

# Greenview Weed Free Forage

## Minimum Standard Certification

### **PURPOSE:**

Greenview has been a partner with the North American Invasive Species Management Association (NAISMA) and the Alberta Invasive Species Council (AISC) for several years. NAISMA initiated the Weed Free Forage Minimum Standards Certification and AISC has facilitated this program to be a provincially recognized program.

Greenview recognizes that access to weed free forage is a necessity, and under the current program, net wrap is not included in the acceptable identification of Weed Free Forage. To assist with bridging the gap with acceptable weed free forage identification, Greenview is facilitating a Weed Free Forage identification for net wrap that only be recognizable within Greenview boundaries. Forage can be certified with identifiable twine, purchased through the Greenview Agricultural Services Department, or each bale individually tagged with approved tags to be provincially recognized.

For Greenview to recognize net wrapped bales as weed free, the standard would follow the minimum standards set forth by NAISMA, but the certification would be on a per-field basis, tracking the number of round bales on the field with the legal land description and manifest records kept for sales and transportation.

### **DEFINITIONS:**

#### Certification

Inspector certification is available to Municipal Agricultural employees at the NAISMA Conference and online. An administrative fee may be applicable for this certification.

#### Certification Markings

NAISMA approved tags or purple and yellow twine, or both.

#### Weed Free Forage Manifest (APPENDIX E)

A manifest of forage being sold and/or transported from the certified field. The manifest is only required for net wrapped round bales produced and certified within Greenview following the NAISMA minimum standards for the Weed Free Forage Program.

#### Designated authority

Must be one of the following:

- Representative of a province's department of agriculture.
- Manager of a provincial, local government or federal agency staff responsible for managing legislated weed species within their jurisdiction (ex: Weed Supervisor, Weed Superintendent, Ag. Fieldman).

- An individual designated as an inspector under the province's weed control legislation or federal agency staff. This individual must be trained and certified in accordance with the provincial standard operating procedures for weed inspection as well as NAISMA's weed free forage standards.
- University Extension Agent.
- Representative of a Forage Association.
- Other authority as approved by NAISMA.

### Forage

Any crop, including alfalfa, grass, small grains, straw, and similar crops and commodities, that is grown, harvested, and sold for livestock forage, bedding material, or mulch related uses and the byproducts of those crops or commodities that have been processed into pellets, cubes, or related products.

### Prohibited Weed

Those plant species, including any weed seed or propagative plant parts, voted on by MOU holders and approved by the NAISMA BOD in Appendix A, as well as weeds listed under weed control legislation within the province of the forage's origin.

### Propagules

Any part of a plant capable of enabling it to reproduce (may include seeds, roots, and/or stolons).

## **MINIMUM STANDARDS**

- Forage shall be free of prohibited weeds as defined in these minimum standards.
- Forage shall be inspected in the province of origin by the designated authority.
- Forage shall also be inspected in the field of origin by the designated authority per Appendix E.
- Forage which contains any prohibited weeds may still be certified if the field upon which the forage was produced is treated to prevent prohibited weed seed or other propagule viability according to agricultural practices acceptable to, and to the satisfaction of the designated authority.
- Pellets as defined in these standards may also be certified if they are declared free of viable prohibited weed seeds or other propagules by a test conducted by a provincial seed testing laboratory approved by the designated authority.
- Cubed hay as defined in these standards may also be certified if the field of origin has been

## **INSPECTION:**

- Fields shall be inspected within a maximum of 10 days prior to cutting / harvesting.
- Fields must be inspected again if circumstances prevent harvest of the forage for a

period greater than 10 days from the first inspection.

- There shall be a minimum of two entry points per field.
- There shall be a minimum of one entry point per each 10 acres (4 hectares).
- Each point of entry shall be at least 150 feet (45 meters) into the field, and each additional 150 feet (45 meters) traveled shall constitute an entry point.
- Travel shall be uninterrupted, proceeding through the field being inspected.
- Field borders shall be inspected, including surrounding ditches, fence rows, roads, easements, rights-of-way, and/or a buffer zone surrounding the field as determined by the designated authority.
- The storage area for the forage shall also be inspected and meet these standards.
- An inspector may not inspect fields of which said inspector has ownership or financial interest.
- certified by the designated authority according to these standards.
- An Inspection Certificate as per Appendix B shall document the above requirements are met.
- Shipment of NAISMA Certified Weed Free Forage shall be accompanied by NAISMA Certification Marking as outlined in Appendix D, and an original printed or digital copy of the Transit Certificate issued by the designated authority as outlined in Appendix C.

**OPTION 1:**

A Producer has the option to follow all minimum standards as set fourth by NAISMA and use purchased program twine, resulting in certification being recognized provincially.

**OPTION 2:**

A producer has the option to follow all minimum standards as set fourth by NAISMA, instead using unrecognized identification (such as net wrap on round bales), resulting in certification only being recognized within Greenview boundaries. A manifest of forage being sold and/or transported from the certified field shall accompany the forage (Appendix E).

# Greenview Weed Free Forage

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### Appendix - A

#### NAISMA WEED FREE FORAGE PROHIBITED WEED LIST

*(Revised: 01/24/97, 04/20/97, 09/16/97, 10/30/02, 10/05/05, 10/09/09, 03/31/15, 02/01/16, 10/23/17, 10/17/18, 4/16/20)*

The designated authority shall inspect fields for NAISMA prohibited species, provincial designated noxious weeds, and municipally elevated weeds.

#### ALBERTA WEED CONTROL ACT + NAISMA SPECIES LIST

|  |  |
|--|--|
| Absinth Wormwood ( <i>Artemisia absinthium</i> )         | Knapweed, Hybrid ( <i>Centaurea × psammogena</i> )                         |
| Austrian Fieldcress ( <i>Rorippa austriaca</i> )         | Knapweed, Meadow ( <i>Centaurea pratensis</i> )                            |
| Autumn Olive ( <i>Elaeagnus umbellata</i> )              | Knapweed, Russian ( <i>Rhaponticum repens</i> )                            |
| Baby's-breath, Common ( <i>Gypsophila paniculata</i> )   | Knapweed, Spotted ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> )       |
| Balsam, Himalayan ( <i>Impatiens glandulifera</i> )      | Knapweed, Squarrose ( <i>Centaurea virgata</i> ssp. <i>squarrosa</i> )     |
| Barberry, Common ( <i>Berberis vulgaris</i> )            | Knapweed, Tyrol ( <i>Centaurea nigrescens</i> )                            |
| Bartsia, Red ( <i>Odontites vernus</i> )                 | Knotweed, Giant ( <i>Fallopia sachalinensis</i> )                          |
| Bellflower, Creeping ( <i>Campanula rapunculoides</i> )  | Knotweed, Hybrid Japanese ( <i>Fallopia × bohémica</i> )                   |
| Bindweed, Field ( <i>Convolvulus arvensis</i> )          | Knotweed, Japanese ( <i>Fallopia japonica</i> )                            |
| Bluestem, Caucasian ( <i>Bothriochloa bladhii</i> )      | Medusahead ( <i>Taeniatherum caput-medusae</i> )                           |
| Bluestem, Yellow ( <i>Bothriochloa ischaemum</i> )       | Mullein, Common ( <i>Verbascum thapsus</i> )                               |
| Blueweed ( <i>Echium vulgare</i> )                       | Nutsedge, Yellow ( <i>Cyperus esculentus</i> )                             |
| Brome, Downy ( <i>Bromus tectorum</i> )                  | Pepper-grass, Broad-leaved ( <i>Lepidium latifolium</i> )                  |
| Brome, Japanese ( <i>Bromus japonicus</i> )              | Poison Hemlock ( <i>Conium maculatum</i> )                                 |
| Buckthorn, Common ( <i>Rhamnus cathartica</i> )          | Puncturevine ( <i>Tribulus terrestris</i> )                                |
| Buffalobur ( <i>Solanum rostratum</i> )                  | Purple Loosestrife ( <i>Lythrum salicaria</i> )                            |
| Burdock, Great ( <i>Arctium lappa</i> )                  | Quackgrass ( <i>Elymus repens</i> )  |
| Burdock, Lesser ( <i>Arctium minus</i> )                 | Ragwort, Tansy ( <i>Jacobaea vulgaris</i> )                                |
| Burdock, Woolly ( <i>Arctium tomentosum</i> )            | Rush Skeletonweed ( <i>Chondrilla juncea</i> )                             |
| Buttercup, Tall ( <i>Ranunculus acris</i> )              | Saltcedar ( <i>Tamarix ramosissima</i> )                                   |
| Cinquefoil, Sulphur ( <i>Potentilla recta</i> )          | Saltlover ( <i>Halogeton glomeratus</i> )                                  |
| Crupina, Common ( <i>Crupina vulgaris</i> )              | Scabious, Field ( <i>Knautia arvensis</i> )                                |
| Clematis, Yellow ( <i>Clematis tangutica</i> )           | Scentless Chamomile ( <i>Tripleurospermum inodorum</i> )                   |
| Cockle, White ( <i>Silene latifolia</i> )                | Scotch Thistle ( <i>Onopordum acanthium</i> )                              |
| Daisy, Oxeye ( <i>Chrysanthemum leucanthemum</i> )       | Sericea lespedeza ( <i>Lespedeza cuneata</i> )                             |
| Dame's Rocket ( <i>Hesperis matronalis</i> )             | Sowthistle, Perennial ( <i>Sonchus arvensis</i> )                          |
| Dyer's Woad ( <i>Isatis tinctoria</i> )                  | Spurge, Leafy ( <i>Euphorbia virgata</i> formerly <i>Euphorbia esula</i> ) |
| Flowering Rush ( <i>Butomus umbellatus</i> )             | Starthistle, Yellow ( <i>Centaurea solstitialis</i> )                      |
| Garlic Mustard ( <i>Alliaria petiolata</i> )             | St. John's-wort, Common ( <i>Hypericum perforatum</i> )                    |
| Hawkweed, Meadow ( <i>Pilosella caespitosa</i> )         | Tamarisk, Chinese ( <i>Tamarix chinensis</i> )                             |
| Hawkweed, Mouse-ear ( <i>Pilosella officinarum</i> )     | Tamarisk, Smallflower ( <i>Tamarix parviflora</i> )                        |
| Hawkweed, Orange ( <i>Hieracium aurantiacum</i> )        | Tansy, Common ( <i>Tanacetum vulgare</i> )                                 |
| Henbane, Black ( <i>Hyoscyamus niger</i> )               | Teasel, Common ( <i>Dipsacus fullonum</i> )                                |
| Hoary Alyssum ( <i>Berteroa incana</i> )                 | Teasel, Cutleaf ( <i>Dipsacus laciniatus</i> )                             |
| Hoary Cress, Globe-podded ( <i>Lepidium appelianum</i> ) | Thistle, Canada ( <i>Cirsium arvense</i> )                                 |
| Hoary Cress, Heart-podded ( <i>Lepidium draba</i> )      |  |

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### Appendix - A

|   |  |
|---|--|
| Hoary Cress, Lens-podded ( <i>Lepidium chalepense</i> ) | Thistle, Marsh ( <i>Cirsium palustre</i> )               |
| Hogweed, Giant ( <i>Heracleum mantegazzianum</i> )      | Thistle, Nodding ( <i>Carduus nutans</i> )               |
| Horsenettle ( <i>Solanum carolinense</i> )              | Thistle, Plumeless ( <i>Carduus acanthoides</i> )        |
| Hounds-tongue ( <i>Cynoglossum officinale</i> )         | Toadflax, Dalmatian ( <i>Linaria dalmatica</i> )         |
| Iris, Pale Yellow ( <i>Iris pseudacorus</i> )           | Toadflax, Yellow ( <i>Linaria vulgaris</i> )             |
| Johnsongrass ( <i>Sorghum halepense</i> )               | Water Milfoil, Eurasian ( <i>Myriophyllum spicatum</i> ) |
| Jointed Goatgrass ( <i>Aegilops cylindrica</i> )        | Wild Oats ( <i>Avena fatua</i> )                         |
| Knapweed, Bighead ( <i>Centaurea macrocephala</i> )     | Wild Proso Millet ( <i>Panicum miliaceum</i> )           |
| Knapweed, Black ( <i>Centaurea nigra</i> )              |  |
| Knapweed, Brown ( <i>Centaurea jacea</i> )              |  |
| Knapweed, Diffuse ( <i>Centaurea diffusa</i> )          |  |

#### GREENVIEW ELEVATED SPECIES:

Wild Caraway (*Carum carvi*)      Kochia (*Bassia Scoparia*)      Bull Thistle (*Cirsium vulgare*)

#### PROCEDURE FOR SPECIES CONSIDERED FOR ADDITION OR DELETION:

1. Petition must be sent to the NAISMA Weed Free Forage and Gravel (WFF&G) Committee from a designated authority as defined in these standards formally requesting a species be added or removed from listing to Appendix A:
2. Petition shall contain a risk assessment of species proposed to be added with information on its potential and/or actual impacts to natural resources at a state/provincial and/or regional level.
3. Petition shall contain a risk assessment of species proposed for deletion with information on why the species is no longer considered a potential and/or actual threat to natural resources at a state/provincial and/or regional level.
4. Petitioner shall send the formal petition to add or delete a species to the NAISMA WFF&G Committee Chair at least 90 days before the committee meets at NAISMA's Annual General Meeting (AGM).
5. NAISMA WFF & G Committee Chair will send the petition to committee members and MOU holders at least 60 days in advance of NAISMA's AGM.
6. NAISMA WFF & G Committee will formulate a recommendation to support or deny the petition to be presented and voted on by MOU holders. The decision (by simple majority) is then presented to the NAISMA Board of Directors (BOD) for their consideration prior to NAISMA's AGM.
7. MOU holders can only vote once and can vote by proxy.
8. If the NAISMA BOD supports the Weed Free Forage Committee recommendation on the petition, it will be presented at NAISMA's AGM.
9. Appendix A will be modified as necessary after the above procedures have been carried out.

# Greenview Weed Free Forage

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### Appendix - B

#### INSPECTION CERTIFICATE STANDARDS AND CERTIFICATE OF INSPECTION MINIMUM

**Requirements:** *(Revised 1/24/97, 10/30/02, 3/31/15, 10/23/17, 4/16/20)*

- Designated authority contact information.
- Inspection Certificate numbering system.
- Forage producer contact information.
- Legal description of property being inspected.
- Number of acres or hectares inspected.
- Size of package or bale.
- Number or tonnage of bales or packages.
- Type of forage.
- **"Meets NAISMA Standards"** statement.
- Inspection date.
- Designated authority's inspector signature.
- Comments section.
- Expiration Date.

#### **Greenview's Program**

- Legal Land Location of harvest
- Total number of weed free forage bales
- Bale Type
- Manifest – Appendix E

# Greenview Weed Free Forage

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### Appendix - C

#### **TRANSIT CERTIFICATE STANDARDS AND TRANSIT CERTIFICATE MINIMUM REQUIREMENTS:**

*(Revised 1/24/97, 10/20/03, 3/31/15)*

- Designated authority contact information.
- Transit Certificate numbering system.
- Transporter contact information.
- Consignee contact information.
- Specific destination.
- Reference to Inspection Certification Number (Appendix B)
- Type of Certification Marking used (Appendix D)
- Size of package or bale.
- Number or tonnage of bales or packages.
- Type of forage.
- Issue date.
- Issuer signature, title, and contact information.
- Comments section.
  - "Only Original Print / Digital Copy Approved By Designated Authority Accepted" Statement

# Greenview Weed Free Forage

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### Appendix - D

#### **CERTIFICATION MARKING and**

*(Revised 1/24/97, 10/30/02, 10/20/03, 5/15/08, 3/31/15, 10/23/17, 4/16/20)*

- Special purple and yellow colored twine as approved by NAISMA.
- Forage Tag Minimum Requirements:
  - The words "**NAISMA Weed Free Forage Certification Program**".
  - A number system (for tracking purposes).
  - State or Province of issue.
  - Designated authority contact information.
    - A statement that the product is "Certified to the NAISMA Standards".



# Greenview Weed Free Forage

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### Appendix - E

This manifest for weed free forage being sold and/or transported from the certified field within Greenview boundaries.

|  |  |
|--|--|
| <b>Part A – Purpose of Manifest</b>  |  |
| <input type="checkbox"/> Transport Only  | <input type="checkbox"/> Transport for Sale        |
| Provide copy of documentation for proof of weed free status <input type="checkbox"/> |  |
| <b>Part B – Transportation and Sale Details</b>                                      |  |
| Date of Certification:   | Date of Transport:                                 |
| Producer Name:   |  |
| Producer Address:  |  |
| Sold To (If other than producer):  |  |
| Transport From:  | (Legal Land Description)                           |
| Transport To:  | (Legal Land Description)                           |
| <b>Description of Bale Size:</b>   |  |
| Quantity:  | Bale Type (Large/Small Square, Large/Small Round): |
|  |  |
|  |  |
|  |  |
|  |  |
| Total  | <b>Part C – Parts A and B Certification.</b>       |
|  | I CERTIFY THAT PARTS A AND B ARE TRUE              |
|  | (Signature of Producer)                            |
| <b>Part D - Inspector</b>  |  |
| Name:  |  |
| Contact Number:  |  |
| Inspection Number:   |  |