

The collection of this information is authorized by the Plant Protection Act of 2000. The information will be used to determine eligibility to receive all types of permits. No permit will be issued until this application has been approved.

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
BIOTECHNOLOGY REGULATORY SERVICE
APPLICATIONS FOR PERMIT OR COURTESY PERMIT UNDER 7 CFR 340
(Genetically Engineered Organisms or Products)

1. NAME, ADDRESS, TELEPHONE, AND EMAIL OF APPLICANT

Name: PII
Position: PII
Organization: betaseed
Organization Unique ID:
Address: 1788 Marschall Road
P.O. Box 195
Shakopee, MN 55379
County/Province: Scott
Township/Island:
Day Telephone: PII
FAX: PII
Alternate: PII
Email 1: PII @betaseed.com
Email 2:

2. INTRODUCTION TYPE

- Importation
 Interstate Movement
 Interstate Movement and Release
 Release

3. PERMIT TYPE

- Standard Permit
 Courtesy Permit

4. PURPOSE OF PERMIT

- Industrial Product
 Pharmaceutical Product
 Phytoremediation
 Traditional

5. CONFIDENTIAL BUSINESS INFORMATION VERIFICATION (CBI)

Does this application contain CBI? Yes No

CBI Justification:

The information claimed as confidential within this application includes personal, site and or molecular information. US data privacy law (and similar laws in other jurisdictions) protect individuals from the misuse of their personal information. The gene description category includes names and information about genes, promoters and expressed traits. The Freedom of Information Act ("FOIA"), 5 U.S.C. section 552, specifically exempts from release "trade secrets and commercial or financial information obtained from a person and privileged or confidential" ("Exemption 4"), 5 U.S.C. section 552(b)(4). Exemption 4 applies where the disclosure of information would be likely to cause substantial harm to the competitive position of the owner, or where, in the case of voluntarily submitted information, the submitter would be less likely in the future to share data with the agency voluntarily. Information on gene description and commercial development falls within this definition, and is the type of information accorded trade secret protection by the courts under Exemption 4 of the Freedom of Information Act. The release of information about the genes and promoters in the vectors will directly provide competitors with the knowledge of the precise genetic sequence - that KWS/Betaseed has found to be most desirable. If this information is disclosed, the competitors will have access to the structure of the KWS/Betaseed products, with the consequences outlined above.

6. REQUEST TYPE

New Amendment Renewal Variance Amendment, Renewal and/or Variance

Amendment/Renewal Description:

Previous Permit Number(s):

7. MEANS OF MOVEMENT

Via post, commercial shipper or company vehicle/s.

8. VARIANCE VERIFICATION

Have you previously applied for variance(s) that you wish to apply to this permit? Yes No

Variance Number(s):

If so, describe in a brief summary how the variance will be applied:

N/A

9. REGULATED ARTICLE

Scientific Name: Beta vulgaris ssp. vulgaris

Common Name: Sugarbeet

WARNING: Any use of ePermits to make materially false, fictitious, or fraudulent statements or representations is subject to civil penalties of up to \$250,000 (7 U.S.C. § 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. §1001).

Any biological material (e.g., culture medium, or host material) accompanying the regulated Article during movement:

None

Country and locality where the donor organism, recipient organism, and vector or vector agent were collected, developed, and produced:

Germany

Processes, Procedures, and Safeguards Description:

The transgenic lines were produced by Agrobacterium mediated transformation technology. During regeneration and multiplication of the plant material elimination of the bacterium was accomplished by treatment with appropriate antibiotics. All plants to be released were generated by multi-generational seed propagation steps. It is known that agrobacteria are not seed transmitted. As an additional proof, PCR was performed to verify the absence of agrobacteria (the primers used refer to the chromosome of the agrobacteria to confirm the absence of bacteria cells).

10. ARTICLE SUPPLIER AND/OR DEVELOPER

Name	Location	Contact Information
Dr. [] []	[] [] [], Lower Saxony [] Germany	Day Telephone: [] FAX: Email: []
Dr. [] [] []	[] [] [], Lower Saxony [] Germany	Day Telephone: [] FAX: Email: []

11. PHENOTYPES/GENOTYPE

1) Phenotypic Designation Name: Glyphosate resistant sugarbeet
Identifying Line(s): H7-1
Construct(s): PV-BVGT08
Mode of Transformation: Disarmed Agrobacterium tumefaciens transformation
Phenotype Description: glyphosate tolerance
 A description of the anticipated or actual expression of the altered genetic material in the regulated article and how that expression differs from the expression in the non-modified parental organism.

Phenotype(s)

HT - glyphosate tolerance

Genotype(s)

Gene of inte
 Promoter: [] from []
 []
 []
 [] from []
 []

12. INTRODUCTION

Release Site

Location Name & Description	Location Address	Contact(s)
<p>1) [] - []</p>	<p>[] Yakima [], WA [] Proposed Release Start Date: 04/01/2011 Proposed Release End Date: 04/01/2012 No. of Releases: 1 Quantity: [] [] acres Comments: The trial site will be within the perimeter described by the GPS coordinates listed</p>	<p>1) Mr. [] [] [] [] [] Linn [], OR [] Day Telephone: [] Alt. Telephone: [] Email 1: [] &nbs p; []</p>
<p>Location Unique ID: 11TANA70 Location GPS Coordinates: [], [] [], [] [], [] [], [] Release Site History: This site has been under managed agricultural production for 50+ years; primarily row crops and cereals. Critical Habitat Involved?: ___ Yes <u>X</u> No</p>		
<p>2) [] - []</p>	<p>[] Yakima [], WA [] Proposed Release Start Date: 04/01/2011 Proposed Release End Date: 04/01/2012 No. of Releases: 1 Quantity: [] [] acres Comments: The trial site will be within the perimeter described by the GPS coordinates listed</p>	<p>1) Mr. [] [] [] [] [] Linn [], OR [] Day Telephone: [] Alt. Telephone: [] Email 1: [] &nbs p; []</p>
<p>Location Unique ID: 11TANA73 Location GPS Coordinates: [], [] [], [] [], [] [], [] Release Site History: This site has been under managed agricultural production for 50+ years; primarily row crops and cereals. Critical Habitat Involved?: ___ Yes <u>X</u> No</p>		
<p>3) [] - []</p>	<p>[] Yakima [], WA [] Proposed Release Start Date: 04/01/2011 Proposed Release End Date: 04/01/2012 No. of Releases: 1 Quantity: []</p>	<p>1) Mr. [] [] [] [] [] Linn [], OR []</p>

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Betaseed Design Protocol - H7-1 EA Vers V1.0 CBI del (4/1/2011 @ 01:29 PM)
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Betaseed GM SOP - Breeder-Prebasic Seed Plots - V.2.2 CBI del (4/1/2011 @ 01:39 PM)

EA Mandatory Conditions (4/1/2011 @ 01:44 PM)

15. ADDITIONAL INFORMATION

16. COURTESY JUSTIFICATION

I, PII, hereby certify that the information in this application and all attachments is complete and accurate to the best of my knowledge and belief.

I acknowledge this is not an application to move or import select agents, the genes expressing select agents, or the toxins made by the select agents, as described in 9 CFR 121.

I will not introduce the regulated articles described in this application until APHIS has deemed the application complete and has granted the permit. By signing this permit, I agree to comply with any and all state, local, and tribal laws and regulations that may apply to the introduction of the articles described in this applications.

If there are any changes to the information disclosed in this application, I will contact APHIS.

17. SIGNATURE OF RESPONSIBLE PERSON PII	18. DATE April 1, 2011
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