date                 |                            |      |           | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  | 11-6-2021  |
| Trt-Eval Interval           |                            |      |           | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     | 7 DA-D     |
| Crop Type, Code             |                            |      |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                            |      |           | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Pest Code                   |                            |      |           | URTUR      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |
| Pest Stage Majority/Min/Max |                            |      |           | 14; 14; 14 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Part Rated                  |                            |      |           | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                            |      |           | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     |
| Rating Unit/Min/Max         |                            |      |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                            |      |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name             | Rate | Appl Code | 31*        | 32*        | 33*        | 34*        | 35*        | 36*        |
|                             | Strategie 9                |      |           | 5,0 b      | 10,0 b     | 3,8 a      | 2,0 a      | 1,3 a      | 12,5 b     |
|                             | Strategie 10               |      |           | 3,3 b      | 5,5 b      | 2,3 ab     | 1,8 a      | 1,8 a      | 7,5 b      |
|                             | Strategie 11               |      |           | 4,0 b      | 9,0 b      | 2,0 ab     | 1,8 a      | 4,0 a      | 13,0 b     |
|                             | Strategie 12               |      |           | 2,8 b      | 7,8 b      | 1,0 b      | 1,0 a      | 0,8 a      | 7,8 b      |
|                             | Strategie 13               |      |           | 0,3 b      | 1,5 b      | 0,3 b      | 0,3 a      | 0,0 a      | 1,5 b      |
|                             | 14 mechanical weed control |      | BC        | 37,5 a     | 47,5 a     | 4,0 a      | 1,8 a      | 6,3 a      | 52,5 a     |
|                             | LSD P=.05                  |      |           | 11,38      | 17,68      | 1,85       | 1,65       | 4,30       | 18,21      |
|                             | Standard Deviation         |      |           | 7,96       | 12,36      | 1,29       | 1,15       | 3,00       | 12,73      |
|                             | CV                         |      |           | 145,16     | 146,33     | 82,38      | 124,27     | 224,31     | 121,88     |
|                             | Grand Mean                 |      |           | 5,48       | 8,45       | 1,57       | 0,93       | 1,34       | 10,45      |
|                             | Replicate F                |      |           | 0,591      | 0,503      | 2,415      | 0,894      | 0,398      | 0,815      |
|                             | Replicate Prob(F)          |      |           | 0,6244     | 0,6827     | 0,0811     | 0,4528     | 0,7554     | 0,4932     |
|                             | Treatment F                |      |           | 5,696      | 3,751      | 4,967      | 1,746      | 1,635      | 4,694      |
|                             | Treatment Prob(F)          |      |           | 0,0001     | 0,0007     | 0,0001     | 0,0894     | 0,1170     | 0,0001     |

Tabel 13 effectiviteit, URTUR, CHEAL, STEME, POAAN, SOLNI, totaal, 6DAE

| Rating Timing               |                 | A4         | A4         | A4         | A4         | A4         | A4         |        |         |        |
|-----------------------------|-----------------|------------|------------|------------|------------|------------|------------|--------|---------|--------|
| Rating Date                 |                 | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  |        |         |        |
| Trt-Eval Interval           |                 | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     |        |         |        |
| Crop Type, Code             |                 | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |        |         |        |
| Crop Stage Majority/Min/Max |                 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 |        |         |        |
| Pest Code                   |                 | URTUR      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |        |         |        |
| Pest Stage Majority/Min/Max |                 | 14; 14; 14 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |        |         |        |
| Part Rated                  |                 | PLANT; P   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |        |         |        |
| Rating Type                 |                 | EFFICI     | EFFICI     | EFFICI     | EFFICI     | EFFICI     | EFFICI     |        |         |        |
| Rating Unit/Min/Max         |                 | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |        |         |        |
| Sample Size                 |                 | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |        |         |        |
| Trt No.                     | Treatment Name  | Rate       | Appl Unit  | Code       | 40*        | 41*        | 42*        | 43*    | 44*     | 45*    |
| 1                           | Untreated Check |            |            |            | 0,0 b      | 0,0 b      | 0,0 b      | 0,0 b  | 0,0 b   | 0,0 b  |
| 2                           | Bonalan         | 6 l/ha     | A          |            | 92,5 a     | 90,0 a     | 95,0 a     | 75,0 a | 97,5 a  | 90,0 a |
|                             | Kerb            | 1,875 l/ha | B          |            |            |            |            |        |         |        |
|                             | Stomp           | 1,50 l/ha  | B          |            |            |            |            |        |         |        |
|                             | Lentagran       | 0,25 kg/ha | C          |            |            |            |            |        |         |        |
|                             | Lentagran       | 0,35 kg/ha | DE         |            |            |            |            |        |         |        |
|                             | Uitvloeier      |            | C          |            |            |            |            |        |         |        |
|                             | Wing P          | 0,35 l/ha  | DE         |            |            |            |            |        |         |        |
| 3                           | Kerb            | 1,875 l/ha | B          |            | 95,0 a     | 82,5 a     | 88,8 a     | 92,5 a | 97,5 a  | 86,3 a |
|                             | Stomp           | 1,50 l/ha  | B          |            |            |            |            |        |         |        |
|                             | Lentagran       | 0,25 kg/ha | C          |            |            |            |            |        |         |        |
|                             | Lentagran       | 0,35 kg/ha | DE         |            |            |            |            |        |         |        |
|                             | Uitvloeier      |            | C          |            |            |            |            |        |         |        |
|                             | Wing P          | 0,35 l/ha  | DE         |            |            |            |            |        |         |        |
|                             | Strategie 4     |            |            |            | 95,0 a     | 93,8 a     | 98,8 a     | 86,3 a | 95,0 a  | 95,0 a |
|                             | Strategie 5     |            |            |            | 87,5 a     | 81,3 a     | 87,5 a     | 92,5 a | 97,5 a  | 86,3 a |
|                             | Strategie 6     |            |            |            | 88,8 a     | 82,5 a     | 81,3 a     | 75,0 a | 97,5 a  | 82,5 a |
|                             | Strategie 7     |            |            |            | 67,5 a     | 63,8 a     | 88,8 a     | 72,5 a | 100,0 a | 70,0 a |
|                             | Strategie 8     |            |            |            | 77,5 a     | 62,5 a     | 72,5 a     | 80,0 a | 95,0 a  | 67,5 a |

| Rating Timing               | A4                         | A4         | A4         | A4         | A4         | A4         |        |        |        |        |
|-----------------------------|----------------------------|------------|------------|------------|------------|------------|--------|--------|--------|--------|
| Rating Date                 | 17-6-2021                  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  |        |        |        |        |
| Trt-Eval Interval           | 6 DA-E                     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     |        |        |        |        |
| Crop Type, Code             | C; SCVHI                   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |        |        |        |        |
| Crop Stage Majority/Min/Max | 15; 15; 15                 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 |        |        |        |        |
| Pest Code                   | URTUR                      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |        |        |        |        |
| Pest Stage Majority/Min/Max | 14; 14; 14                 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |        |        |        |        |
| Part Rated                  | PLANT; P                   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |        |        |        |        |
| Rating Type                 | EFFICI                     | EFFICI     | EFFICI     | EFFICI     | EFFICI     | EFFICI     |        |        |        |        |
| Rating Unit/Min/Max         | %; 0; 100                  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |        |        |        |        |
| Sample Size                 | 1 PLOT                     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |        |        |        |        |
| Trt No.                     | Treatment Name             | Rate       | Appl Unit  | Code       | 40*        | 41*        | 42*    | 43*    | 44*    | 45*    |
|                             | Strategie 9                |            |            |            | 80,0 a     | 45,0 a     | 82,5 a | 75,0 a | 75,0 a | 52,5 a |
|                             | Strategie 10               |            |            |            | 73,8 a     | 65,0 a     | 77,5 a | 65,0 a | 62,5 a | 68,8 a |
|                             | Strategie 11               |            |            |            | 67,5 a     | 52,5 a     | 63,8 a | 68,8 a | 50,0 a | 57,5 a |
|                             | Strategie 12               |            |            |            | 88,8 a     | 56,3 a     | 72,5 a | 91,3 a | 93,8 a | 73,8 a |
|                             | Strategie 13               |            |            |            | 97,5 a     | 90,0 a     | 97,5 a | 95,0 a | 90,0 a | 91,3 a |
|                             | 14 mechanical weed control |            | BC         |            | 0,0 b      | 0,0 b      | 0,0 b  | 0,0 b  | 0,0 b  | 0,0 b  |
|                             | LSD P=.05                  |            |            |            | 28,47      | 30,47      | 28,53  | 36,88  | 35,12  | 28,97  |
|                             | Standard Deviation         |            |            |            | 19,90      | 21,30      | 19,95  | 25,79  | 24,55  | 20,25  |
|                             | CV                         |            |            |            | 27,55      | 34,48      | 27,75  | 37,27  | 32,7   | 30,78  |
|                             | Grand Mean                 |            |            |            | 72,23      | 61,79      | 71,88  | 69,20  | 75,09  | 65,80  |
|                             | Replicate F                |            |            |            | 0,428      | 1,120      | 1,404  | 1,052  | 1,122  | 0,405  |
|                             | Replicate Prob(F)          |            |            |            | 0,7341     | 0,3527     | 0,2560 | 0,3807 | 0,3518 | 0,7506 |
|                             | Treatment F                |            |            |            | 10,436     | 8,067      | 10,331 | 5,715  | 8,195  | 9,151  |
|                             | Treatment Prob(F)          |            |            |            | 0,0001     | 0,0001     | 0,0001 | 0,0001 | 0,0001 | 0,0001 |

Tabel 14 bodembedekking, URTUR, CHEAL, STEME, POAAN, SOLNI, totale bodembedekking 6DAE

| Rating Timing               |                 |            |           | A4         | A4         | A4         | A4         | A4         | A4         |
|-----------------------------|-----------------|------------|-----------|------------|------------|------------|------------|------------|------------|
| Rating Date                 |                 |            |           | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  |
| Trt-Eval Interval           |                 |            |           | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     |
| Crop Type, Code             |                 |            |           | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |
| Crop Stage Majority/Min/Max |                 |            |           | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 |
| Pest Code                   |                 |            |           | URTUR      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |
| Pest Stage Majority/Min/Max |                 |            |           | 14; 14; 14 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |
| Part Rated                  |                 |            |           | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |
| Rating Type                 |                 |            |           | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     |
| Rating Unit/Min/Max         |                 |            |           | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |
| Sample Size                 |                 |            |           | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |
| Trt No.                     | Treatment Name  | Rate       | Appl Code | 46*        | 47*        | 48*        | 49*        | 50*        | 51*        |
| 1                           | Untreated Check |            |           | 10,5 b     | 25,0 b     | 4,3 ab     | 2,8 a      | 5,5 a      | 33,8 b     |
| 2                           | Bonalan         | 6 l/ha     | A         | 1,5 b      | 4,0 b      | 0,8 b      | 1,0 a      | 0,3 a      | 4,3 b      |
|                             | Kerb            | 1,875 l/ha | B         |            |            |            |            |            |            |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |            |            |
| 3                           | Kerb            | 1,875 l/ha | B         | 1,3 b      | 2,5 b      | 1,0 b      | 0,5 a      | 0,5 a      | 3,3 b      |
|                             | Stomp           | 1,50 l/ha  | B         |            |            |            |            |            |            |
|                             | Lentagran       | 0,25 kg/ha | C         |            |            |            |            |            |            |
|                             | Lentagran       | 0,35 kg/ha | DE        |            |            |            |            |            |            |
|                             | Uitvloeier      |            | C         |            |            |            |            |            |            |
|                             | Wing P          | 0,35 l/ha  | DE        |            |            |            |            |            |            |
|                             | Strategie 4     |            |           | 1,0 b      | 1,3 b      | 0,3 b      | 0,3 a      | 0,3 a      | 1,3 b      |
|                             | Strategie 5     |            |           | 1,0 b      | 3,0 b      | 0,8 b      | 0,5 a      | 0,5 a      | 3,8 b      |
|                             | Strategie 6     |            |           | 2,5 b      | 5,3 b      | 1,0 b      | 0,5 a      | 0,3 a      | 5,3 b      |
|                             | Strategie 7     |            |           | 6,5 b      | 5,0 b      | 1,8 b      | 0,8 a      | 0,0 a      | 6,8 b      |
|                             | Strategie 8     |            |           | 3,8 b      | 9,3 b      | 1,0 b      | 1,3 a      | 0,5 a      | 11,0 b     |

| Rating Timing               | A4                         | A4         | A4         | A4         | A4         | A4         |        |        |        |        |
|-----------------------------|----------------------------|------------|------------|------------|------------|------------|--------|--------|--------|--------|
| Rating Date                 | 17-6-2021                  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  | 17-6-2021  |        |        |        |        |
| Trt-Eval Interval           | 6 DA-E                     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     | 6 DA-E     |        |        |        |        |
| Crop Type, Code             | C; SCVHI                   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   | C; SCVHI   |        |        |        |        |
| Crop Stage Majority/Min/Max | 15; 15; 15                 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 | 15; 15; 15 |        |        |        |        |
| Pest Code                   | URTUR                      | CHEAL      | STEME      | POAAN      | SOLNI      | TTTTT      |        |        |        |        |
| Pest Stage Majority/Min/Max | 14; 14; 14                 | 16; 16; 16 | 12; 10; 25 | 14; 14; 14 | 14; 14; 14 | 14; 14; 14 |        |        |        |        |
| Part Rated                  | PLANT; p                   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   | PLANT; p   |        |        |        |        |
| Rating Type                 | GROUND                     | GROUND     | GROUND     | GROUND     | GROUND     | GROUND     |        |        |        |        |
| Rating Unit/Min/Max         | %; 0; 100                  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  | %; 0; 100  |        |        |        |        |
| Sample Size                 | 1 PLOT                     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     | 1 PLOT     |        |        |        |        |
| Trt No.                     | Treatment Name             | Rate       | Appl Unit  | Code       | 46*        | 47*        | 48*    | 49*    | 50*    | 51*    |
|                             | Strategie 9                |            |            |            | 5,0 b      | 11,3 b     | 3,8 ab | 2,0 a  | 3,8 a  | 16,3 b |
|                             | Strategie 10               |            |            |            | 3,5 b      | 9,0 b      | 2,3 ab | 2,8 a  | 2,0 a  | 10,3 b |
|                             | Strategie 11               |            |            |            | 4,0 b      | 12,5 b     | 2,0 ab | 1,8 a  | 4,0 a  | 15,0 b |
|                             | Strategie 12               |            |            |            | 2,8 b      | 11,3 b     | 1,3 b  | 1,0 a  | 1,0 a  | 11,3 b |
|                             | Strategie 13               |            |            |            | 0,8 b      | 2,3 b      | 0,3 b  | 0,5 a  | 1,3 a  | 3,3 b  |
|                             | 14 mechanical weed control |            | BC         |            | 37,5 a     | 48,8 a     | 5,3 a  | 1,8 a  | 6,3 a  | 58,8 a |
|                             | LSD P=.05                  |            |            |            | 11,67      | 18,63      | 2,33   | 1,89   | 5,36   | 20,67  |
|                             | Standard Deviation         |            |            |            | 8,16       | 13,03      | 1,63   | 1,32   | 3,74   | 14,45  |
|                             | CV                         |            |            |            | 140,17     | 121,4      | 89,35  | 106,98 | 201,65 | 109,95 |
|                             | Grand Mean                 |            |            |            | 5,82       | 10,73      | 1,82   | 1,23   | 1,86   | 13,14  |
|                             | Replicate F                |            |            |            | 0,873      | 0,603      | 2,041  | 0,668  | 0,228  | 0,864  |
|                             | Replicate Prob(F)          |            |            |            | 0,4634     | 0,6168     | 0,1240 | 0,5768 | 0,8767 | 0,4681 |
|                             | Treatment F                |            |            |            | 5,415      | 3,726      | 3,622  | 1,626  | 1,285  | 4,630  |
|                             | Treatment Prob(F)          |            |            |            | 0,0001     | 0,0007     | 0,0009 | 0,1194 | 0,2625 | 0,0001 |

De effectiviteit van de verschillende strategieën is waargenomen in % bestrijding van de onkruiden en in % bodembedekking van onkruiden. In deze proef is er alleen een significant verschil waargenomen tussen de behandelingen en strategie 14 waar geschoffeld is. Er zal dus verder niet over significante verschillen gesproken worden.

Gedurende de proef laat strategie 4 het beste resultaat zien met een werking van 95%. Gevolgd door strategie 13 met 91,5% werking, strategie 2 met 90%, strategieën 3 en 5 met beide met 86,3% werkingen, strategie 6 met 82,5%, strategie 12 met 73,8%, strategie 7 met 70%, strategie 10 met 68,8%, strategie 8 met 67,5%, strategie 11 met 57,5%, strategie 9 met 52,5% en als slechtste strategie, strategie 14 welke er aan het einde van de proef hetzelfde als niet slechter stond in vergelijking met onbehandeld.

## **Conclusie**

- Er zijn geen significante verschillen waargenomen tussen alle strategieën
- Strategie 4 laat in deze proef het beste resultaat zien
- Schoffelen in schorseneren laat in deze proef een slecht resultaat zien
- Er is spuitschade waargenomen in strategieën 2,3,4,5,6,7,8,9,10 en 13 waarbij de objecten met Lentagran 0,35kg/ha de hoogste graad van spuitschade laten zien
- Objecten 11 en 12 laten geen spuitschade zien en kunnen als veilig worden beschouwd voor schorseneren.

## Bijlagen 1 foto's



Photo 1, Overzicht proef, 20 dagen na toepassing B



Photo 2, Behandeling 14, geschoffeld met vingerwieder



Photo 3, Overzicht proef, 6 dagen na toepassing C



Photo 4, Spuitschade 2 uur na toepassing C



Photo 5, Overzicht proef, 6 dagen na toepassing E



Photo 6, Behandeling 1, 6 dagen na toepassing E



Photo 7, Behandeling 2, 6 dagen na toepassing E



Photo 8, Behandeling 3, 6 dagen na toepassing E



Photo 9, Behandeling 4, 6 dagen na toepassing E



Photo 10, Behandeling 5, 6 dagen na toepassing E



Photo 11, Behandeling 6, 6 dagen na toepassing E



Photo 12, Behandeling 7, 6 dagen na toepassing E



Photo 13, Behandeling 8, 6 dagen na toepassing E



Photo 14, Behandeling 9, 6 dagen na toepassing E



Photo 15, Behandeling 10, 6 dagen na toepassing E



Photo 16, Behandeling 11, 6 dagen na toepassing E



Photo 17, Behandeling 12, 6 dagen na toepassing E



Photo 18, Behandeling 13, 6 dagen na toepassing E



Photo 19, Behandeling 14, 6 dagen na toepassing E

## Bijlagen 2 Ruwe data

| Pest Type                     |                  |                  |      | W; Weed          | W; Weed          | W; Weed          | W; Weed          | W; Weed          |       |       |       |      |
|-------------------------------|------------------|------------------|------|------------------|------------------|------------------|------------------|------------------|-------|-------|-------|------|
| Pest Code                     |                  |                  |      | URTUR            | CHEAL            | STEME            | POAAN            | URTUR            |       |       |       |      |
| Pest Scientific Name          |                  |                  |      | Urtica urens     | Chenopodium alb> | Stellaria media  | Poa annua        | Urtica urens     |       |       |       |      |
| Pest Name                     |                  |                  |      | Small nettle     | common lambsqua> | chickweed        | Annual bluegrass | Small nettle     |       |       |       |      |
| Crop Type, Code               | C; SCVHI         | C; SCVHI         |      | C; SCVHI         | C; SCVHI         | C; SCVHI         | C; SCVHI         | C; SCVHI         |       |       |       |      |
| BBCH Scale                    | BDIC             | BDIC             |      | BDIC             | BDIC             | BDIC             | BDIC             | BDIC             |       |       |       |      |
| Crop Scientific Name          | Scorzonera hisp> | Scorzonera hisp> |      | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> | Scorzonera hisp> |       |       |       |      |
| Crop Name                     | Oyster plant     | Oyster plant     |      | Oyster plant     | Oyster plant     | Oyster plant     | Oyster plant     | Oyster plant     |       |       |       |      |
| Description                   |                  |                  |      | Werking product  | Werking product  | Werking product  | Werking product  | Bodembedekking > |       |       |       |      |
| Rating Date                   | 27-5-2021        | 27-5-2021        |      | 27-5-2021        | 27-5-2021        | 27-5-2021        | 27-5-2021        | 27-5-2021        |       |       |       |      |
| SE Group No.                  | 1                | 1                |      | 1                | 2                | 3                | 4                | 5                |       |       |       |      |
| Part Rated                    | PLANT; C         | PLANT; C         |      | PLANT; P         | PLANT; p         | PLANT; p         | PLANT; p         | PLANT; p         |       |       |       |      |
| Rating Type                   | VIGOR            | PHYGEN           |      | EFFICI           | EFFICI           | EFFICI           | EFFICI           | GROUND           |       |       |       |      |
| Rating Unit/Min/Max           | 1-10; 1; 10      | %; 0; 100        |      | %; 0; 100        | %; 0; 100        | %; 0; 100        | %; 0; 100        | %; 0; 100        |       |       |       |      |
| Sample Size                   | 1 PLOT           | 1 PLOT           |      | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           |       |       |       |      |
| Collection Basis              | 1 PLOT           | 1 PLOT           |      | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           |       |       |       |      |
| Reporting Basis               | 1 PLOT           | 1 PLOT           |      | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           | 1 PLOT           |       |       |       |      |
| Number of Subsamples          | 1                | 1                |      | 1                | 1                | 1                | 1                | 1                |       |       |       |      |
| Crop Stage Scale              | BBCH             | BBCH             |      | BBCH             | BBCH             | BBCH             | BBCH             | BBCH             |       |       |       |      |
| Crop Stage Majority/Min/Max   | 11; 11; 11       | 11; 11; 11       |      | 11; 11; 11       | 11; 11; 11       | 11; 11; 11       | 11; 11; 11       | 11; 11; 11       |       |       |       |      |
| Pest Density Majority/Min/Max |                  |                  |      | 10; 10; 10       | 10; 10; 10       | 11; 11; 11       | 12; 12; 12       | 10; 10; 10       |       |       |       |      |
| Pest Density                  |                  |                  |      | 44,5 PLA/m2      | 39,25 PLA/m2     | 4,75 PLA/m2      | 1,25 PLA/m2      | 44,5 PLA/m2      |       |       |       |      |
| Assessed By                   | EXPLORAS         | EXPLORAS         |      | EXPLORAS         | EXPLORAS         | EXPLORAS         | EXPLORAS         | EXPLORAS         |       |       |       |      |
| Data Entry Date               | 30-6-2021        | 30-6-2021        |      | 30-6-2021        | 30-6-2021        | 30-6-2021        | 30-6-2021        | 30-6-2021        |       |       |       |      |
| Rating Timing                 | A1               | A1               |      | A1               | A1               | A1               | A1               | A1               |       |       |       |      |
| Days After First/Last Applic. | 29; 19           | 29; 19           |      | 29; 19           | 29; 19           | 29; 19           | 29; 19           | 29; 19           |       |       |       |      |
| Trt-Eval Interval             | 19 DA-B          | 19 DA-B          |      | 19 DA-B          | 19 DA-B          | 19 DA-B          | 19 DA-B          | 19 DA-B          |       |       |       |      |
| Number of Decimals            | 1                | 1                |      | 1                | 1                | 1                | 1                | 1                |       |       |       |      |
| Trt Treatment                 | Rate             | Appl             |      |                  |                  |                  |                  |                  |       |       |       |      |
| No. Name                      | Rate             | Unit             | Code | Plot             | 1                | 2                | 3                | 4                | 5     | 6     | 7     |      |
| 1 Untreated Check             |                  |                  |      | 104              | 10,0             | 0,0              | 0,0              | 0,0              | 0,0   | 0,0   | 0,0   | 3,0  |
|                               |                  |                  |      | 212              | 10,0             | 0,0              | 0,0              | 0,0              | 0,0   | 0,0   | 0,0   | 1,0  |
|                               |                  |                  |      | 309              | 10,0             | 0,0              | 0,0              | 0,0              | 0,0   | 0,0   | 0,0   | 2,0  |
|                               |                  |                  |      | 402              | 10,0             | 0,0              | 0,0              | 0,0              | 0,0   | 0,0   | 0,0   | 10,0 |
|                               |                  |                  |      | Mean =           | 10,0             | 0,0              | 0,0              | 0,0              | 0,0   | 0,0   | 0,0   | 4,0  |
| 2 Bonalan                     | 6 l/ha           | A                | 111  | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
| Kerb                          | 1,875 l/ha       | B                | 210  | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
| Stomp                         | 1,50 l/ha        | B                | 303  | 10,0             | 0,0              | 90,0             | 90,0             | 85,0             | 100,0 | 100,0 | 100,0 | 2,0  |
| Lentagran                     | 0,25 kg/ha       | C                | 407  | 10,0             | 0,0              | 90,0             | 95,0             | 100,0            | 100,0 | 100,0 | 100,0 | 5,0  |
| Lentagran                     | 0,35 kg/ha       | DE               |      |                  |                  |                  |                  |                  |       |       |       |      |
| Uitvloeier                    |                  | C                |      |                  |                  |                  |                  |                  |       |       |       |      |
| Wing P                        | 0,35 l/ha        | DE               |      |                  |                  |                  |                  |                  |       |       |       |      |
|                               |                  |                  |      | Mean =           | 10,0             | 0,0              | 95,0             | 96,3             | 96,3  | 100,0 | 100,0 | 1,8  |
| 3 Kerb                        | 1,875 l/ha       | B                | 102  | 10,0             | 0,0              | 90,0             | 90,0             | 100,0            | 100,0 | 100,0 | 100,0 | 1,0  |
| Stomp                         | 1,50 l/ha        | B                | 204  | 10,0             | 0,0              | 95,0             | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 1,0  |
| Lentagran                     | 0,25 kg/ha       | C                | 308  | 10,0             | 0,0              | 90,0             | 90,0             | 100,0            | 100,0 | 100,0 | 100,0 | 2,0  |
| Lentagran                     | 0,35 kg/ha       | DE               | 412  | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
| Uitvloeier                    |                  | C                |      |                  |                  |                  |                  |                  |       |       |       |      |
| Wing P                        | 0,35 l/ha        | DE               |      |                  |                  |                  |                  |                  |       |       |       |      |
|                               |                  |                  |      | Mean =           | 10,0             | 0,0              | 93,8             | 95,0             | 100,0 | 100,0 | 100,0 | 1,0  |
| Strategie 4                   |                  |                  |      | 10,0             | 0,0              | 90,0             | 90,0             | 100,0            | 100,0 | 100,0 | 100,0 | 1,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | Mean =           | 10,0             | 0,0              | 97,5             | 97,5             | 100,0 | 100,0 | 100,0 | 0,3  |
| Strategie 5                   |                  |                  |      | 10,0             | 0,0              | 90,0             | 100,0            | 95,0             | 100,0 | 100,0 | 100,0 | 1,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 80,0             | 80,0             | 100,0            | 100,0 | 100,0 | 100,0 | 10,0 |
|                               |                  |                  |      | Mean =           | 10,0             | 0,0              | 92,5             | 95,0             | 98,8  | 100,0 | 100,0 | 2,8  |
| Strategie 6                   |                  |                  |      | 10,0             | 0,0              | 90,0             | 80,0             | 90,0             | 100,0 | 100,0 | 100,0 | 1,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 90,0             | 90,0             | 100,0            | 100,0 | 100,0 | 100,0 | 1,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | Mean =           | 10,0             | 0,0              | 95,0             | 92,5             | 97,5  | 100,0 | 100,0 | 0,5  |
| Strategie 7                   |                  |                  |      | 10,0             | 0,0              | 80,0             | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 2,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 95,0             | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 1,0  |
|                               |                  |                  |      | 10,0             | 0,0              | 70,0             | 80,0             | 90,0             | 100,0 | 100,0 | 100,0 | 10,0 |
|                               |                  |                  |      | 10,0             | 0,0              | 100,0            | 100,0            | 100,0            | 100,0 | 100,0 | 100,0 | 0,0  |
|                               |                  |                  |      | Mean =           | 10,0             | 0,0              | 86,3             | 95,0             | 97,5  | 100,0 | 100,0 | 3,3  |

| Trt | Treatment               | Rate | Appl |        |      |      |     |       |       |       |       |      |
|-----|-------------------------|------|------|--------|------|------|-----|-------|-------|-------|-------|------|
| No. | Name                    | Rate | Unit | Code   | Plot | 1    | 2   | 3     | 4     | 5     | 6     | 7    |
|     | Strategie 8             | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 90,0  | 90,0  | 100,0 | 1,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 90,0  | 100,0 | 100,0 | 2,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 95,0  | 95,0  | 97,5  | 100,0 | 0,8  |
|     | Strategie 9             | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 100,0 | 100,0 | 100,0 | 1,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 70,0  | 80,0  | 90,0  | 100,0 | 5,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 85,0  | 90,0  | 100,0 | 100,0 | 10,0 |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 86,3  | 92,5  | 97,5  | 100,0 | 4,0  |
|     | Strategie 10            | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 95,0  | 100,0 | 100,0 | 100,0 | 1,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 95,0  | 100,0 | 100,0 | 100,0 | 1,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 90,0  | 100,0 | 100,0 | 2,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 95,0  | 97,5  | 100,0 | 100,0 | 1,0  |
|     | Strategie 11            | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 90,0  | 100,0 | 100,0 | 1,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 90,0  | 100,0 | 100,0 | 2,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 70,0  | 80,0  | 100,0 | 100,0 | 5,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 87,5  | 90,0  | 100,0 | 100,0 | 2,0  |
|     | Strategie 12            | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 80,0  | 80,0  | 100,0 | 100,0 | 10,0 |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 95,0  | 95,0  | 100,0 | 100,0 | 2,5  |
|     | Strategie 13            | 10,0 |      |        |      | 10,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 90,0  | 95,0  | 100,0 | 1,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 100,0 | 100,0 | 100,0 | 1,0  |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 80,0  | 90,0  | 100,0 | 100,0 | 10,0 |
|     |                         | 10,0 |      |        |      | 10,0 | 0,0 | 90,0  | 95,0  | 98,8  | 100,0 | 3,0  |
| 14  | mechanical weed control |      | BC   | 114    |      | 10,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   | 60,0 |
|     |                         |      |      | 214    |      | 10,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   | 30,0 |
|     |                         |      |      | 314    |      | 10,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   | 60,0 |
|     |                         |      |      | 414    |      | 10,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   | 10,0 |
|     |                         |      |      | Mean = |      | 10,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   | 40,0 |

| Trt | Treatment       | Rate       | Appl |     | 8    | 9   | 10  | 11   | 12  | 13    |
|-----|-----------------|------------|------|-----|------|-----|-----|------|-----|-------|
| 1   | Untreated Check |            |      |     | 2,0  | 1,0 | 0,0 | 10,0 | 0,0 | 0,0   |
|     |                 |            |      |     | 1,0  | 1,0 | 0,0 | 10,0 | 0,0 | 0,0   |
|     |                 |            |      |     | 2,0  | 1,0 | 0,0 | 10,0 | 0,0 | 0,0   |
|     |                 |            |      |     | 10,0 | 5,0 | 0,0 | 10,0 | 0,0 | 0,0   |
|     | Mean =          |            |      |     |      |     |     |      |     | 0,0   |
| 2   | Bonalan         | 6 l/ha     | A    | 111 | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 95,0  |
|     | Kerb            | 1,875 l/ha | B    | 210 | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 100,0 |
|     | Stomp           | 1,50 l/ha  | B    | 303 | 2,0  | 3,0 | 0,0 | 10,0 | 0,0 | 100,0 |
|     | Lentagran       | 0,25 kg/ha | C    | 407 | 5,0  | 0,0 | 0,0 | 10,0 | 0,0 | 90,0  |
|     | Lentagran       | 0,35 kg/ha | DE   |     |      |     |     |      |     |       |
|     | Uitvloeier      |            | C    |     |      |     |     |      |     |       |
|     | Wing P          | 0,35 l/ha  | DE   |     |      |     |     |      |     |       |
|     | Mean =          |            |      |     |      |     |     |      |     | 96,3  |
| 3   | Kerb            | 1,875 l/ha | B    | 102 | 1,0  | 0,0 | 0,0 | 10,0 | 0,0 | 80,0  |
|     | Stomp           | 1,50 l/ha  | B    | 204 | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 95,0  |
|     | Lentagran       | 0,25 kg/ha | C    | 308 | 1,0  | 0,0 | 0,0 | 10,0 | 0,0 | 90,0  |
|     | Lentagran       | 0,35 kg/ha | DE   | 412 | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 100,0 |
|     | Uitvloeier      |            | C    |     |      |     |     |      |     |       |
|     | Wing P          | 0,35 l/ha  | DE   |     |      |     |     |      |     |       |
|     | Mean =          |            |      |     |      |     |     |      |     | 91,3  |
|     | Strategie 4     |            |      |     | 1,0  | 0,0 | 0,0 | 10,0 | 0,0 | 90,0  |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 100,0 |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 95,0  |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 95,0  |
|     |                 |            |      |     |      |     |     |      |     | 95,0  |
|     | Strategie 5     |            |      |     | 0,0  | 1,0 | 0,0 | 10,0 | 0,0 | 80,0  |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 90,0  |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 100,0 |
|     |                 |            |      |     | 10,0 | 0,0 | 0,0 | 10,0 | 0,0 | 80,0  |
|     |                 |            |      |     |      |     |     |      |     | 87,5  |
|     | Strategie 6     |            |      |     | 2,0  | 1,0 | 0,0 | 10,0 | 0,0 | 70,0  |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 100,0 |
|     |                 |            |      |     | 1,0  | 0,0 | 0,0 | 10,0 | 0,0 | 90,0  |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 95,0  |
|     |                 |            |      |     |      |     |     |      |     | 88,8  |
|     | Strategie 7     |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 80,0  |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 95,0  |
|     |                 |            |      |     | 5,0  | 2,0 | 0,0 | 10,0 | 0,0 | 0,0   |
|     |                 |            |      |     | 0,0  | 0,0 | 0,0 | 10,0 | 0,0 | 100,0 |
|     |                 |            |      |     |      |     |     |      |     | 68,8  |

| Trt | Treatment               | Rate | Appl |      |      |                             |                             |                          |                              |                          |                                       |
|-----|-------------------------|------|------|------|------|-----------------------------|-----------------------------|--------------------------|------------------------------|--------------------------|---------------------------------------|
| No. | Name                    | Rate | Unit | Code | Plot | 8                           | 9                           | 10                       | 11                           | 12                       | 13                                    |
|     | Strategie 8             |      |      |      |      | 1,0<br>2,0<br>0,0<br>0,0    | 1,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0 | 70,0<br>90,0<br>100,0<br>100,0        |
|     | Strategie 9             |      |      |      |      | 0,0<br>4,0<br>0,0<br>5,0    | 0,0<br>2,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0 | 90,0<br>70,0<br>95,0<br>80,0          |
|     | Strategie 10            |      |      |      |      | 0,0<br>0,0<br>0,0<br>2,0    | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0 | 95,0<br>95,0<br>100,0<br>90,0         |
|     | Strategie 11            |      |      |      |      | 1,0<br>2,0<br>0,0<br>2,0    | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0 | 50,0<br>95,0<br>100,0<br>70,0         |
|     | Strategie 12            |      |      |      |      | 0,0<br>0,0<br>0,0<br>10,0   | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0 | 95,0<br>95,0<br>100,0<br>90,0<br>95,0 |
|     | Strategie 13            |      |      |      |      | 0,0<br>1,0<br>0,0<br>5,0    | 0,0<br>1,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0 | 90,0<br>90,0<br>90,0<br>90,0          |
| 14  | mechanical weed control |      | BC   | 14   |      | 20,0<br>20,0<br>60,0<br>5,0 | 10,0<br>10,0<br>20,0<br>1,0 | 5,0<br>0,0<br>5,0<br>1,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0 | 0,0<br>20,0<br>0,0<br>20,0<br>10,0    |



| Trt | Treatment               | Rate  | Appl |      |      |       |       |       |      |      |      |
|-----|-------------------------|-------|------|------|------|-------|-------|-------|------|------|------|
| No. | Name                    | Rate  | Unit | Code | Plot | 14    | 15    | 16    | 17   | 18   | 19   |
|     | Strategie 8             | 70,0  |      |      |      | 70,0  | 60,0  | 50,0  | 2,0  | 1,0  | 1,0  |
|     |                         | 90,0  |      |      |      | 90,0  | 90,0  | 90,0  | 2,0  | 2,0  | 2,0  |
|     |                         | 100,0 |      |      |      | 100,0 | 100,0 | 100,0 | 0,0  | 0,0  | 0,0  |
|     |                         | 100,0 |      |      |      | 100,0 | 100,0 | 100,0 | 0,0  | 0,0  | 0,0  |
|     |                         |       |      |      |      |       |       |       |      |      | 0,8  |
|     | Strategie 9             | 90,0  |      |      |      | 90,0  | 90,0  | 90,0  | 1,0  | 1,0  | 1,0  |
|     |                         | 60,0  |      |      |      | 40,0  | 50,0  | 5,0   | 8,0  | 8,0  | 2,0  |
|     |                         | 95,0  |      |      |      | 30,0  | 90,0  | 1,0   | 1,0  | 1,0  | 5,0  |
|     |                         | 80,0  |      |      |      | 100,0 | 100,0 | 5,0   | 2,0  | 2,0  | 2,0  |
|     |                         |       |      |      |      |       |       |       |      |      | 2,5  |
|     | Strategie 10            | 95,0  |      |      |      | 95,0  | 95,0  | 95,0  | 1,0  | 1,0  | 1,0  |
|     |                         | 95,0  |      |      |      | 95,0  | 95,0  | 95,0  | 1,0  | 1,0  | 1,0  |
|     |                         | 100,0 |      |      |      | 100,0 | 100,0 | 100,0 | 0,0  | 0,0  | 0,0  |
|     |                         | 70,0  |      |      |      | 90,0  | 90,0  | 90,0  | 2,0  | 5,0  | 1,0  |
|     |                         |       |      |      |      |       |       |       |      |      | 0,8  |
|     | Strategie 11            | 50,0  |      |      |      | 60,0  | 60,0  | 80,0  | 2,0  | 2,0  | 2,0  |
|     |                         | 95,0  |      |      |      | 95,0  | 95,0  | 95,0  | 1,0  | 1,0  | 1,0  |
|     |                         | 100,0 |      |      |      | 100,0 | 100,0 | 100,0 | 0,0  | 0,0  | 0,0  |
|     |                         | 80,0  |      |      |      | 60,0  | 80,0  | 80,0  | 5,0  | 5,0  | 2,0  |
|     |                         |       |      |      |      |       |       |       |      |      | 1,3  |
|     | Strategie 12            | 95,0  |      |      |      | 95,0  | 95,0  | 95,0  | 1,0  | 2,0  | 2,0  |
|     |                         | 95,0  |      |      |      | 95,0  | 95,0  | 95,0  | 1,0  | 1,0  | 1,0  |
|     |                         | 100,0 |      |      |      | 100,0 | 100,0 | 100,0 | 0,0  | 0,0  | 0,0  |
|     |                         | 90,0  |      |      |      | 60,0  | 80,0  | 80,0  | 5,0  | 5,0  | 5,0  |
|     |                         |       |      |      |      |       |       |       |      |      | 2,0  |
|     | Strategie 13            | 90,0  |      |      |      | 90,0  | 90,0  | 90,0  | 1,0  | 1,0  | 1,0  |
|     |                         | 90,0  |      |      |      | 95,0  | 90,0  | 90,0  | 2,0  | 1,0  | 1,0  |
|     |                         | 100,0 |      |      |      | 100,0 | 70,0  | 70,0  | 1,0  | 0,0  | 0,0  |
|     |                         | 90,0  |      |      |      | 100,0 | 100,0 | 100,0 | 2,0  | 2,0  | 2,0  |
|     |                         |       |      |      |      |       |       |       |      |      | 1,0  |
| 14  | mechanical weed control |       | BC   |      | 14   | 0,0   | 0,0   | 0,0   | 60,0 | 50,0 | 10,0 |
|     |                         |       |      |      |      | 20,0  | 20,0  | 20,0  | 20,0 | 10,0 | 5,0  |
|     |                         |       |      |      |      | 0,0   | 0,0   | 0,0   | 60,0 | 60,0 | 20,0 |
|     |                         |       |      |      |      | 20,0  | 20,0  | 20,0  | 10,0 | 5,0  | 1,0  |
|     |                         |       |      |      |      |       |       |       |      |      | 9,0  |

| Trt | Treatment       | Rate       | Appl |        | 20  | 21   | 22   | 23   | 24   | 25    |
|-----|-----------------|------------|------|--------|-----|------|------|------|------|-------|
| 1   | Untreated Check |            |      | 104    | 1,0 | 8,0  | 10,0 | 0,0  | 0,0  | 0,0   |
|     |                 |            |      | 212    | 2,0 | 2,0  | 10,0 | 0,0  | 0,0  | 0,0   |
|     |                 |            |      | 309    | 2,0 | 8,0  | 10,0 | 0,0  | 0,0  | 0,0   |
|     |                 |            |      | 402    | 2,0 | 15,0 | 9,0  | 0,0  | 0,0  | 0,0   |
|     |                 |            |      | Mean = |     |      |      |      |      | 0,0   |
| 2   | Bonalan         | 6 l/ha     | A    | 111    | 1,0 | 1,0  | 10,0 | 0,0  | 0,0  | 95,0  |
|     | Kerb            | 1,875 l/ha | B    | 210    | 0,0 | 0,0  | 10,0 | 5,0  | 5,0  | 100,0 |
|     | Stomp           | 1,50 l/ha  | B    | 303    | 0,0 | 0,0  | 10,0 | 5,0  | 5,0  | 90,0  |
|     | Lentagran       | 0,25 kg/ha | C    | 407    | 0,0 | 2,0  | 9,0  | 0,0  | 0,0  | 85,0  |
|     | Lentagran       | 0,35 kg/ha | DE   |        |     |      |      |      |      |       |
|     | Uitvloeier      |            | C    |        |     |      |      |      |      |       |
|     | Wing P          | 0,35 l/ha  | DE   |        |     |      |      |      |      |       |
|     |                 |            |      | Mean = |     |      |      |      |      | 92,5  |
| 3   | Kerb            | 1,875 l/ha | B    | 102    | 0,0 | 2,0  | 10,0 | 0,0  | 0,0  | 90,0  |
|     | Stomp           | 1,50 l/ha  | B    | 204    | 0,0 | 1,0  | 10,0 | 10,0 | 10,0 | 95,0  |
|     | Lentagran       | 0,25 kg/ha | C    | 308    | 0,0 | 2,0  | 10,0 | 10,0 | 10,0 | 95,0  |
|     | Lentagran       | 0,35 kg/ha | DE   | 412    | 0,0 | 1,0  | 10,0 | 0,0  | 0,0  | 100,0 |
|     | Uitvloeier      |            | C    |        |     |      |      |      |      |       |
|     | Wing P          | 0,35 l/ha  | DE   |        |     |      |      |      |      |       |
|     |                 |            |      | Mean = |     |      |      |      |      | 95,0  |
|     | Strategie 4     |            |      |        | 0,0 | 1,0  | 10,0 | 0,0  | 0,0  | 100,0 |
|     |                 |            |      |        | 0,0 | 0,0  | 10,0 | 5,0  | 5,0  | 100,0 |
|     |                 |            |      |        | 1,0 | 1,0  | 9,0  | 20,0 | 20,0 | 95,0  |
|     |                 |            |      |        | 1,0 | 1,0  | 10,0 | 0,0  | 0,0  | 95,0  |
|     |                 |            |      |        |     |      |      |      |      | 97,5  |
|     | Strategie 5     |            |      |        | 1,0 | 1,0  | 10,0 | 10,0 | 10,0 | 90,0  |
|     |                 |            |      |        | 1,0 | 1,0  | 9,0  | 30,0 | 30,0 | 100,0 |
|     |                 |            |      |        | 0,0 | 0,0  | 10,0 | 20,0 | 20,0 | 100,0 |
|     |                 |            |      |        | 0,0 | 5,0  | 8,0  | 10,0 | 10,0 | 60,0  |
|     |                 |            |      |        |     |      |      |      |      | 87,5  |
|     | Strategie 6     |            |      |        | 1,0 | 2,0  | 8,0  | 10,0 | 10,0 | 70,0  |
|     |                 |            |      |        | 0,0 | 0,0  | 10,0 | 5,0  | 5,0  | 95,0  |
|     |                 |            |      |        | 0,0 | 2,0  | 10,0 | 5,0  | 5,0  | 80,0  |
|     |                 |            |      |        | 1,0 | 1,0  | 10,0 | 10,0 | 10,0 | 95,0  |
|     |                 |            |      |        |     |      |      |      |      | 85,0  |
|     | Strategie 7     |            |      |        | 0,0 | 1,0  | 10,0 | 0,0  | 0,0  | 60,0  |
|     |                 |            |      |        | 0,0 | 1,0  | 8,0  | 20,0 | 20,0 | 90,0  |
|     |                 |            |      |        | 1,0 | 15,0 | 10,0 | 10,0 | 10,0 | 20,0  |
|     |                 |            |      |        | 0,0 | 0,0  | 10,0 | 10,0 | 10,0 | 100,0 |
|     |                 |            |      |        |     |      |      |      |      | 67,5  |

| Trt | Treatment                  | Rate | Appl |      |      |                          |                              |                              |                             |                             |                                       |
|-----|----------------------------|------|------|------|------|--------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|---------------------------------------|
| No. | Name                       | Rate | Unit | Code | Plot | 20                       | 21                           | 22                           | 23                          | 24                          | 25                                    |
|     | Strategie 8                |      |      |      |      | 1,0<br>2,0<br>0,0<br>0,0 | 2,0<br>2,0<br>0,0<br>0,0     | 9,0<br>9,0<br>10,0<br>10,0   | 30,0<br>0,0<br>0,0<br>20,0  | 30,0<br>0,0<br>0,0<br>20,0  | 60,0<br>50,0<br>100,0<br>100,0        |
|     | Strategie 9                |      |      |      |      | 1,0<br>2,0<br>0,0<br>0,0 | 1,0<br>8,0<br>2,0<br>5,0     | 9,0<br>10,0<br>10,0<br>8,0   | 20,0<br>0,0<br>0,0<br>0,0   | 20,0<br>0,0<br>0,0<br>0,0   | 100,0<br>50,0<br>70,0<br>80,0         |
|     | Strategie 10               |      |      |      |      | 1,0<br>1,0<br>0,0<br>1,0 | 1,0<br>1,0<br>0,0<br>5,0     | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>5,0<br>0,0<br>0,0    | 0,0<br>5,0<br>0,0<br>0,0    | 95,0<br>80,0<br>80,0<br>50,0          |
|     | Strategie 11               |      |      |      |      | 1,0<br>1,0<br>0,0<br>1,0 | 5,0<br>1,0<br>0,0<br>5,0     | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>95,0<br>100,0<br>80,0          |
|     | Strategie 12               |      |      |      |      | 1,0<br>1,0<br>0,0<br>2,0 | 1,0<br>1,0<br>0,0<br>8,0     | 10,0<br>10,0<br>8,0<br>8,0   | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0    | 95,0<br>95,0<br>100,0<br>80,0<br>92,5 |
|     | Strategie 13               |      |      |      |      | 1,0<br>1,0<br>1,0<br>1,0 | 1,0<br>1,0<br>1,0<br>5,0     | 10,0<br>8,0<br>9,0<br>9,0    | 0,0<br>30,0<br>20,0<br>10,0 | 0,0<br>30,0<br>20,0<br>10,0 | 90,0<br>100,0<br>100,0<br>100,0       |
|     | 14 mechanical weed control |      | BC   | 14   |      | 5,0<br>2,0<br>5,0<br>1,0 | 60,0<br>20,0<br>60,0<br>15,0 | 10,0<br>10,0<br>10,0<br>10,0 | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0    | 0,0<br>0,0<br>0,0<br>0,0              |

| Trt | Treatment       | Rate       | Appl |        | 26    | 27    | 28    | 29    | 30    | 31   |
|-----|-----------------|------------|------|--------|-------|-------|-------|-------|-------|------|
| 1   | Untreated Check |            |      | 104    | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 10,0 |
|     |                 |            |      | 212    | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 2,0  |
|     |                 |            |      | 309    | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 5,0  |
|     |                 |            |      | 402    | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 20,0 |
|     |                 |            |      | Mean = |       |       |       |       |       | 9,3  |
| 2   | Bonalan         | 6 l/ha     | A    | 111    | 95,0  | 95,0  | 95,0  | 100,0 | 95,0  | 1,0  |
|     | Kerb            | 1,875 l/ha | B    | 210    | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     | Stomp           | 1,50 l/ha  | B    | 303    | 90,0  | 100,0 | 100,0 | 100,0 | 95,0  | 2,0  |
|     | Lentagran       | 0,25 kg/ha | C    | 407    | 85,0  | 100,0 | 100,0 | 100,0 | 85,0  | 5,0  |
|     | Lentagran       | 0,35 kg/ha | DE   |        |       |       |       |       |       |      |
|     | Uitvloeier      |            | C    |        |       |       |       |       |       |      |
|     | Wing P          | 0,35 l/ha  | DE   |        |       |       |       |       |       |      |
|     |                 |            |      | Mean = |       |       |       |       |       | 2,0  |
| 3   | Kerb            | 1,875 l/ha | B    | 102    | 90,0  | 90,0  | 100,0 | 100,0 | 90,0  | 1,0  |
|     | Stomp           | 1,50 l/ha  | B    | 204    | 70,0  | 95,0  | 100,0 | 100,0 | 85,0  | 1,0  |
|     | Lentagran       | 0,25 kg/ha | C    | 308    | 95,0  | 100,0 | 100,0 | 100,0 | 90,0  | 1,0  |
|     | Lentagran       | 0,35 kg/ha | DE   | 412    | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     | Uitvloeier      |            | C    |        |       |       |       |       |       |      |
|     | Wing P          | 0,35 l/ha  | DE   |        |       |       |       |       |       |      |
|     |                 |            |      | Mean = |       |       |       |       |       | 0,8  |
|     | Strategie 4     |            |      |        | 90,0  | 90,0  | 100,0 | 100,0 | 95,0  | 0,0  |
|     |                 |            |      |        | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                 |            |      |        | 95,0  | 95,0  | 95,0  | 100,0 | 95,0  | 1,0  |
|     |                 |            |      |        | 95,0  | 100,0 | 100,0 | 100,0 | 95,0  | 1,0  |
|     |                 |            |      |        |       |       |       |       |       | 0,5  |
|     | Strategie 5     |            |      |        | 60,0  | 60,0  | 90,0  | 90,0  | 80,0  | 1,0  |
|     |                 |            |      |        | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                 |            |      |        | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                 |            |      |        | 60,0  | 80,0  | 100,0 | 100,0 | 70,0  | 5,0  |
|     |                 |            |      |        |       |       |       |       |       | 1,5  |
|     | Strategie 6     |            |      |        | 50,0  | 50,0  | 90,0  | 90,0  | 50,0  | 5,0  |
|     |                 |            |      |        | 95,0  | 95,0  | 100,0 | 100,0 | 95,0  | 1,0  |
|     |                 |            |      |        | 80,0  | 100,0 | 100,0 | 100,0 | 90,0  | 2,0  |
|     |                 |            |      |        | 95,0  | 100,0 | 100,0 | 100,0 | 90,0  | 1,0  |
|     |                 |            |      |        |       |       |       |       |       | 2,3  |
|     | Strategie 7     |            |      |        | 50,0  | 90,0  | 90,0  | 100,0 | 70,0  | 5,0  |
|     |                 |            |      |        | 90,0  | 95,0  | 100,0 | 100,0 | 90,0  | 1,0  |
|     |                 |            |      |        | 20,0  | 80,0  | 0,0   | 100,0 | 20,0  | 10,0 |
|     |                 |            |      |        | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0  |
|     |                 |            |      |        |       |       |       |       |       | 4,0  |

| Trt | Treatment                  | Rate | Appl |      |      |  |   |   |  |  |   |
|-----|----------------------------|------|------|------|------|--|---|---|--|--|---|
| No. | Name                       | Rate | Unit | Code | Plot | 26   | 27  | 28  | 29   | 30   | 31  |
|     | Strategie 8                |      |      |      |      | 40,0<br>40,0<br>90,0<br>95,0                 | 40,0<br>50,0<br>100,0<br>100,0                | 50,0<br>90,0<br>100,0<br>100,0                | 80,0<br>100,0<br>100,0<br>100,0                | 40,0<br>50,0<br>95,0<br>95,0                 | 5,0<br>10,0<br>0,0<br>0,0                   |
|     | Strategie 9                |      |      |      |      | 66,3<br>20,0<br>10,0<br>70,0<br>80,0         | 72,5<br>100,0<br>50,0<br>30,0<br>100,0        | 85,0<br>80,0<br>30,0<br>90,0<br>100,0         | 95,0<br>100,0<br>100,0<br>0<br>100,0           | 70,0<br>50,0<br>40,0<br>40,0<br>80,0         | 3,8<br>0,0<br>10,0<br>5,0<br>5,0            |
|     | Strategie 10               |      |      |      |      | 45,0<br>80,0<br>70,0<br>80,0<br>50,0         | 70,0<br>95,0<br>70,0<br>50,0                  | 75,0<br>95,0<br>100,0<br>80,0<br>0,0          | 75,0<br>90,0<br>100,0<br>80,0<br>0,0           | 52,5<br>90,0<br>85,0<br>75,0<br>40,0         | 5,0<br>1,0<br>2,0<br>5,0<br>5,0             |
|     | Strategie 11               |      |      |      |      | 70,0<br>0,0<br>80,0<br>100,0<br>30,0         | 77,5<br>0,0<br>95,0<br>100,0<br>60,0          | 68,8<br>0,0<br>95,0<br>100,0<br>80,0          | 67,5<br>0,0<br>100,0<br>100,0<br>0,0           | 72,5<br>0,0<br>90,0<br>100,0<br>40,0         | 3,3<br>10,0<br>1,0<br>0,0<br>5,0            |
|     | Strategie 12               |      |      |      |      | 52,5<br>95,0<br>40,0<br>80,0<br>30,0<br>61,3 | 63,8<br>95,0<br>50,0<br>100,0<br>50,0<br>73,8 | 68,8<br>95,0<br>95,0<br>100,0<br>80,0<br>92,5 | 50,0<br>100,0<br>95,0<br>100,0<br>80,0<br>93,8 | 57,5<br>95,0<br>50,0<br>90,0<br>70,0<br>76,3 | 4,0<br>1,0<br>5,0<br>0,0<br>5,0<br>2,8      |
|     | Strategie 13               |      |      |      |      | 90,0<br>100,0<br>100,0<br>90,0               | 90,0<br>100,0<br>100,0<br>100,0               | 90,0<br>100,0<br>100,0<br>100,0               | 100,0<br>100,0<br>100,0<br>100,0               | 90,0<br>100,0<br>95,0<br>95,0                | 1,0<br>0,0<br>0,0<br>0,0                    |
|     | 14 mechanical weed control |      | BC   |      |      | 95,0<br>0,0<br>0,0<br>0,0<br>0,0             | 97,5<br>0,0<br>0,0<br>0,0<br>0,0              | 97,5<br>0,0<br>0,0<br>0,0<br>0,0              | 100,0<br>0,0<br>0,0<br>0,0<br>0,0              | 95,0<br>0,0<br>0,0<br>0,0<br>0,0             | 0,3<br>60,0<br>20,0<br>60,0<br>10,0<br>37,5 |

| Trt | Treatment       | Rate       | Appl |        | 32   | 33  | 34  | 35  | 36   | 37   |
|-----|-----------------|------------|------|--------|------|-----|-----|-----|------|------|
| 1   | Untreated Check |            |      | 104    | 10,0 | 5,0 | 2,0 | 5,0 | 25,0 | 10,0 |
|     |                 |            |      | 212    | 2,0  | 2,0 | 2,0 | 2,0 | 2,0  | 10,0 |
|     |                 |            |      | 309    | 10,0 | 5,0 | 2,0 | 2,0 | 15,0 | 10,0 |
|     |                 |            |      | 402    | 40,0 | 5,0 | 2,0 | 5,0 | 60,0 | 9,0  |
|     |                 |            |      | Mean = |      |     |     |     |      | 9,8  |
| 2   | Bonalan         | 6 l/ha     | A    | 111    | 1,0  | 1,0 | 1,0 | 0,0 | 1,0  | 10,0 |
|     | Kerb            | 1,875 l/ha | B    | 210    | 0,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     | Stomp           | 1,50 l/ha  | B    | 303    | 2,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     | Lentagran       | 0,25 kg/ha | C    | 407    | 5,0  | 0,0 | 0,0 | 0,0 | 5,0  | 9,0  |
|     | Lentagran       | 0,35 kg/ha | DE   |        |      |     |     |     |      |      |
|     | Uitvloeier      |            | C    |        |      |     |     |     |      |      |
|     | Wing P          | 0,35 l/ha  | DE   |        |      |     |     |     |      |      |
|     |                 |            |      | Mean = |      |     |     |     |      | 9,8  |
| 3   | Kerb            | 1,875 l/ha | B    | 102    | 1,0  | 1,0 | 0,0 | 0,0 | 1,0  | 10,0 |
|     | Stomp           | 1,50 l/ha  | B    | 204    | 5,0  | 1,0 | 0,0 | 0,0 | 5,0  | 10,0 |
|     | Lentagran       | 0,25 kg/ha | C    | 308    | 1,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     | Lentagran       | 0,35 kg/ha | DE   | 412    | 0,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     | Uitvloeier      |            | C    |        |      |     |     |     |      |      |
|     | Wing P          | 0,35 l/ha  | DE   |        |      |     |     |     |      |      |
|     |                 |            |      | Mean = |      |     |     |     |      | 10,0 |
|     | Strategie 4     |            |      |        | 1,0  | 1,0 | 0,0 | 0,0 | 1,0  | 10,0 |
|     |                 |            |      |        | 0,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     |                 |            |      |        | 1,0  | 1,0 | 1,0 | 0,0 | 1,0  | 9,0  |
|     |                 |            |      |        | 1,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     |                 |            |      |        |      |     |     |     |      | 9,8  |
|     | Strategie 5     |            |      |        | 5,0  | 1,0 | 1,0 | 1,0 | 8,0  | 10,0 |
|     |                 |            |      |        | 0,0  | 0,0 | 0,0 | 0,0 | 0,0  | 9,0  |
|     |                 |            |      |        | 0,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     |                 |            |      |        | 5,0  | 1,0 | 0,0 | 1,0 | 5,0  | 8,0  |
|     |                 |            |      |        |      |     |     |     |      | 9,3  |
|     | Strategie 6     |            |      |        | 10,0 | 2,0 | 1,0 | 1,0 | 10,0 | 8,0  |
|     |                 |            |      |        | 1,0  | 1,0 | 0,0 | 0,0 | 1,0  | 10,0 |
|     |                 |            |      |        | 2,0  | 0,0 | 0,0 | 0,0 | 5,0  | 10,0 |
|     |                 |            |      |        | 1,0  | 0,0 | 0,0 | 0,0 | 1,0  | 10,0 |
|     |                 |            |      |        |      |     |     |     |      | 9,5  |
|     | Strategie 7     |            |      |        | 5,0  | 2,0 | 1,0 | 0,0 | 8,0  | 10,0 |
|     |                 |            |      |        | 1,0  | 1,0 | 0,0 | 0,0 | 1,0  | 8,0  |
|     |                 |            |      |        | 10,0 | 1,0 | 2,0 | 0,0 | 15,0 | 10,0 |
|     |                 |            |      |        | 0,0  | 0,0 | 0,0 | 0,0 | 0,0  | 10,0 |
|     |                 |            |      |        |      |     |     |     |      | 9,5  |

| Trt | Treatment               | Rate | Appl |      |      |      |     |      |      |      |      |
|-----|-------------------------|------|------|------|------|------|-----|------|------|------|------|
| No. | Name                    | Rate | Unit | Code | Plot | 32   | 33  | 34   | 35   | 36   | 37   |
|     | Strategie 8             | 10,0 |      |      |      | 10,0 | 2,0 | 2,0  | 1,0  | 15,0 | 9,0  |
|     |                         | 15,0 |      |      |      | 2,0  | 2,0 | 1,0  | 1,0  | 20,0 | 9,0  |
|     |                         | 2,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 0,0  | 10,0 |
|     |                         | 1,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 1,0  | 10,0 |
|     |                         | 7,0  |      |      |      | 1,0  | 0,8 | 0,5  | 9,0  | 9,5  |      |
|     | Strategie 9             | 10,0 |      |      |      | 5,0  | 5,0 | 1,0  | 0,0  | 15,0 | 9,0  |
|     |                         | 20,0 |      |      |      | 5,0  | 5,0 | 5,0  | 0,0  | 20,0 | 10,0 |
|     |                         | 5,0  |      |      |      | 5,0  | 5,0 | 2,0  | 5,0  | 15,0 | 10,0 |
|     |                         | 5,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 0,0  | 8,0  |
|     |                         | 10,0 |      |      |      | 3,8  | 2,0 | 1,3  | 12,5 | 9,3  |      |
|     | Strategie 10            | 5,0  |      |      |      | 1,0  | 1,0 | 1,0  | 1,0  | 5,0  | 10,0 |
|     |                         | 2,0  |      |      |      | 1,0  | 1,0 | 0,0  | 0,0  | 0,0  | 10,0 |
|     |                         | 10,0 |      |      |      | 2,0  | 1,0 | 1,0  | 1,0  | 10,0 | 10,0 |
|     |                         | 5,0  |      |      |      | 5,0  | 5,0 | 5,0  | 5,0  | 15,0 | 10,0 |
|     |                         | 5,5  |      |      |      | 2,3  | 1,8 | 1,8  | 7,5  | 10,0 |      |
|     | Strategie 11            | 20,0 |      |      |      | 5,0  | 5,0 | 5,0  | 5,0  | 30,0 | 10,0 |
|     |                         | 1,0  |      |      |      | 1,0  | 1,0 | 1,0  | 1,0  | 2,0  | 10,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 0,0  | 10,0 |
|     |                         | 15,0 |      |      |      | 2,0  | 1,0 | 10,0 | 10,0 | 20,0 | 10,0 |
|     |                         | 9,0  |      |      |      | 2,0  | 1,8 | 4,0  | 13,0 | 10,0 |      |
|     | Strategie 12            | 1,0  |      |      |      | 1,0  | 1,0 | 1,0  | 0,0  | 1,0  | 10,0 |
|     |                         | 15,0 |      |      |      | 1,0  | 1,0 | 1,0  | 1,0  | 15,0 | 10,0 |
|     |                         | 5,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 0,0  | 8,0  |
|     |                         | 10,0 |      |      |      | 2,0  | 2,0 | 2,0  | 2,0  | 15,0 | 8,0  |
|     |                         | 7,8  |      |      |      | 1,0  | 1,0 | 0,8  | 7,8  | 9,0  |      |
|     | Strategie 13            | 1,0  |      |      |      | 1,0  | 1,0 | 1,0  | 0,0  | 1,0  | 10,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 0,0  | 8,0  |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 0,0  | 9,0  |
|     |                         | 5,0  |      |      |      | 0,0  | 0,0 | 0,0  | 0,0  | 5,0  | 9,0  |
|     |                         | 1,5  |      |      |      | 0,3  | 0,3 | 0,0  | 1,5  | 9,0  |      |
| 14  | mechanical weed control |      | BC   |      |      | 80,0 | 5,0 | 2,0  | 2,0  | 80,0 | 10,0 |
|     |                         | 25,0 |      |      |      | 5,0  | 5,0 | 2,0  | 20,0 | 30,0 | 10,0 |
|     |                         | 80,0 |      |      |      | 5,0  | 5,0 | 2,0  | 2,0  | 80,0 | 10,0 |
|     |                         | 5,0  |      |      |      | 1,0  | 1,0 | 1,0  | 1,0  | 20,0 | 10,0 |
|     |                         | 47,5 |      |      |      | 4,0  | 1,8 | 1,8  | 6,3  | 52,5 | 10,0 |



| Trt | Treatment               | Rate | Appl |      |      |      |      |       |       |       |       |       |     |     |       |       |       |       |
|-----|-------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-------|-------|
| No. | Name                    | Rate | Unit | Code | Plot | 38   | 39   | 40    | 41    | 42    | 43    | 44    |     |     |       |       |       |       |
|     | Strategie 8             | 30,0 |      |      |      | 30,0 | 30,0 | 60,0  | 40,0  | 40,0  | 50,0  | 80,0  | 0,0 | 0,0 | 50,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 50,0  | 40,0  | 50,0  | 90,0  | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 20,0 |      |      |      | 20,0 | 20,0 | 100,0 | 90,0  | 100,0 | 100,0 | 80,0  | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 12,5 |      |      |      | 12,5 | 12,5 | 77,5  | 62,5  | 72,5  | 80,0  | 95,0  | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     | Strategie 9             | 20,0 |      |      |      | 20,0 | 20,0 | 100,0 | 20,0  | 100,0 | 80,0  | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 50,0  | 10,0  | 50,0  | 30,0  | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 90,0  | 70,0  | 80,0  | 90,0  | 0,0   | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 80,0  | 80,0  | 100,0 | 100,0 | 0,0   | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     | Strategie 10            | 5,0  |      |      |      | 5,0  | 5,0  | 80,0  | 45,0  | 82,5  | 75,0  | 75,0  | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 95,0  | 70,0  | 95,0  | 50,0  | 70,0  | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 5,0  |      |      |      | 5,0  | 5,0  | 80,0  | 60,0  | 95,0  | 100,0 | 100,0 | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 70,0  | 80,0  | 70,0  | 80,0  | 80,0  | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 50,0  | 50,0  | 50,0  | 30,0  | 0,0   | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     | Strategie 11            | 1,3  |      |      |      | 1,3  | 1,3  | 73,8  | 65,0  | 77,5  | 65,0  | 62,5  | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 90,0  | 80,0  | 95,0  | 95,0  | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 80,0  | 30,0  | 60,0  | 80,0  | 0,0   | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     | Strategie 12            | 0,0  |      |      |      | 0,0  | 0,0  | 67,5  | 52,5  | 63,8  | 68,8  | 50,0  | 0,0 | 0,0 | 67,5  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 95,0  | 85,0  | 90,0  | 95,0  | 100,0 | 0,0 | 0,0 | 95,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 80,0  | 40,0  | 50,0  | 90,0  | 95,0  | 0,0 | 0,0 | 90,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 100,0 | 70,0  | 100,0 | 100,0 | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 80,0  | 30,0  | 50,0  | 80,0  | 80,0  | 0,0 | 0,0 | 80,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 0,0  |      |      |      | 0,0  | 0,0  | 88,8  | 56,3  | 72,5  | 91,3  | 93,8  | 0,0 | 0,0 | 88,8  | 100,0 | 100,0 | 100,0 |
|     | Strategie 13            | 0,0  |      |      |      | 0,0  | 0,0  | 95,0  | 90,0  | 90,0  | 90,0  | 100,0 | 0,0 | 0,0 | 90,0  | 100,0 | 100,0 | 100,0 |
|     |                         | 30,0 |      |      |      | 30,0 | 30,0 | 100,0 | 90,0  | 100,0 | 90,0  | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 20,0 |      |      |      | 20,0 | 20,0 | 100,0 | 90,0  | 100,0 | 100,0 | 60,0  | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 10,0 |      |      |      | 10,0 | 10,0 | 95,0  | 90,0  | 100,0 | 100,0 | 100,0 | 0,0 | 0,0 | 100,0 | 100,0 | 100,0 | 100,0 |
|     |                         | 15,0 |      |      |      | 15,0 | 15,0 | 97,5  | 90,0  | 97,5  | 95,0  | 90,0  | 0,0 | 0,0 | 95,0  | 100,0 | 100,0 | 100,0 |
| 14  | mechanical weed control |      | BC   |      |      | 0,0  | 0,0  | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 0,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   |
|     |                         |      |      |      |      | 0,0  | 0,0  | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 0,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   |
|     |                         |      |      |      |      | 0,0  | 0,0  | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 0,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   |
|     |                         |      |      |      |      | 0,0  | 0,0  | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 0,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   |
|     |                         |      |      |      |      | 0,0  | 0,0  | 0,0   | 0,0   | 0,0   | 0,0   | 0,0   | 0,0 | 0,0 | 0,0   | 0,0   | 0,0   | 0,0   |



| Trt | Treatment               | Rate  | Appl |      |      |       |      |      |      |     |      |
|-----|-------------------------|-------|------|------|------|-------|------|------|------|-----|------|
| No. | Name                    | Rate  | Unit | Code | Plot | 45    | 46   | 47   | 48   | 49  | 50   |
|     | Strategie 8             | 40,0  |      |      |      | 40,0  | 5,0  | 15,0 | 2,0  | 2,0 | 1,0  |
|     |                         | 50,0  |      |      |      | 50,0  | 10,0 | 15,0 | 2,0  | 1,0 | 1,0  |
|     |                         | 90,0  |      |      |      | 90,0  | 0,0  | 5,0  | 0,0  | 0,0 | 0,0  |
|     |                         | 90,0  |      |      |      | 90,0  | 0,0  | 2,0  | 0,0  | 2,0 | 0,0  |
|     |                         | 67,5  |      |      |      | 67,5  | 3,8  | 9,3  | 1,0  | 1,3 | 0,5  |
|     | Strategie 9             | 60,0  |      |      |      | 60,0  | 0,0  | 15,0 | 5,0  | 1,0 | 0,0  |
|     |                         | 40,0  |      |      |      | 40,0  | 10,0 | 20,0 | 5,0  | 5,0 | 0,0  |
|     |                         | 30,0  |      |      |      | 30,0  | 5,0  | 5,0  | 5,0  | 2,0 | 15,0 |
|     |                         | 80,0  |      |      |      | 80,0  | 5,0  | 5,0  | 0,0  | 0,0 | 0,0  |
|     |                         | 52,5  |      |      |      | 52,5  | 5,0  | 11,3 | 3,8  | 2,0 | 3,8  |
|     | Strategie 10            | 80,0  |      |      |      | 80,0  | 2,0  | 8,0  | 1,0  | 5,0 | 2,0  |
|     |                         | 80,0  |      |      |      | 80,0  | 2,0  | 8,0  | 1,0  | 0,0 | 0,0  |
|     |                         | 75,0  |      |      |      | 75,0  | 5,0  | 10,0 | 2,0  | 1,0 | 1,0  |
|     |                         | 40,0  |      |      |      | 40,0  | 5,0  | 10,0 | 5,0  | 5,0 | 5,0  |
|     |                         | 68,8  |      |      |      | 68,8  | 3,5  | 9,0  | 2,3  | 2,8 | 2,0  |
|     | Strategie 11            | 0,0   |      |      |      | 0,0   | 10,0 | 25,0 | 5,0  | 5,0 | 5,0  |
|     |                         | 90,0  |      |      |      | 90,0  | 1,0  | 5,0  | 1,0  | 1,0 | 1,0  |
|     |                         | 100,0 |      |      |      | 100,0 | 0,0  | 0,0  | 0,0  | 0,0 | 0,0  |
|     |                         | 40,0  |      |      |      | 40,0  | 5,0  | 20,0 | 2,0  | 1,0 | 10,0 |
|     |                         | 57,5  |      |      |      | 57,5  | 4,0  | 12,5 | 2,0  | 1,8 | 4,0  |
|     | Strategie 12            | 90,0  |      |      |      | 90,0  | 1,0  | 5,0  | 2,0  | 1,0 | 1,0  |
|     |                         | 50,0  |      |      |      | 50,0  | 5,0  | 15,0 | 1,0  | 1,0 | 1,0  |
|     |                         | 85,0  |      |      |      | 85,0  | 0,0  | 10,0 | 0,0  | 0,0 | 0,0  |
|     |                         | 70,0  |      |      |      | 70,0  | 5,0  | 15,0 | 2,0  | 2,0 | 2,0  |
|     |                         | 73,8  |      |      |      | 73,8  | 2,8  | 11,3 | 1,3  | 1,0 | 1,0  |
|     | Strategie 13            | 90,0  |      |      |      | 90,0  | 1,0  | 1,0  | 1,0  | 1,0 | 0,0  |
|     |                         | 95,0  |      |      |      | 95,0  | 0,0  | 2,0  | 0,0  | 1,0 | 0,0  |
|     |                         | 85,0  |      |      |      | 85,0  | 1,0  | 1,0  | 0,0  | 0,0 | 5,0  |
|     |                         | 95,0  |      |      |      | 95,0  | 1,0  | 5,0  | 0,0  | 0,0 | 0,0  |
|     |                         | 91,3  |      |      |      | 91,3  | 0,8  | 2,3  | 0,3  | 0,5 | 1,3  |
| 14  | mechanical weed control | 0,0   | BC   |      |      | 0,0   | 60,0 | 80,0 | 5,0  | 2,0 | 2,0  |
|     |                         | 0,0   |      |      |      | 0,0   | 20,0 | 30,0 | 10,0 | 2,0 | 20,0 |
|     |                         | 0,0   |      |      |      | 0,0   | 60,0 | 80,0 | 5,0  | 2,0 | 2,0  |
|     |                         | 0,0   |      |      |      | 0,0   | 10,0 | 5,0  | 1,0  | 1,0 | 1,0  |
|     |                         | 0,0   |      |      |      | 0,0   | 37,5 | 48,8 | 5,3  | 1,8 | 6,3  |

|                               |                       |
|-------------------------------|-----------------------|
| Pest Type                     | W; Weed               |
| Pest Code                     | TTTTT                 |
| Pest Scientific Name          | Weed plants           |
| Pest Name                     | Weed plants           |
| Crop Type, Code               | C; SCVHI              |
| BBCH Scale                    | BDIC                  |
| Crop Scientific Name          | Scorzonera hisp>      |
| Crop Name                     | Oyster plant          |
| Description                   | Bodembedekking >      |
| Rating Date                   | 17-6-2021             |
| SE Group No.                  | 37                    |
| Part Rated                    | PLANT; p              |
| Rating Type                   | GROUND                |
| Rating Unit/Min/Max           | %; 0; 100             |
| Sample Size                   | 1 PLOT                |
| Collection Basis              | 1 PLOT                |
| Reporting Basis               | 1 PLOT                |
| Number of Subsamples          | 1                     |
| Crop Stage Scale              | BBCH                  |
| Crop Stage Majority/Min/Max   | 15; 15; 15            |
| Pest Stage Majority/Min/Max   |                       |
| Pest Density                  | 120 PLA/m2            |
| Assessed By                   | EXPLORAS              |
| Data Entry Date               | 30-6-2021             |
| Rating Timing                 | A4                    |
| Days After First/Last Applic. | 50; 6                 |
| Trt-Eval Interval             | 6 DA-E                |
| Number of Decimals            | 1                     |
| Trt Treatment                 | Rate Appl             |
| No. Name                      | Rate Unit Code Plot   |
| 1 Untreated Check             | 104 30,0              |
|                               | 212 5,0               |
|                               | 309 20,0              |
|                               | 402 80,0              |
|                               | Mean =                |
| 2 Bonalan                     | 6 l/ha A 111 5,0      |
| Kerb                          | 1,875 l/ha B 210 2,0  |
| Stomp                         | 1,50 l/ha B 303 5,0   |
| Lentagran                     | 0,25 kg/ha C 407 5,0  |
| Lentagran                     | 0,35 kg/ha DE         |
| Uitvloeier                    | C                     |
| Wing P                        | 0,35 l/ha DE          |
|                               | Mean =                |
| 3 Kerb                        | 1,875 l/ha B 102 5,0  |
| Stomp                         | 1,50 l/ha B 204 5,0   |
| Lentagran                     | 0,25 kg/ha C 308 2,0  |
| Lentagran                     | 0,35 kg/ha DE 412 1,0 |
| Uitvloeier                    | C                     |
| Wing P                        | 0,35 l/ha DE          |
|                               | Mean =                |
| Strategie 4                   | 2,0                   |
|                               | 1,0                   |
|                               | 1,0                   |
|                               | 1,0                   |
| Strategie 5                   | 8,0                   |
|                               | 1,0                   |
|                               | 1,0                   |
|                               | 5,0                   |
| Strategie 6                   | 10,0                  |
|                               | 1,0                   |
|                               | 5,0                   |
|                               | 5,0                   |
| Strategie 7                   | 10,0                  |
|                               | 1,0                   |
|                               | 15,0                  |
|                               | 1,0                   |

|                               |                     |
|-------------------------------|---------------------|
| Pest Type                     | W; Weed             |
| Pest Code                     | TTTTT               |
| Pest Scientific Name          | Weed plants         |
| Pest Name                     | Weed plants         |
| Crop Type, Code               | C; SCVHI            |
| BBCH Scale                    | BDIC                |
| Crop Scientific Name          | Scorzonera hisp>    |
| Crop Name                     | Oyster plant        |
| Description                   | Bodembedekking >    |
| Rating Date                   | 17-6-2021           |
| SE Group No.                  | 37                  |
| Part Rated                    | PLANT; p            |
| Rating Type                   | GROUND              |
| Rating Unit/Min/Max           | %; 0; 100           |
| Sample Size                   | 1 PLOT              |
| Collection Basis              | 1 PLOT              |
| Reporting Basis               | 1 PLOT              |
| Number of Subsamples          | 1                   |
| Crop Stage Scale              | BBCH                |
| Crop Stage Majority/Min/Max   | 15; 15; 15          |
| Pest Stage Majority/Min/Max   |                     |
| Pest Density                  | 120 PLA/m2          |
| Assessed By                   | EXPLORAS            |
| Data Entry Date               | 30-6-2021           |
| Rating Timing                 | A4                  |
| Days After First/Last Applic. | 50; 6               |
| Trt-Eval Interval             | 6 DA-E              |
| Number of Decimals            | 1                   |
| Trt Treatment                 | Rate Appl           |
| No. Name                      | Rate Unit Code Plot |
| Strategie 8                   | 51                  |
|                               | 20,0                |
|                               | 20,0                |
|                               | 2,0                 |
|                               | 2,0                 |
|                               | 11,0                |
| Strategie 9                   | 15,0                |
|                               | 20,0                |
|                               | 20,0                |
|                               | 10,0                |
|                               | 16,3                |
| Strategie 10                  | 8,0                 |
|                               | 8,0                 |
|                               | 10,0                |
|                               | 15,0                |
|                               | 10,3                |
| Strategie 11                  | 35,0                |
|                               | 5,0                 |
|                               | 0,0                 |
|                               | 20,0                |
|                               | 15,0                |
| Strategie 12                  | 5,0                 |
|                               | 15,0                |
|                               | 10,0                |
|                               | 15,0                |
|                               | 11,3                |
| Strategie 13                  | 1,0                 |
|                               | 2,0                 |
|                               | 5,0                 |
|                               | 5,0                 |
|                               | 3,3                 |
| 14 mechanical weed control    | BC                  |
|                               | 90,0                |
|                               | 35,0                |
|                               | 90,0                |
|                               | 20,0                |
|                               | 58,8                |

**Schorseneren onkruid demo**

|   |  |                  |
|---|--|------------------|
| Trial ID: 5588 TOG schorseneren onkruid demo    | Location: Exploras                       | Trial Year: 2021 |
| Protocol ID: 5588 TOG schorseneren onkruid demo | Investigator (Creator): Arjen Krosschell |                  |
| Project ID: 5588 TOG schorseneren onkruid demo  | Study Director: Geert Hermans            |                  |
|   | Sponsor Contact:                         |                  |

Pest Type

W, Weed = Weed or volunteer crop

Pest Code

URTUR, Urtica urens, Small nettle = US  
 CHEAL, Chenopodium album, common lambsquarters = US  
 STEME, Stellaria media, chickweed = US  
 POAAN, Poa annua, Annual bluegrass = US  
 TTTTT, Weed plants, Weed plants = US  
 SOLNI, Solanum nigrum, hound berry = US

Crop Type, Code

C = EPPO species (Bayer) codes  
 SCVHI, BDIC, Scorzonera hispanica, Oyster plant = US

Part Rated

PLANT = plant  
 C = Crop is Part Rated  
 P = Pest is Part Rated

Rating Type

VIGOR = vigor  
 PHYGEN = phytotoxicity - general / injury  
 EFFICI = efficiency  
 GROUND = groundcover  
 PHYCHL = phytotoxicity - chlorosis

Rating Unit/Min/Max

1-10, 1, 10 = 1-10 index/scale  
 %, 0, 100 = percent

PLOT = total plot

PLOT = total plot

PLOT = total plot

Crop Stage Scale

BBCH = BBCH uniform plant stages

Crop Stage Majority/Min/Max

11 = First true leaf, leaf pair or whorl unfolded  
 12 = 2 true leaves, leaf pairs or whorls unfolded  
 14 = 4 true leaves, leaf pairs or whorls unfolded  
 15 = 5 true leaves, leaf pairs or whorls unfolded

Pest Stage Majority/Min/Max

10 = G,M=First true leaf emerged from coleoptile; D=Cotyledons completely unfolded; P=First leaves separated  
 11 = First true leaf, leaf pair or whorl unfolded; P=First leaves unfolded  
 12 = 2 true leaves, leaf pairs or whorls unfolded  
 14 = 4 true leaves, leaf pairs or whorls unfolded  
 16 = 6 true leaves, leaf pairs or whorls unfolded  
 25 = 5 side shoots visible; G=5 tillers visible

PLA/m2 = plants per square meter

Rating Timing

A1 = 1st Assessment According to Trial Schedule  
 A2 = 2nd Assessment According to trial Schedule  
 A3 = 3rd Assessment According to Trial Schedule  
 A4 = 4th Assessment According to Trial Schedule

## Bijlagen 3 proef plattengrond

|           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|
| 113<br>12 | 213<br>5  | 313<br>9  | 413<br>6  |           |
| 112<br>13 | 212<br>1  | 312<br>11 | 412<br>3  |           |
| 111<br>2  | 211<br>4  | 311<br>12 | 411<br>8  |           |
| 110<br>10 | 210<br>2  | 310<br>5  | 410<br>7  |           |
| 109<br>6  | 209<br>13 | 309<br>1  | 409<br>4  |           |
| 108<br>8  | 208<br>9  | 308<br>3  | 408<br>10 | 214<br>14 |
| 107<br>11 | 207<br>8  | 307<br>7  | 407<br>2  |           |
| 106<br>5  | 206<br>11 | 306<br>13 | 406<br>9  |           |
| 105<br>9  | 205<br>12 | 305<br>6  | 405<br>5  |           |
| 104<br>1  | 204<br>3  | 304<br>4  | 404<br>13 |           |
| 103       | 203       | 303       | 403       |           |

## Bijlagen 4 weer data

| No. | Date      | Moisture Total | Unit | Min Temp | Max Temp | Avg Temp | Temp Unit | Avg % Relative Humidity | Avg Wind | Unit |
|-----|-----------|----------------|------|----------|----------|----------|-----------|-------------------------|----------|------|
| 1.  | 25-2-2021 | 3,4            | mm   | 6,9      | 17       | 11,4     | C         | 79                      | 1,4      | MPS  |
| 2.  | 26-2-2021 | 0,1            | mm   | -0,4     | 11,1     | 6,5      | C         | 77                      | 2,5      | MPS  |
| 3.  | 27-2-2021 | 0              | mm   | -0,7     | 6,8      | 2,8      | C         | 93                      | 1        | MPS  |
| 4.  | 28-2-2021 | 0              | mm   | -1,2     | 10,7     | 4,6      | C         | 86                      | 2,7      | MPS  |
| 5.  | 1-3-2021  | 0              | mm   | 1,9      | 9,2      | 4,8      | C         | 89                      | 3,9      | MPS  |
| 6.  | 2-3-2021  | 0              | mm   | -1,3     | 15,7     | 6,9      | C         | 78                      | 1,7      | MPS  |
| 7.  | 3-3-2021  | 0              | mm   | 1        | 15,4     | 7,3      | C         | 85                      | 1,2      | MPS  |
| 8.  | 4-3-2021  | 0,8            | mm   | 3,3      | 4,9      | 4,2      | C         | 91                      | 2,9      | MPS  |
| 9.  | 5-3-2021  | 0,1            | mm   | -2,7     | 7,1      | 2,4      | C         | 69                      | 3,5      | MPS  |
| 10. | 6-3-2021  | 0              | mm   | -4,4     | 7,2      | 0,9      | C         | 75                      | 1,9      | MPS  |
| 11. | 7-3-2021  | 0              | mm   | -5       | 6,8      | 1,5      | C         | 74                      | 1,7      | MPS  |
| 12. | 8-3-2021  | 0,1            | mm   | -2       | 9,5      | 4,4      | C         | 71                      | 1,7      | MPS  |
| 13. | 9-3-2021  | 2,2            | mm   | 3,6      | 9,2      | 5,6      | C         | 86                      | 2,2      | MPS  |
| 14. | 10-3-2021 | 3,2            | mm   | 2,1      | 10,4     | 6,4      | C         | 81                      | 5,7      | MPS  |
| 15. | 11-3-2021 | 1,4            | mm   | 6,9      | 13,3     | 9,7      | C         | 72                      | 8,2      | MPS  |
| 16. | 12-3-2021 | 4,1            | mm   | 4,5      | 8,9      | 7        | C         | 77                      | 5,7      | MPS  |
| 17. | 13-3-2021 | 6,2            | mm   | 5,4      | 9,9      | 7,4      | C         | 73                      | 6,8      | MPS  |
| 18. | 14-3-2021 | 7,4            | mm   | 3,9      | 9,2      | 6        | C         | 84                      | 4        | MPS  |
| 19. | 15-3-2021 | 3,9            | mm   | 4,2      | 9,2      | 6,4      | C         | 85                      | 5        | MPS  |
| 20. | 16-3-2021 | 5,5            | mm   | 3,5      | 6,9      | 5,4      | C         | 91                      | 2,3      | MPS  |
| 21. | 17-3-2021 | 0,1            | mm   | 2,4      | 8        | 5,3      | C         | 85                      | 3,7      | MPS  |
| 22. | 18-3-2021 | 2              | mm   | -1,2     | 7,1      | 4        | C         | 89                      | 1,6      | MPS  |
| 23. | 19-3-2021 | 0              | mm   | -0,7     | 9,8      | 4,4      | C         | 74                      | 4        | MPS  |
| 24. | 20-3-2021 | 0,1            | mm   | -2       | 9,3      | 4,5      | C         | 78                      | 2        | MPS  |
| 25. | 21-3-2021 | 0,2            | mm   | 0,8      | 8,6      | 6,1      | C         | 78                      | 3,8      | MPS  |
| 26. | 22-3-2021 | 0,1            | mm   | 0,6      | 8,4      | 5,8      | C         | 79                      | 1,8      | MPS  |
| 27. | 23-3-2021 | 0              | mm   | 1        | 12,8     | 6,8      | C         | 80                      | 2,2      | MPS  |
| 28. | 24-3-2021 | 0              | mm   | 1        | 15,6     | 8,3      | C         | 74                      | 2,2      | MPS  |
| 29. | 25-3-2021 | 0,1            | mm   | 3,1      | 13,6     | 8,2      | C         | 78                      | 2,5      | MPS  |
| 30. | 26-3-2021 | 2,2            | mm   | 4,2      | 14,1     | 9,4      | C         | 73                      | 5,2      | MPS  |
| 31. | 27-3-2021 | 3,1            | mm   | 3,2      | 10       | 6,6      | C         | 72                      | 4,2      | MPS  |
| 32. | 28-3-2021 | 0              | mm   | 4,9      | 14       | 9,7      | C         | 69                      | 4,6      | MPS  |
| 33. | 29-3-2021 | 0              | mm   | 7,9      | 20,4     | 13       | C         | 55                      | 3,7      | MPS  |
| 34. | 30-3-2021 | 0              | mm   | 1,8      | 23,2     | 13       | C         | 57                      | 1,2      | MPS  |
| 35. | 31-3-2021 | 0              | mm   | 3,8      | 24,5     | 14,9     | C         | 53                      | 0,6      | MPS  |
| 36. | 1-4-2021  | 0              | mm   | 2,9      | 16,1     | 10,4     | C         | 74                      | 3,9      | MPS  |
| 37. | 2-4-2021  | 0              | mm   | 1,7      | 8,4      | 5,5      | C         | 78                      | 4,2      | MPS  |
| 38. | 3-4-2021  | 0,1            | mm   | 4,5      | 11,7     | 7,4      | C         | 66                      | 4,6      | MPS  |
| 39. | 4-4-2021  | 0              | mm   | 4        | 8,5      | 6        | C         | 73                      | 1,9      | MPS  |
| 40. | 5-4-2021  | 5,1            | mm   | 0        | 7,4      | 3,4      | C         | 82                      | 5,3      | MPS  |
| 41. | 6-4-2021  | 6,7            | mm   | -0,3     | 5        | 1,5      | C         | 89                      | 4,6      | MPS  |
| 42. | 7-4-2021  | 8,4            | mm   | 0        | 6,6      | 2,9      | C         | 85                      | 5,8      | MPS  |
| 43. | 8-4-2021  | 0              | mm   | 0,6      | 10       | 4,9      | C         | 64                      | 3,2      | MPS  |
| 44. | 9-4-2021  | 0,1            | mm   | 2,7      | 13,2     | 8,1      | C         | 65                      | 2        | MPS  |
| 45. | 10-4-2021 | 11,3           | mm   | 2,7      | 8,3      | 5,6      | C         | 91                      | 4,4      | MPS  |
| 46. | 11-4-2021 | 0,8            | mm   | -1,3     | 8,9      | 4,3      | C         | 76                      | 4,4      | MPS  |
| 47. | 12-4-2021 | 1,1            | mm   | -2       | 8,9      | 3,2      | C         | 75                      | 2,5      | MPS  |
| 48. | 13-4-2021 | 0,1            | mm   | -2,7     | 9,8      | 3,7      | C         | 67                      | 1,6      | MPS  |
| 49. | 14-4-2021 | 0              | mm   | -2,5     | 10       | 4,2      | C         | 69                      | 2,5      | MPS  |
| 50. | 15-4-2021 | 0              | mm   | -3,7     | 10       | 4,3      | C         | 71                      | 1,9      | MPS  |
| 51. | 16-4-2021 | 0              | mm   | -1       | 13       | 6,5      | C         | 64                      | 3,9      | MPS  |
| 52. | 17-4-2021 | 0              | mm   | 1,2      | 13       | 7,2      | C         | 66                      | 3,9      | MPS  |
| 53. | 18-4-2021 | 0              | mm   | -1,8     | 15,1     | 7,7      | C         | 75                      | 2,1      | MPS  |

|      |           |     |    |      |      |      |   |    |  |     |     |
|------|-----------|-----|----|------|------|------|---|----|--|-----|-----|
| 54.  | 19-4-2021 | 0,2 | mm | 1,3  | 12,4 | 7,7  | C | 87 |  | 0,5 | MPS |
| 55.  | 20-4-2021 | 0   | mm | 0,6  | 17,8 | 10,3 | C | 73 |  | 1,3 | MPS |
| 56.  | 21-4-2021 | 0   | mm | 2,1  | 14,7 | 8,9  | C | 71 |  | 4,3 | MPS |
| 57.  | 22-4-2021 | 0   | mm | -3,1 | 12,6 | 6,2  | C | 68 |  | 2,9 | MPS |
| 58.  | 23-4-2021 | 0   | mm | -0,9 | 14,4 | 7,5  | C | 69 |  | 2,8 | MPS |
| 59.  | 24-4-2021 | 0   | mm | 0,9  | 14,9 | 8    | C | 63 |  | 4,1 | MPS |
| 60.  | 25-4-2021 | 0   | mm | 2,4  | 12,1 | 7,1  | C | 64 |  | 4,2 | MPS |
| 61.  | 26-4-2021 | 0   | mm | -0,2 | 14,2 | 7,6  | C | 63 |  | 4   | MPS |
| 62.  | 27-4-2021 | 0   | mm | 1,3  | 16,5 | 9,5  | C | 50 |  | 3,1 | MPS |
| 63.  | 28-4-2021 | 0   | mm | 1,2  | 18,3 | 11,1 | C | 53 |  | 3,9 | MPS |
| 64.  | 29-4-2021 | 2,9 | mm | 3,4  | 10,3 | 7,4  | C | 80 |  | 4,5 | MPS |
| 65.  | 30-4-2021 | 0,1 | mm | 2,8  | 11   | 7,8  | C | 81 |  | 1,9 | MPS |
| 66.  | 1-5-2021  | 0,1 | mm | -0,9 | 13,1 | 6,7  | C | 73 |  | 2,8 | MPS |
| 67.  | 2-5-2021  | 0,1 | mm | -0,9 | 12,4 | 6,5  | C | 69 |  | 3,4 | MPS |
| 68.  | 3-5-2021  | 0,1 | mm | 1,2  | 15   | 10,3 | C | 55 |  | 5   | MPS |
| 69.  | 4-5-2021  | 8,4 | mm | 5    | 12,7 | 9,5  | C | 73 |  | 7,3 | MPS |
| 70.  | 5-5-2021  | 2,4 | mm | 3,8  | 11,7 | 7    | C | 75 |  | 4,5 | MPS |
| 71.  | 6-5-2021  | 1,1 | mm | 2,2  | 11,7 | 6,7  | C | 78 |  | 1,6 | MPS |
| 72.  | 7-5-2021  | 1,7 | mm | 0,9  | 13,1 | 6,7  | C | 73 |  | 2,9 | MPS |
| 73.  | 8-5-2021  | 1,2 | mm | 1,3  | 18,5 | 11,8 | C | 70 |  | 4,6 | MPS |
| 74.  | 9-5-2021  | 0,9 | mm | 11,9 | 26,1 | 19,1 | C | 65 |  | 4,2 | MPS |
| 75.  | 10-5-2021 | 1,3 | mm | 12,1 | 20,7 | 16,5 | C | 68 |  | 3,6 | MPS |
| 76.  | 11-5-2021 | 0,6 | mm | 9,9  | 18,5 | 13,9 | C | 75 |  | 1   | MPS |
| 77.  | 12-5-2021 | 0,7 | mm | 6,4  | 17,4 | 11,7 | C | 78 |  | 0,7 | MPS |
| 78.  | 13-5-2021 | 2,3 | mm | 4,2  | 20   | 12   | C | 79 |  | 0,4 | MPS |
| 79.  | 14-5-2021 | 0,7 | mm | 4,8  | 17,7 | 11,2 | C | 80 |  | 0,9 | MPS |
| 80.  | 15-5-2021 | 5,7 | mm | 7,1  | 14,1 | 10,9 | C | 87 |  | 2,6 | MPS |
| 81.  | 16-5-2021 | 4,9 | mm | 9,1  | 15,9 | 11,4 | C | 82 |  | 2,7 | MPS |
| 82.  | 17-5-2021 | 5,4 | mm | 6,8  | 15,1 | 11,2 | C | 86 |  | 3   | MPS |
| 83.  | 18-5-2021 | 0,8 | mm | 8    | 16,2 | 12,2 | C | 74 |  | 3   | MPS |
| 84.  | 19-5-2021 | 3,1 | mm | 6,2  | 15,3 | 10,8 | C | 82 |  | 1,9 | MPS |
| 85.  | 20-5-2021 | 0,1 | mm | 4,1  | 16,4 | 11,9 | C | 73 |  | 3,8 | MPS |
| 86.  | 21-5-2021 | 4,2 | mm | 9,4  | 16,7 | 12,9 | C | 64 |  | 6,4 | MPS |
| 87.  | 22-5-2021 | 12  | mm | 9,4  | 13,8 | 10,6 | C | 87 |  | 4,5 | MPS |
| 88.  | 23-5-2021 | 0,1 | mm | 9,6  | 15,9 | 12,5 | C | 66 |  | 3,9 | MPS |
| 89.  | 24-5-2021 | 8,5 | mm | 7,8  | 16,9 | 11,5 | C | 82 |  | 4,1 | MPS |
| 90.  | 25-5-2021 | 2,2 | mm | 5,8  | 14,9 | 10,4 | C | 82 |  | 3,6 | MPS |
| 91.  | 26-5-2021 | 3,6 | mm | 8,1  | 14,3 | 11,1 | C | 81 |  | 4,2 | MPS |
| 92.  | 27-5-2021 | 0,1 | mm | 5    | 13,6 | 10,3 | C | 82 |  | 4,6 | MPS |
| 93.  | 28-5-2021 | 0   | mm | 1,7  | 18,9 | 12   | C | 73 |  | 1,4 | MPS |
| 94.  | 29-5-2021 | 0   | mm | 6,9  | 19,9 | 14,3 | C | 72 |  | 3,2 | MPS |
| 95.  | 30-5-2021 | 0   | mm | 6,7  | 22,7 | 15,4 | C | 64 |  | 3   | MPS |
| 96.  | 31-5-2021 | 0   | mm | 9,6  | 24,1 | 18,1 | C | 56 |  | 2,9 | MPS |
| 97.  | 1-6-2021  | 0   | mm | 11,6 | 25,7 | 19,8 | C | 45 |  | 3,4 | MPS |
| 98.  | 2-6-2021  | 0,1 | mm | 11,2 | 29   | 22,2 | C | 48 |  | 1,5 | MPS |
| 99.  | 3-6-2021  | 0,2 | mm | 15,6 | 24,8 | 20,5 | C | 75 |  | 3   | MPS |
| 100. | 4-6-2021  | 5,4 | mm | 11,9 | 27,4 | 19,6 | C | 77 |  | 1,8 | MPS |
| 101. | 5-6-2021  | 0   | mm | 12,4 | 18,9 | 16   | C | 89 |  | 3,5 | MPS |
| 102. | 6-6-2021  | 0   | mm | 10,2 | 22,4 | 16,5 | C | 68 |  | 2,9 | MPS |
| 103. | 7-6-2021  | 0   | mm | 7,8  | 23,8 | 17,6 | C | 63 |  | 3   | MPS |
| 104. | 8-6-2021  | 0   | mm | 11,8 | 25,8 | 19,8 | C | 59 |  | 2,2 | MPS |
| 105. | 9-6-2021  | 0   | mm | 11,5 | 25,6 | 19,1 | C | 65 |  | 2,3 | MPS |
| 106. | 10-6-2021 | 0   | mm | 11,8 | 27,1 | 20,2 | C | 63 |  | 2,5 | MPS |
| 107. | 11-6-2021 | 0   | mm | 13   | 25,5 | 19,3 | C | 77 |  | 2,9 | MPS |
| 108. | 12-6-2021 | 0   | mm | 8,7  | 22,9 | 17,1 | C | 69 |  | 4   | MPS |

|             |           |     |    |      |      |      |   |    |     |     |
|-------------|-----------|-----|----|------|------|------|---|----|-----|-----|
| <b>109.</b> | 13-6-2021 | 0   | mm | 6,9  | 24,2 | 17   | C | 62 | 1,5 | MPS |
| <b>110.</b> | 14-6-2021 | 0   | mm | 10,4 | 28,9 | 21,1 | C | 56 | 2,8 | MPS |
| <b>111.</b> | 15-6-2021 | 0   | mm | 14,9 | 25   | 19,6 | C | 63 | 2,9 | MPS |
| <b>112.</b> | 16-6-2021 | 0   | mm | 12,4 | 31,2 | 23,3 | C | 57 | 2,3 | MPS |
| <b>113.</b> | 17-6-2021 | 0   | mm | 17,9 | 31   | 25,1 | C | 62 | 3,2 | MPS |
| <b>114.</b> | 18-6-2021 | 3,8 | mm | 19,1 | 32,6 | 24,5 | C | 69 | 4,1 | MPS |
| <b>115.</b> | 19-6-2021 | 7,3 | mm | 16,6 | 21,8 | 18,9 | C | 82 | 3,3 | MPS |
| <b>116.</b> | 20-6-2021 | 0,1 | mm | 16,4 | 24,9 | 19,9 | C | 78 | 3,6 | MPS |

## Bijlagen 5 middelen lijst

| Trt No. | Type | Treatment Name          | Description | Rate  | Rate Unit | Appl Code |
|---------|------|-------------------------|-------------|-------|-----------|-----------|
| 1       | CHK  | Untreated Check         | not treated |       |           |           |
| 2       | HERB | Bonalan                 |             | 6     | l/ha      | A         |
|         | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | Lentagran               |             | 0,25  | kg/ha     | C         |
|         | HERB | Lentagran               |             | 0,35  | kg/ha     | DE        |
|         | ADJ  | Uitvloeier              |             |       |           | C         |
|         | HERB | Wing P                  |             | 0,35  | l/ha      | DE        |
| 3       | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | Lentagran               |             | 0,25  | kg/ha     | C         |
|         | HERB | Lentagran               |             | 0,35  | kg/ha     | DE        |
|         | ADJ  | Uitvloeier              |             |       |           | C         |
|         | HERB | Wing P                  |             | 0,35  | l/ha      | DE        |
|         | 4    | HERB                    | Kerb        |       | 1,875     | l/ha      |
| HERB    |      | Stomp                   |             | 1,50  | l/ha      | B         |
| HERB    |      | Lentagran               |             | 0,25  | kg/ha     | C         |
| HERB    |      | Lentagran               |             | 0,35  | kg/ha     | DE        |
| ADJ     |      | Uitvloeier              |             |       |           | C         |
| HERB    |      | Wing P                  |             | 0,35  | l/ha      | DE        |
| HERB    |      | Centium                 |             | 0,125 | l/ha      | B         |
| 5       |      | HERB                    | Centium     |       | 0,125     | l/ha      |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | Lentagran               |             | 0,25  | kg/ha     | C         |
|         | ADJ  | Uitvloeier              |             |       |           | C         |
|         | HERB | Lentagran               |             | 0,35  | kg/ha     | DE        |
|         | HERB | Wing P                  |             | 0,35  | l/ha      | DE        |
|         | 6    | HERB                    | Successor   |       | 1         | l/ha      |
| ADJ     |      | Uitvloeier              |             |       |           | C         |
| HERB    |      | Lentagran               |             | 0,25  | kg/ha     | C         |
| HERB    |      | Lentagran               |             | 0,35  | kg/ha     | DE        |
| HERB    |      | Wing P                  |             | 0,35  | l/ha      | DE        |
| 7       | HERB | AZ 500                  |             | 0,15  | l/ha      | B         |
|         | HERB | Lentagran               |             | 0,25  | kg/ha     | C         |
|         | ADJ  | Uitvloeier              |             |       |           | C         |
|         | HERB | Lentagran               |             | 0,35  | kg/ha     | DE        |
|         | HERB | Wing P                  |             | 0,35  | l/ha      | DE        |
| 8       | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | BOA                     |             | 0,10  | l/ha      | C         |
|         | HERB | BOA                     |             | 0,15  | l/ha      | D         |
|         | HERB | BOA                     |             | 0,20  | l/ha      | E         |
| 9       | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | Safari                  |             | 0,015 | kg/ha     | C         |
|         | HERB | Safari                  |             | 0,020 | kg/ha     | D         |
|         | HERB | Safari                  |             | 0,025 | kg/ha     | E         |
| 10      | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | Successor               |             | 0,20  | l/ha      | C         |
|         | HERB | Successor               |             | 0,30  | l/ha      | D         |
|         | HERB | Successor               |             | 0,40  | l/ha      | E         |
| 11      | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | AZ 500                  |             | 0,05  | l/ha      | C         |
|         | HERB | AZ 500                  |             | 0,10  | l/ha      | D         |
|         | HERB | AZ 500                  |             | 0,15  | l/ha      | E         |
| 12      | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | Frontier Optima         |             | 0,20  | l/ha      | C         |
|         | HERB | Frontier Optima         |             | 0,40  | l/ha      | DE        |
| 13      | HERB | Kerb                    |             | 1,875 | l/ha      | B         |
|         | HERB | Stomp                   |             | 1,50  | l/ha      | B         |
|         | HERB | Lentagran               |             | 0,25  | kg/ha     | C         |
|         | HERB | Lentagran               |             | 0,35  | kg/ha     | DE        |
|         | HERB | Tramat 200              |             | 0,83  | l/ha      | CDE       |
| 14      | APPL | mechanical weed control |             |       |           | BCD       |